

*TPCBenchmark™C Full Disclosure Report Using
Sun Microsystems Enterprise 4500/464 Mhz
Server and Fujitsu SymfoWARE Server
Enterprise Edition for VLM 3.0*



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Compliant with Revision 3.5 of the TPC-C specification

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Abstract

Overview

This report documents the methodology and results of the TPC Benchmark C™ test conducted on the Sun Enterprise 4500/464 Mhz Server system, running Fujitsu SymfoWARE Server Enterprise Edition for VLM 3.0 RDBMS and BEA Systems, Inc. Tuxedo 6.3.

TPC Benchmark C Metrics

The standard TPC Benchmark™C metrics, tpmC (transactions per minute), price per tpmC (five year capital cost per measured tpmC), and the availability date are reported as required by the benchmark specification.

Executive Summary Statements

Pages v-vii contain the executive summary of the benchmark result for the Sun Microsystems Enterprise Server 4500 .

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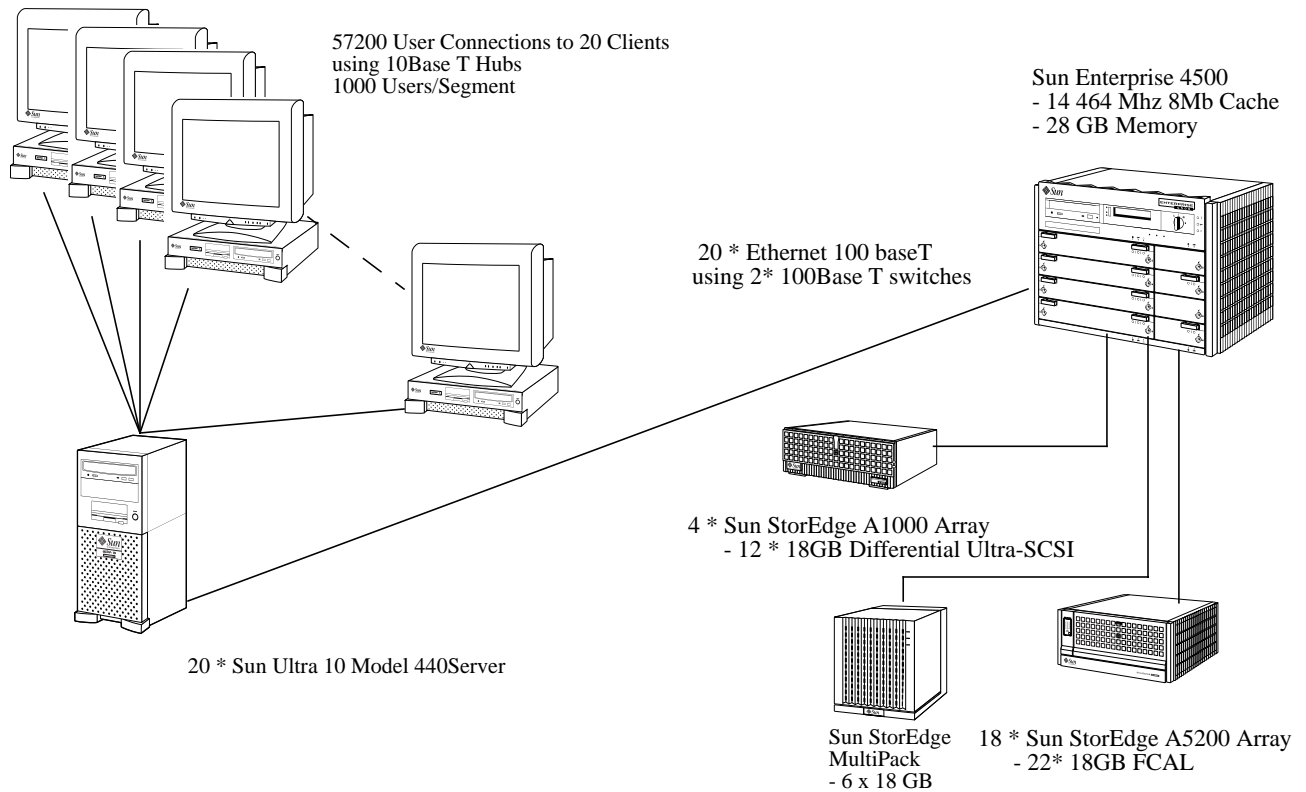


Sun Enterprise 4500 C/S w/ 20 Front-Ends

TPC-C 3.5

Report Date:
March 19, 2001

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date	
\$2,493,394	67102.63 tpmC	\$37.16	September 14, 2001	
Processors	Database Manager	Operating System	Other Software	Number of Users
14 * 464 MHz UltraSPARC II	SymfoWARE Server Enterprise Edition for VLM 3.0	Solaris 8	BEA Tuxedo 6.3	57200



Configuration

	Server System	Front End Systems
Database Nodes:	1 Sun Enterprise E4500 Server	20 * Ultra 10 Model 440
Processors	14* 464 MHz UltraSPARC II	1 * 440MHz UltraSPARC II each
Cache memory	32KB (D+I), 8MB external	32KB (D+I), 2MB external, each
Main memory	28 GB	1 GB each
Disk controllers	3 Dualport FC-AL, 2 Fast/Wide SCSI-2	1 * SCSI-2 each
Disk Drives	450 * 18GB FC-AL (18 * A5200, 4 * A1000), 6 * 18GB SCSI-2 (MultiPack)	1 * 18.2GB 10K RPM SCSI
Total Disk Storage	7560GB	18.2 GB each
10 BaseT Hub	None	7160* 9-Port Hubs
100 Base T Hub	1 x 8-port Hub	None
100 BaseT Switches	2 x 16 Port	None



Sun Enterprise 4500 C/S w/ 20 Front-Ends

TPC-C 3.5

Report Date:
March 19, 2001

Pricing Summary

Description	Part Number	Source	Unit Price	Qty	Ext. Price	5 Yr. Maint.
Server Hardware						
E4500	E4503		22,322	1	22,322	31,906
CPU/Memory board	X2602A		7,065	1	7,065	10,433
464MHz/8MB Ultra SPARC II	2590A		15,217	2	30,435	
2GB memory (8 * 256MB)	X7026A		13,526	8	108,209	
CPU/Memory Building Block	2602A-P95A		98913	3	296,739	62,597
SBus I/O building block	2612A-SS-A		7,983	1	7,983	
FCAL SBus Host adapter	6730A		1,996	2	3,991	
DWIS/S SBus Host Adapter	1065A		957	1	957	
2400GB StorEdge A5200 Array	SG-XARY543A-2400G		229,500	3	688,500	254,016
218-Gbyte StorEdge A1000 Array	SG-XARY150A-218G		14,280	4	57,120	40,320
109.2-Gbyte StorEdge MultiPack	SG-XDSK060C-109G		5159	1	5,159	
SCSI Cable 68 pin	3856A		41	1	41	
12-24GB 4mm DDS-3 Tape Drive	6283A		998	1	998	
Server Hardware Subtotal					1,229,518	399,271
Server Software						
Solaris Server Software	SOLMS-26ZW9999		100	1	100	
SPARC Compiler C/C++ 5.0	WCCIS-600-T999		995	1	995	1,080
SymfoWARE Server Enterprise Edition for VLM 3.0			251000	1	251,000	251,000
Server Software Subtotal					252,095	252,080
Client Hardware						
Ultra 10 Server Model 440	A22UKC1Z9P-B512CP		3,648	20	72,962	86,112
512MB Memory for Ultra 10	7039A		1,639	20	32,778	
PCI QEF Card	1034A		1,327	20	26,535	
Color Monitor	x7143a		297	20	5,935	
Client Hardware Subtotal			6910		138,200	86,112
					1,367,718	
Client Software						
BEA Tuxedo CFS 6.3			3,000	20	60,000	48,000
Client Software Subtotal					60,000	48,000
User Connectivity						
16-port 10/100Mbps Fast Ethernet Hub	NX-SOHODH8		1,000	4	4,000	
9-port 10Mbps Ethernet Hub	NX-H9EZ		23	7876	181,148	
User Connectivity Subtotal					185,148	
Sun Enterprise Services discounts						(157,030)
			Total		1,864,961	628,433
			5Yr. cost		2,493,394	
			tpmC Rating		67,103	
			\$/tpmC		\$37.16	

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Notes:

1. Sun Microsystems Inc. 2. CAT Technology Inc. 3. Fujitsu 4. BEA Systems, Inc. 5. SHI

Audited by: Bradley J. Askins, Infosizing Inc.

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchase are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.



**Sun Enterprise 4500
C/S w/ 20 Front-Ends**

TPC-C 3.5

Report Date:
March 19, 2001

Numerical Quantity Summary

MQTH, Computed Maximum Qualified Throughput = 67102.63 tpmC
 % throughput difference, reported & reproducibility runs = < 0.1%

Response Times (in secs)	90th Percentile	Average	Maximum
Menu	0.50	0.246	0.810
New-Order	3.600	1.546	56.524
Payment	3.600	1.575	57.909
Order-Status	3.200	1.410	35.477
Delivery(interactive)	0.290	0.347	25.202
Delivery(deferred)	4.00	1.660	28.000
Stock-level	3.00	1.241	27.644

Transaction Mix, in percent of total transactions

New-Order	44.84%
Payment	43.05%
Order-Status	4.03%
Delivery	4.04%
Stock-level	4.04%

Keying/Think Times (in secs)	Average.	Min.	Maximum
New-Order	18.02/12.19	18.01/0	18.88/122.00
Payment	3.02/12.20	3.01/0	3.39/122.00
Order-Status	2.02/10.21	2.01/0	2.37/102.50
Delivery	2.02/5.20	2.01/0	2.33/52.00
Stock-level	2.02/5.21	2.01/0	2.12/52.00

Test Duration

Ramp-up time	43 minutes
Measurement Interval	30 minutes
Number of checkpoints	1
Checkpoint Interval	30 minutes
Number of transactions (all types) completed in measurement interval	4489072

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Preface

This report documents the compliance of the Sun Microsystems TPC Benchmark TMC testing on the Enterprise 4500 Server running Fujitsu SymfoWARE Server Enterprise Edition for VLM 3.0 with the *TPC Benchmark TMC Standard Revision 3.5*.

These tests were run using the Fujitsu SymfoWARE Server Enterprise Edition for VLM 3.0 running with Solaris 8 on the Enterprise 4500 Server and BEA Tuxedo 6.3 on the Ultra 10 Model 440 clients.

Document Structure

The *TPC Benchmark TMC Full Disclosure Report* is organized as follows:

- The main body of the document lists each item in Clause 8 of the TPC Benchmark TMC Standard and explains how each specification is satisfied.
- Appendix A contains the application source code that implements the transactions and forms modules.
- Appendix B contains the code used to create and load the database.
- Appendix C contains the configuration information for the operating system, the RDBMS and Tuxedo.
- Appendix D contains the 180-day space calculations.
- Appendix E contains the code used to generate transactions and measure response times.
- Appendix F contains the screen layouts of all the forms.
- Appendix G contains the price quotes.

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Enterprise 4500 TPC Benchmark *™C Full Disclosure*



Introduction

The *TPC Benchmark™C Standard Specification* requires test sponsors to publish, and make available to the public, a full disclosure report for the results to be considered compliant with the Standard. The required contents of the full disclosure report are specified in Clause 8.

This report is intended to satisfy the Standard's requirement for full disclosure. It documents the compliance of the benchmark tests reported in the *TPC Benchmark™C* results for the Sun Microsystems Enterprise 4500 Server running Fujitsu [SymfoWARE Server Enterprise Edition for VLM 3.0](#).

In the *Standard Specification*, the main headings in Clause 8 are keyed to the other clauses. The headings in this report use the same sequence, so that they correspond to the titles or subjects referred to in Clause 8.

Each section in this report begins with the text of the corresponding item from Clause 8 of the *Standard Specification*, printed in italic type. The plain type text that follows explains how the tests comply with the TPC C™ Benchmark requirement. In sections where Clause 8 requires extensive listings, the section refers to the appropriate appendix at the end of this report.



1- General Items

1.1 Application Code and Definition Statements

The application program (as defined in Clause 2.1.7) must be disclosed. This includes, but is not limited to, the code implementing the five transactions and the terminal input and output functions.

Appendix A and B contains the application source code that implements the transactions and forms modules.

1.2 Sponsor

A statement identifying the benchmark sponsor(s) and other participating companies must be provided.

This benchmark test was sponsored by Sun Microsystems, Inc. and Fujitsu, Inc.

1.3 Parameter Settings

Settings must be provided for all customer-tunable parameters and options which have been changed from the defaults found in actual products, including but not limited to:

- *Database tuning options*
- *Recovery/commit options*
- *Consistency/locking options*
- *Operating system and application configuration parameters*
- *Compilation and linkage options and run-time optimizations used to create/install applications, OS, and/or databases.*

This requirement can be satisfied by providing a full list of all parameters and options.

Appendix C contains all the required parameter settings.

1.4 Configuration Diagrams

Diagrams of both measured and priced configurations must be provided, accompanied by a description of the differences.

The measured configuration was the same as the priced configuration, with the exception that 18.2GB disks were priced in place of 454 9.1GB disks. A total of six 18.2 GB drives were substituted in the configuration to compare performance of the substituted drives. Figure 1 is a diagram of the priced configuration.

Configuration Items for the Enterprise 4500

For the configuration, the server machine was a Sun Enterprise 4500 which consisted of the following:

- 7 CPU/Memory Boards
- 14 UltraSPARC-II 464 MHz Processors with 8MB External Cache each
- 28 Gb of main memory
- 1 Sbus I/O board
- 18 Sun StorEdge A5200 Array (22 x 9 GB FCAL disks in each)*
- 4 Sun StorEdge A1000 Array (12 x 9 GB SCSI disks in each)*
- 2 FCAL 100MB/s Sbus Host Adaptor
- 6 FCAL GBIC Modules
- 54.6GB Disk Multipack (6 x 9GB UltraSCSI disks)*
- Internal CD-ROM
- 12-24GB 4mm DDS-3 Backup Tape Device
- 2 additional PS/300W power supply modules

The twenty client machines were Ultra 10S UltraSPARC-II 440 MHz system. Each contained:

- One UltraSPARC-II 440 MHz Processor.
- 1024 MB of Main Memory.
- One Internal SCSI-2 controller.
- One Internal 9 GB SCSI disk.*



- Internal CD-ROM.
- Quad FastEthernet Controller

*These drives were substituted with 18.2 GB when priced

The benchmark configuration used a Remote Terminal Emulator (RTE) to emulate TPC-C user sessions. The driver systems were directly connected through ethernet to the clients which emulated the database client sessions.

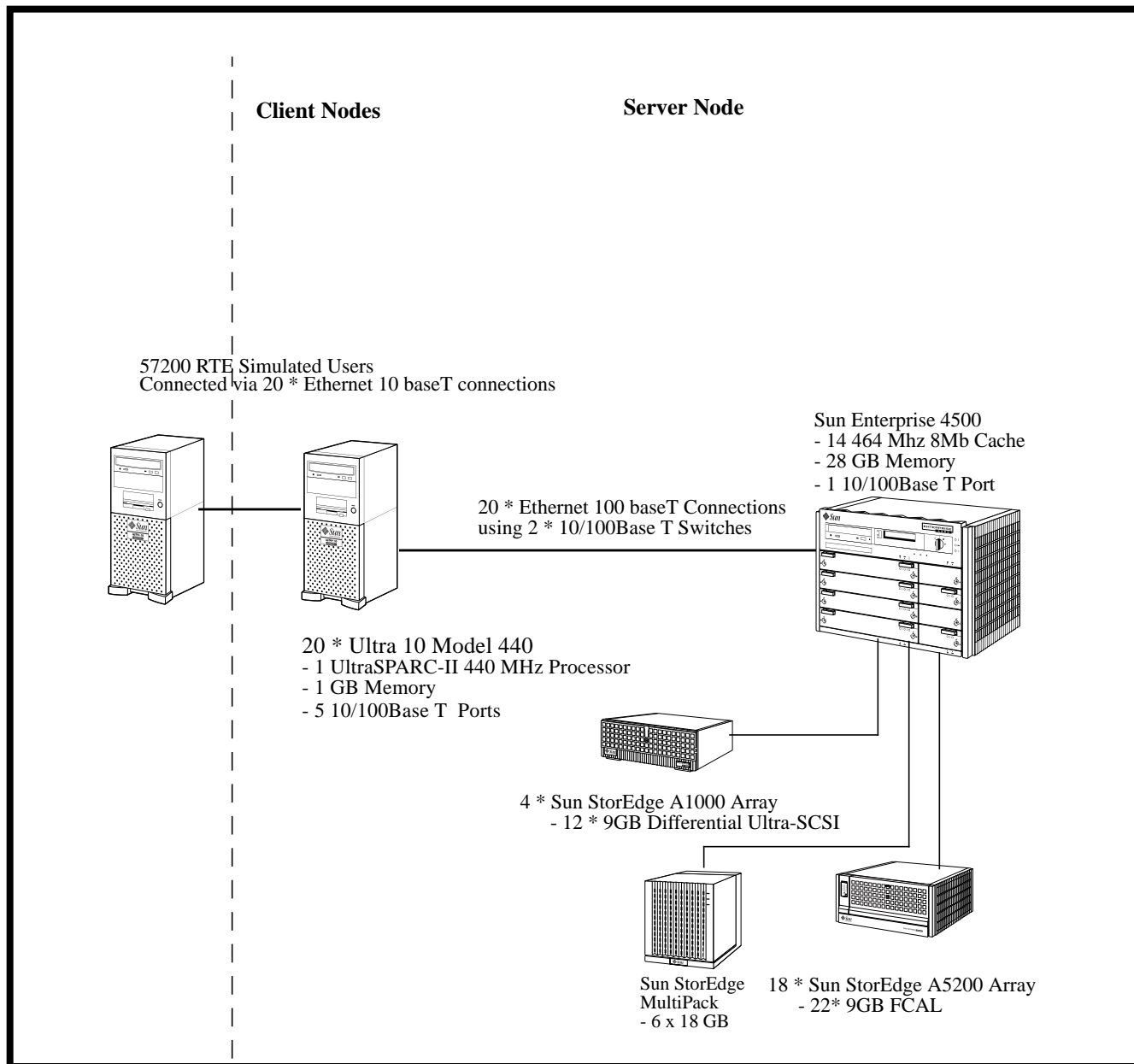


Figure 1: The Sun Enterprise 4500 Benchmark Configuration



2 - Clause 1 Related Items

2.1 Table Definitions

Listing must be provided for all table definition statements and all other statements used to set up the database.

Appendix B describes the programs that define, create, and populate a Fujitsu SymfoWARE database for TPC-C testing.

2.2 Physical Organization of Database

The physical organization of tables and indices, within the database, must be disclosed.

Appendix B discloses the organization of tables and indices on the disks.

2.3 Insert and Delete Operations

It must be ascertained that insert and/or delete operations to any of the tables can occur concurrently with the TPC-C transaction mix. Furthermore, any restrictions in the SUT database implementation that precludes inserts beyond the limits defined in Clause 1.4.11 must be disclosed. This includes the maximum number of rows that can be inserted and the maximum key value for these new rows.

All insert and delete functions were verified and fully operational during the entire benchmark.

2.4 Partitioning

While there are a few restrictions placed upon horizontal or vertical partitioning of tables and rows in the TPC-C benchmark (see Clause 1.6), any such partitioning must be disclosed.

All tables were horizontally partitioned except for Items. Each table was horizontally partitioned following the w-id values given below:

Table 1: DSI (Data Structure Instance)

Table	w-id
Warehouse	88
District	88
Customer	11
History	11
Orders	11
New order	11
Order line	11
Stock	44

2.5 Table Replication

Replication of tables, if used, must be disclosed (see Clause 1.4.6).

No tables were replicated in this implementation.

2.6 Table Attributes

Additional and/or duplicated attributes in any table must be disclosed along with a statement on the impact on performance (see Clause 1.4.7).

No additional or duplicate attributes were added to any of the tables.

3 - Clause 2 Related Items

3.1 Random Number Generation

The method of verification for the random number generation must be described.

The Random Number Generator used was the one that appeared in the article titled “Random Number Generators: Good Ones Are Hard To Find” in the communications of the ACM - October 1988, Volume 31, Number 10. The properties of this random



number generator are well-known and are documented in the article as producing a uniformly distributed pseudo-random sequence. To generate a random number, the driver programs first use a seed based on the host address, current time and the process-id of the respective session. This guarantees that each emulated user on all the RTE machines is mathematically independent of others.

3.2 Input/Output Screen Layouts

The actual layout of the terminal input/output screens must be disclosed.

The screen layouts are shown in Appendix F.

3.3 Terminal Feature Verification

The method used to verify that the emulated terminals provide all the features described in Clause 2.2.2.4 must be explained.

The terminal attributes were verified by the auditor manually exercising each specification during the onsite audit portion of this benchmark.

3.4 Presentation Manager or Intelligent Terminal

Any usage of presentation managers or intelligent terminals must be explained.

The TPC-C forms module was implemented using the capabilities of an xterm terminal emulator.

3.5 Transaction Statistics

Table 1 lists the numerical quantities that Clauses 8.1.3.5 to 8.1.3.11 requires.

Table 1: Transaction Statistics

Transaction Type	Statistics	Percentage
New Order	Home warehouse	99.005
	Remote warehouse	.995
	Rolled back transactions	1.001
	Average items per order	10.001

Table 1: Transaction Statistics

Transaction Type	Statistics	Percentage
Payment	Home warehouse	84.989
	Remote warehouse	15.011
	Non-primary key access	59.975
Order Status	Non-primary key access	60.028
Delivery	Skipped transactions	0.00
Transaction Mix	New order	44.84
	Payment	43.05
	Order status	4.03
	Delivery	4.04
	Stock level	4.04

3.6 Queueing Mechanism

The queueing mechanism used to defer the execution of the Delivery transaction must be disclosed.

Delivery transactions were submitted to servers using the same Tuxedo call mechanism that other transactions used. The only difference was that the call was asynchronous - i.e., control returned to the client process immediately and the deferred delivery completed asynchronously.

4 - Clause 3 Related Items

4.1 Transaction System Properties (ACID)

The results of the ACID tests must be disclosed along with a description of how the ACID requirements were met. This includes disclosing which case was followed for the execution of Isolation Test 7.



The TPC Benchmark C Standard Specification defines a set of transaction processing system properties that a system under test (SUT) must support during the execution of the benchmark. Those properties are Atomicity, Consistency, Isolation, and Durability (ACID).

This section defines each of these properties, describes the steps taken to ensure that they were present during the test and describes a series of tests done to demonstrate compliance with the standard.

4.2 Atomicity

The System under test must guarantee that transactions are atomic; the system will either perform all individual operations on the data, or will assure that no partially-completed operations leave any effects on the data.

4.2.1 Completed Transaction

Perform the Payment transaction for a randomly selected warehouse, district, and customer (by customer number as specified in Clause 2.5.1.2) and verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have been changed appropriately.

A row was randomly selected from the warehouse, district and customer tables, and the balances noted. A payment transaction was started with the same warehouse, district and customer identifiers and a known amount. The payment transaction was committed and the rows were verified to contain correctly updated balances.

4.2.2 Aborted Transaction

Perform the Payment transaction for a randomly selected warehouse, district, and customer (by customer number as specified in Clause 2.5.1.2) and substitute a ROLLBACK of the transaction for the COMMIT of the transaction. Verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have NOT been changed.

A row was randomly selected from the warehouse, district and customer tables, and the balances noted. A payment transaction was started with the same warehouse, district and customer identifiers and a known amount. The payment transaction was rolled back and the rows were verified to contain the original balances.

4.3 Consistency

Consistency is the property of the application that requires any execution of a database transaction to take the database from one consistent state to another, assuming that the database is initially in a consistent state.

The benchmark specification requires explicit demonstration of the following four consistency conditions:

- The sum of the district balances in a warehouse is equal to the warehouse balance;
- For each district, the next order id minus one is equal to the maximum order id in the ORDER table and equal to the maximum new order id in the NEW-ORDER table;
- For each district, the maximum order id minus minimum order id in the ORDER table plus one equals the number of rows in the NEW-ORDER table for that district;
- For each district, the sum of the order line counts in the ORDER table equals the number of rows in the ORDER-LINE table for that district;

These consistency conditions were tested using a shell script to issue queries to the database. The results of the queries verified that the database was consistent for all four tests.

A performance run was completed including a full 30 minutes of steady state and checkpoints.

The shell script was executed again. The result of the same queries verified that the database remained consistent after the run.

4.4 Isolation

Isolation can be defined in terms of phenomena that can occur during the execution of concurrent transactions. These phenomena are P0 (“Dirty Write”), P1 (“Dirty Read”), P2 (“Non-repeatable Read”) and P3 (“Phantom”). The table in Clause 3.4.1 of

the TPC-C specifications defines the isolation requirements which must be met by the TPC-C transactions. Sufficient conditions must be enabled at either the system or application level to ensure the required isolation is maintained.



Isolation tests one through nine were executed using shell scripts to issue queries to the database. Each script included timestamps to demonstrate the concurrency of operations. The results of the queries were captured to files. The captured files were verified by the auditor to demonstrate the required isolation had been met.

For Isolation test seven, case A was followed.

4.5 Durability

The tested system must guarantee durability: the ability to preserve the effects of committed transactions and insure database consistency after recovery from any one of the failures listed in Clause 3.5.3.

List of single failures:

Permanent irrecoverable failure of any single durable medium containing TPC-C database tables or recovery log data.

Instantaneous interruption (system crash/system hang) in processing which requires system reboot to recover.

Failure of all or part of memory (loss of contents).

4.5.1 Durable Media Failure

To demonstrate recovery from a permanent failure of durable media containing the SymfoWARE recovery log data and TPC-C tables, the following steps were executed on a database of 5,720 warehouses:

1. The database was backed up to extra disks.
2. The total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving the beginning count.
3. The RTEs were started with 57,200 users.
4. The test was allowed to run for a minimum of 5 minutes.
5. One of the log disks was powered off by removing it from the cabinet. Since the log was mirrored, the transactions continued to run without interruption.
6. The test was allowed to run for another 5 minutes and a disk failure was caused by removing a disk from the disk cabinet.

7. The RTEs were shut down.
8. A new disk was inserted into the disk cabinet and the data disk was reformatted to simulate a complete loss of data.
9. SymfoWARE was restarted.
10. Data from the backup disk was copied to the new disk and SymfoWARE used the transaction logs to roll forward the recovery data from committed transactions.
11. Step 2 was repeated and the difference between the first and second counts noted.
12. The success file was used to determine the number of NEW_ORDERS successfully returned to the RTEs.
13. The counts in step 11 and 12 were compared, and the results verified that all committed transactions were successfully recovered.
14. Data from the success file was used to query the database to demonstrate that successful transactions had corresponding rows in the ORDER table and that rolled back transactions did not.

4.5.2 Instantaneous Interruption and Loss of Memory

Because loss of power erases the contents of memory, the instantaneous interruption and the loss of memory tests were combined into a single test. This test was executed on a fully scaled database of 5,720 warehouses under a full load of 57,200 users. The following steps were executed:

1. The total number of orders was determined by the sum of D_NEXT_O_ID of all rows in the DISTRICT table giving the beginning count.
2. The RTE was started with 57,200 users.
3. The test was allowed to run for a minimum of 30 minutes.
4. A checkpoint was enforced.
5. The test was allowed to run for another minute.
6. The primary power to the processor was shutdown.
7. The RTE was shutdown.
8. Power was restored and the system performed an automatic recovery.



9. SymfoWARE was restarted and performed an automatic recovery.
10. Step 1 was repeated and the difference between the first and second counts was noted.
11. The success file was used to determine the number of NEW-ORDERS successfully returned to the RTE.
12. The counts in step 10 and 11 were compared and the results verified that all committed transactions had been successfully recovered.
13. Data from the success file was used to query the database to demonstrate successful transactions had corresponding rows in the ORDER table, and rolled back transactions did not.

5 - Clause 4 Related Items

5.1 Initial Cardinality of Tables

The Cardinality (e.g. number of rows) of each table, as it existed at the start of the benchmark run (see Clause 4.2), must be disclosed. If the database was over-scaled and inactive rows of the WAREHOUSE table were deleted (see Clause 4.2.2) the cardinality of the WAREHOUSE table as initially configured and the number of rows deleted must be disclosed.

Table 2: Initial Cardinality of Tables

Table	Occurrences
Warehouse	5,720
District	57,200
Customer	171,600,000
History	171,600,000
Orders	171,600,000
New order	51,480,000

Table 2: Initial Cardinality of Tables

Table	Occurrences
Order line	1,716,079,228
Stock	572,000,000
Item	100,000

5.2 Database Layout

The distribution of tables and logs across all media must be explicitly depicted for the tested and priced systems.

The distribution of database tables over the 390 disks, and the logs across 40 disks of the system is the same distribution of the tested system, 180 day storage growth requirements are made with the substitution of 18 GB drives for some of the 9 GB drives. Figure 1 shows the configuration of the system disks.



5.2.1 Database Layout of Benchmark System.

Table 3: Disk Layout

Device Name	No. of Devices/ Structures	Physical Disks
Log Devices/Mirrors (8 hr)	20	40 disks
warehouse	65	65 disks
district	65	65 disks
customer	520	260 disks
history	520	260 disks
order	520	260 disks
new-order	520	260 disks
order-line	520	260 disks
stock	130	390 disks
item	1	10 disks

The data was striped across a total of 390 disks, 4 of which were 18GB. An additional 18 GB disk was used for the Operating System, swap disk and Fujitsu binaries.

The logs were located on 40 physical disks, 2 of which were 18 GB.

5.3 Type of Database

A statement must be provided that describes:

- 1. The data model implemented by the DBMS used (e.g., relational, network hierarchical).*
- 2. The database interface (e.g., embedded, call level) and access language (e.g., SQL, DL/I, COBOL read/write) used to implement the TPC-C transactions. If more than one interface/access language is used to implement TPC-C, each interface/access language must be described and a list of which interface/access language is used with which transaction type must be disclosed.*

SymfoWARE is a relational database management system. The interface used was SymfoWARE stored procedures embedded in C code.

5.4 Mapping of Database

The mapping of database partitions/replications must be explicitly described.

The database, with the exception of the Item table, was horizontally partitioned. This partitioning is fully described in Section 1.4..

5.5 180 Day Space Computation

Details of the 180 day space computations along with proof that the database is configured to sustain 8 hours of growth for the dynamic tables (Order, Order-Line, and History) must be disclosed (see Clause 4.2.3).

The 180 day space computation is shown in Appendix D.

The archive log grows at the rate of 5.8466KB per New-Order transaction, which was measured from the steady state. The 8 hours log space was 179.5GB at the measured rate and 185.51GB of log space was prepared for the measurement.

For dynamic tables the following steps were followed:

1. The number of rows and number of used blocks were counted on a freshly loaded database.
2. The number of rows was divided by the number of blocks, giving rows per block.
3. The number of rows inserted in 8 hours was estimated equal to tpmC for HISTORY and ORDER, and ten times tpmC for ORDERLINE.
4. The number of rows in step 3 was divided by the number derived in step 2.
5. The number in step 4 was added to the number of used blocks from step 1.
6. The database was queried to show the space allocated exceeded the number in step 5.

6 - Clause 5 Related Items

6.1 Measured tpmC

Measured tpmC must be reported.

The measured tpmC was 67102.63



6.2 Response Times

Ninetieth percentile, maximum and average response times must reported for all transaction types as well as for the menu response time.

Table 4: Response Times

Type	Average	Maximum	90% percentile
New-Order	1.546	56.524	3.600
Payment	1.575	57.909	3.600
Order-Status	1.410	35.477	3.200
Interactive Delivery	0.347	25.202	0.290
Deferred Delivery	1.660	28.000	4.000
Stock-Level	1.241	27.644	3.000
Menu	0.246	0.810	0.500

6.3 Keying and Think Times

The minimum, the average, and the maximum keying and think times must be reported for all transaction types.

Table 5: Keying Times

Type	Average	Minimum	Maximum
New-Order	18.02	18.01	18.89
Payment	3.02	3.01	3.39
Order-Status	2.02	2.01	2.37
Interactive Delivery	2.02	2.01	2.33
Stock-Level	2.02	2.01	2.12

Table 6: Think Times

Type	Average	Minimum	Maximum
New-Order	12.19	0.00	122.0
Payment	12.20	0.00	122.0
Order-Status	10.29	0.00	102.5
Interactive Delivery	5.20	0.00	52.00
Stock-Level	5.20	0.00	52.00



6.4 Response Time Frequency Distribution Curves

Response Time frequency distribution curves (see Clause 5.6.1) must be reported for each transaction type.

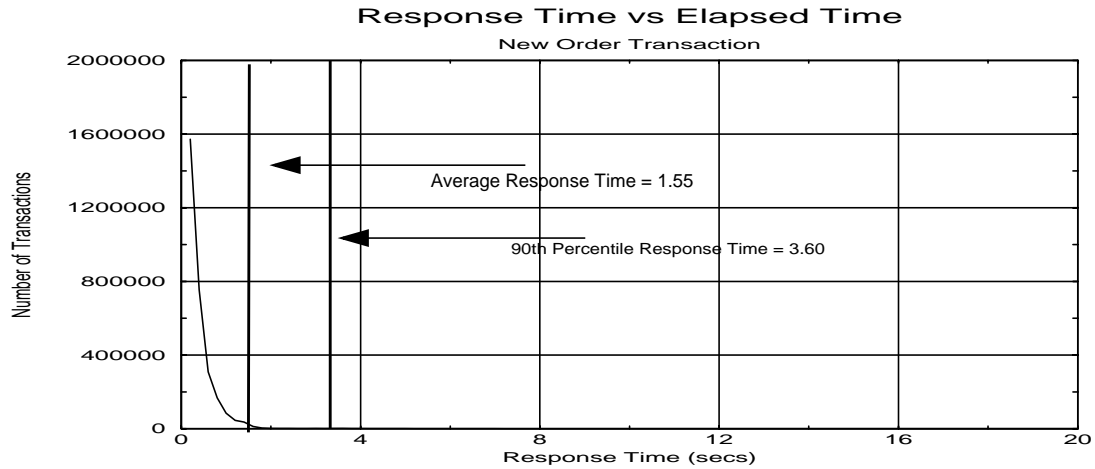


Figure 5: New Order Response Time Distribution

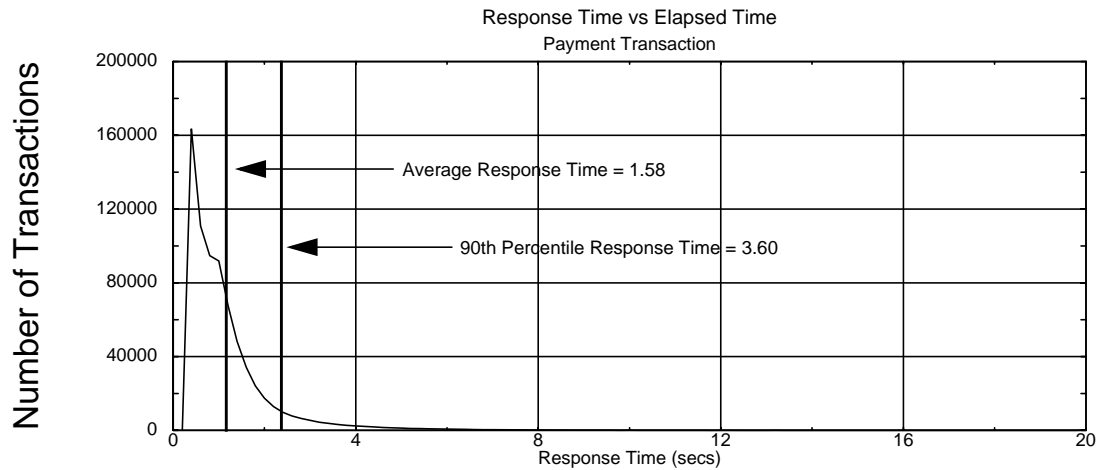


Figure 6: Payment Response Time Distribution

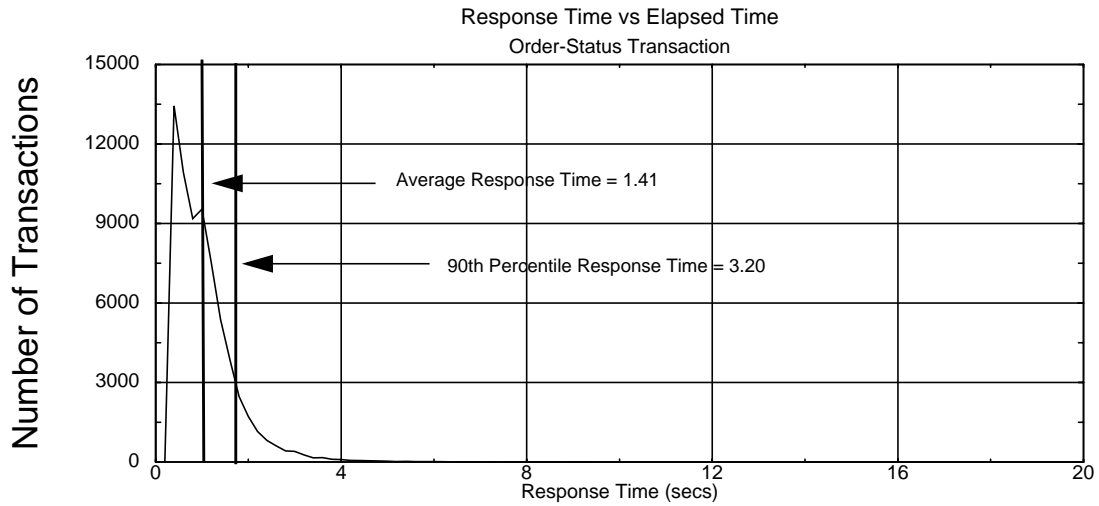


Figure 7: Order Status Response Time Distribution

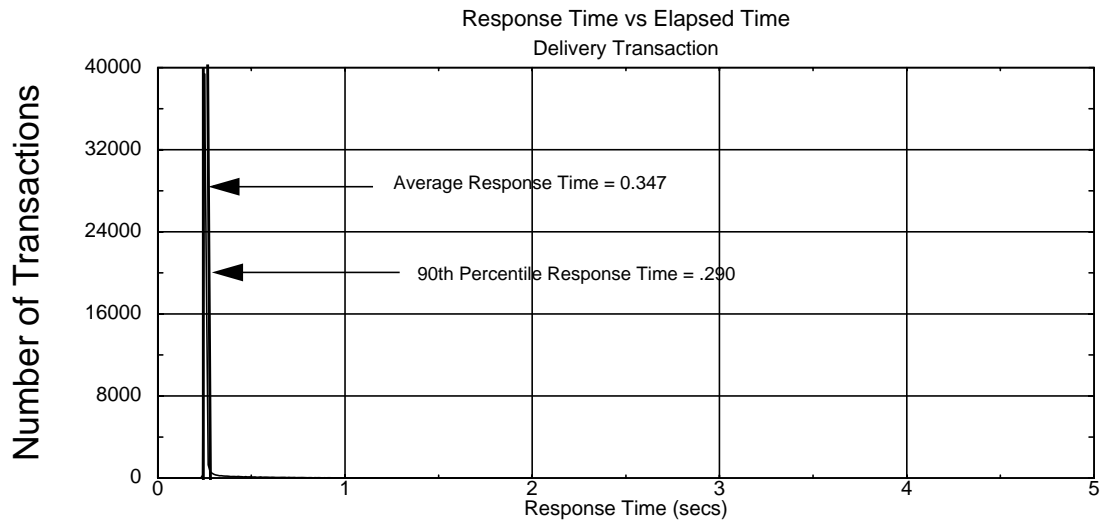


Figure 8: Delivery Response Time Distribution

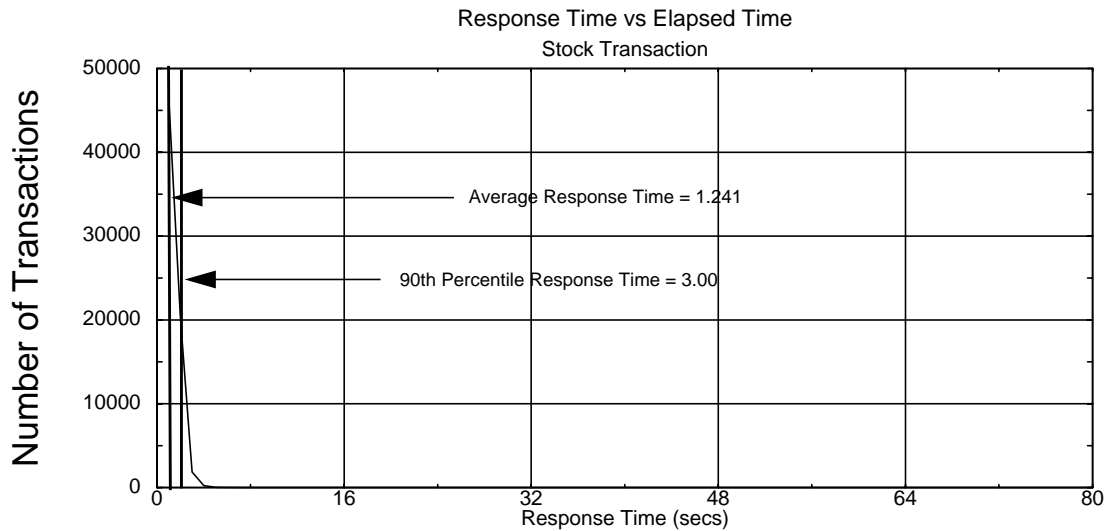


Figure 9: Stock Level Response Time Distribution

6.5 Response time versus throughput

The performance curve for response times versus throughput (see Clause 5.6.2) must be reported for the New Order transaction.

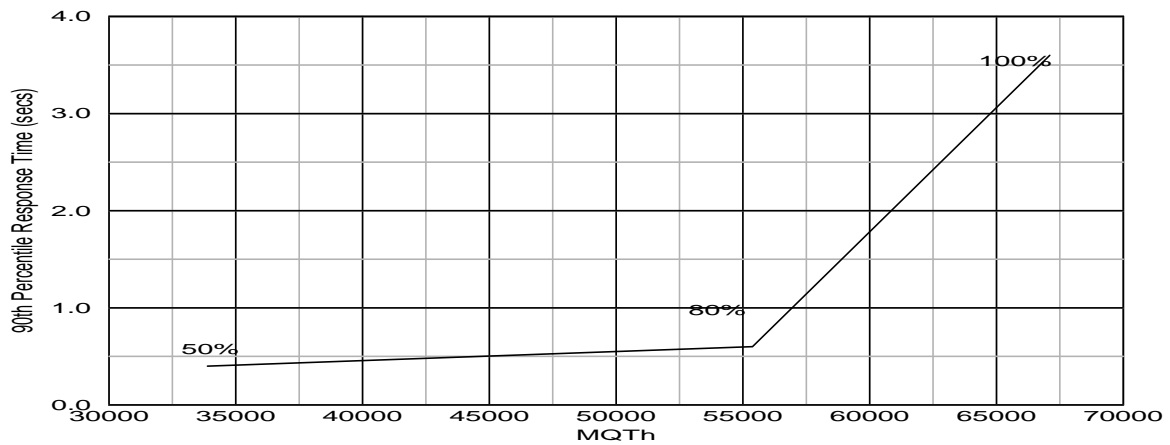


Figure 10: Response Time versus Throughput

6.6 Think Time distribution curves

Think Time frequency distribution curves (see Clause 5.6.3) must be reported for each transaction type.

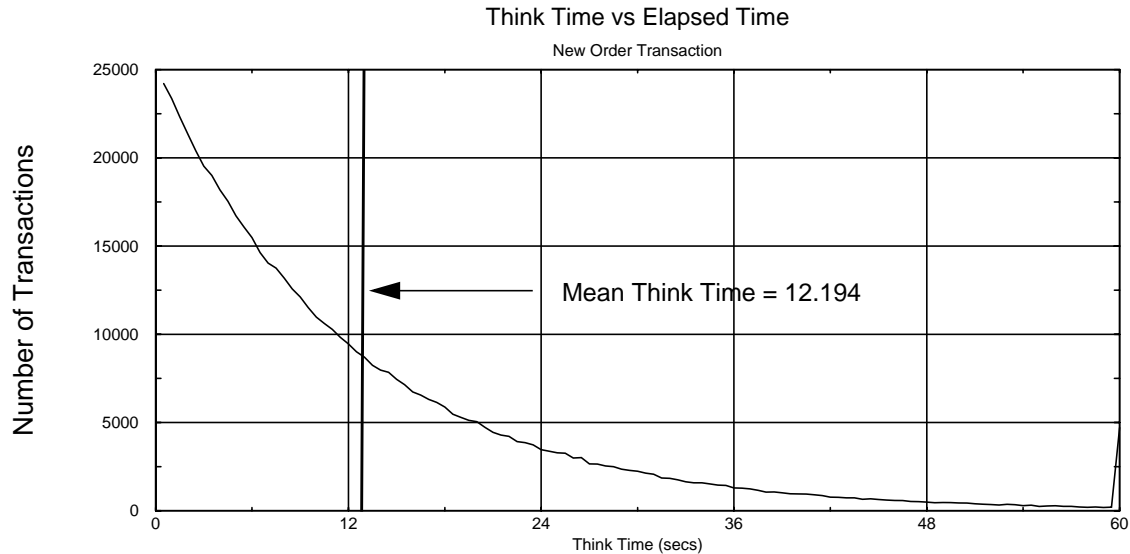


Figure 11: New Order Think Time Distribution

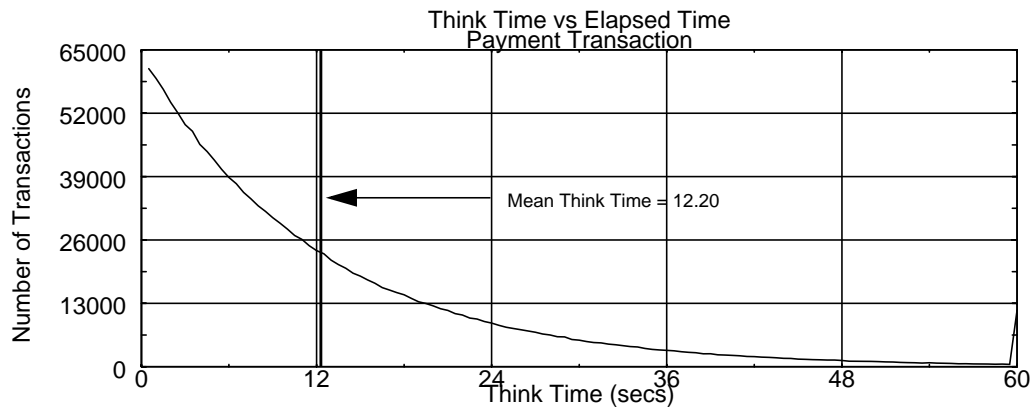


Figure 12: Payment Think Time Distribution

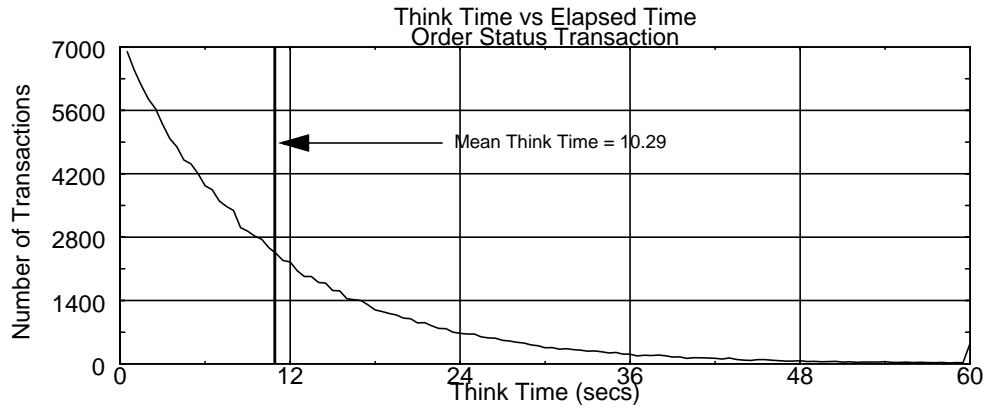


Figure 13: Order Status Think Time Distribution

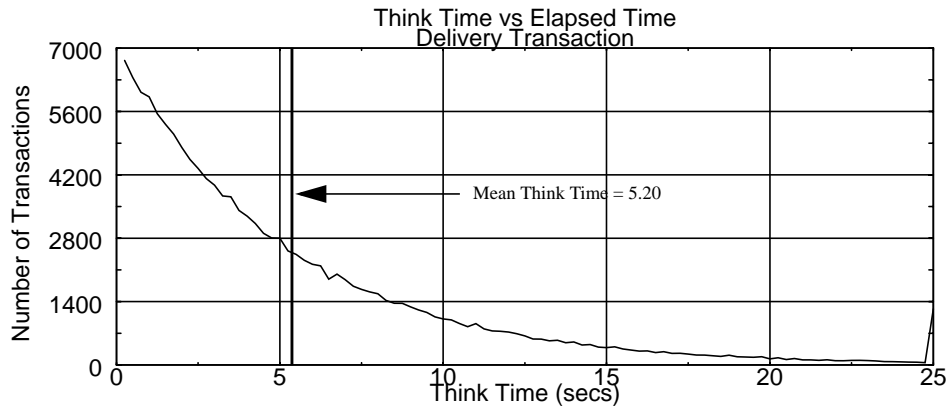


Figure 14: Delivery Think Time Distribution

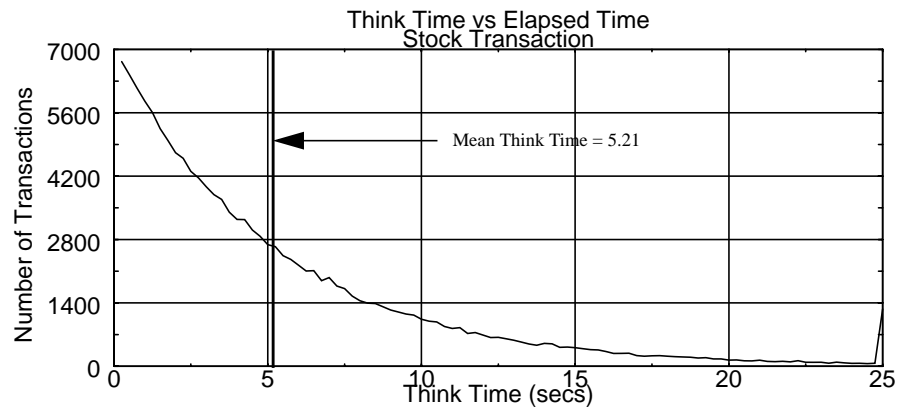


Figure 15: Stock Level Think Time Distribution



6.8 Throughput versus Elapsed Time

A graph of throughput versus elapsed time (see Clause 6.6.5) must be reported for the New-Order transaction.

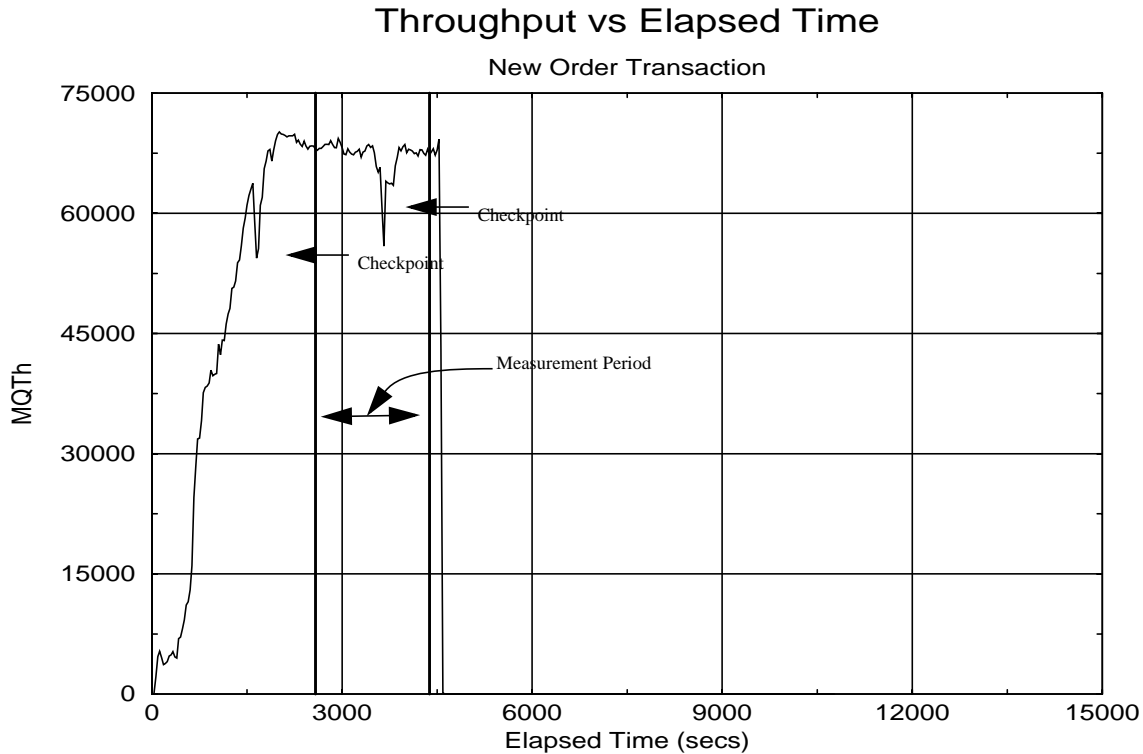


Figure 16: Throughput vs Elapsed Time

6.9 Steady State Determination

The method used to determine that the SUT had reached a steady state prior to commencing the measurement interval (see Clause 5.5) must be described.

The transaction throughput rate (tpmC) and response times were relatively constant after the initial 'ramp up' period. The throughput and response time were verified by examining the throughput (tpmC) graph reported at 30 second intervals for the duration of the benchmark. Ramp up, steady state, and ramp down are clearly discernible in the graph, Figure 16.

6.10 Work Performed During Steady State

A description of how the work normally performed during a sustained test (for example checkpointing, writing redo/undo log records, etc.), actually occurred during the measurement interval must be reported.

6.10.1 Checkpoint

A SymfoWARE checkpoint forces all "dirty" pages (pages that have been updated since they were last written) to be physically written to the durable disks. SymfoWARE executes a checkpoint for the following conditions:

1. The amount of recovery data reaches the value specified at the creation of the temporary log, which contains the before images and after images of each transaction. The interval the recovery data takes to reach the specified value depends upon workload. The temporary log is configured by the rdblog command.
2. Upon an explicit rdbrcp request.

For each benchmark measurement, after all users are active, the script that issues rdbrcp is started manually on the server. The script sleeps and performs another checkpoint every 30 minutes, which is equal to the measurement interval. Rdbrcp notifies the time upon the completion of the checkpoint and the start time and end time of all checkpoints are captured to a flat file. The recovery log is configured to be large enough that no other checkpoint will occur during the measurement. The recovery log is marked as reusable after the checkpoint completes. The positioning of the checkpoint is verified to be clear of the guard zones and is depicted on the graph in Figure 16.

6.11 Reproducibility

A description of the method used to determine the reproducibility of the measurement results must be reported.

The measurement procedure was repeated and the throughput verified to be within less than 2% of the reported measurement.

6.12 Measurement Period Duration

A statement of the duration of the measurement interval for the reported Maximum Qualified Throughput (tpmC) must be included.



The reported measured interval was exactly 30 minutes long.

6.13 Transaction Mix Regulation

The method of regulation of the transaction mix (e.g., card decks or weighted random distribution) must be described. If weighted distribution is used and the RTE adjusts the weights associated with each transaction type, the maximum adjustments to the weight from the initial value must be disclosed.

The weighted distribution algorithm as described in Clause 5.2.4.1 of the TPC-C specification was used to regulate the transaction mix. Weights for the various transactions were statically assigned.

6.14 Numerical Results

The percentage of the total mix for each transaction type must be disclosed.

See Table 1 for results.

6.15 New-Orders Rolled-Back

The percentage of New-Order transactions rolled back as a result of invalid item number must be disclosed.

See Table 1 for results.

6.16 Order-Line Average

The average number of order-lines entered per New-Order transaction must be disclosed.

See Table 1 for results.

6.17 Remote Order-Lines

The percentage of remote order-lines entered per New-Order transaction must be disclosed.

See Table 1 for results.

6.18 Remote Payments

The percentage of remote payment transactions must be disclosed.

See Table 1 for results.

6.19 Customer Lastname

The percentage of customer selections by customer last name in the Payment and Order-Status transactions must be disclosed.

See Table 1 for results.

6.20 Deliverys Skipped

The percentage of Delivery transactions skipped due to there being fewer than necessary orders in the New-Order table must be disclosed.

See Table 1 for results.

6.21 Checkpoints

The number of checkpoints in the Measurement Interval, the time in seconds from the start of the Measurement Interval to the first checkpoint and the Checkpoint Interval must be disclosed.

One checkpoint was recorded before the measured window opened and another checkpoint was started 1140 seconds inside the measured window. Both checkpoints were clear of the guard zone. Checkpoints were started exactly 30 minutes apart.

7 - Clause 6 Related Items

7.1 RTE Description

If the RTE is commercially available, then its inputs must be specified. Otherwise, a description must be supplied of what inputs (e.g. scripts) to the RTE had been used.



The RTE used was developed by Sun Microsystems and is proprietary. It consists of a *master_rte* program which forks off the individual RTE processes and controls the run. After the run completes, a separate report generator program collects all the log files and generates the final statistics of a run.

Inputs to the RTE include the names of the RTE machines to run on, client machines to attach to, the database scale, the ramp-up, measurement and ramp-down times. The script used to set these values is shown below:

```
setenv ramp_up          2580  # ramp_up interval (secs)
setenv stdy_state       1800  # steady-state/measurement interval
                             (secs)
setenv ramp_down        180   # ramp_down interval (secs)
setenv trigger_time     1800  # Trigger time for users to login
setenv scale            5720  # of warehouses
setenv comment          "sol 2.8 : real TPCC 3-tier run with fujitsu
                             using 20 client-rte pairs"
set users = ( 2860 2860 2860 2860 2860 2860 2860 2860 2860 2860 2860
2860 2860 2860 2860 2860 2860 2860 2860 ) # Number of users on
each machine
set rte_machines = ( r1 r2 r3 r4 r5 r6 r7 r8 r9  r10 r11 r12 r13 r14
r15 r16 r17 r18 r19 r20)# Names of rte machines
set clnt_machines = ( c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14
c15 c16 c17 c18 c19 c20) # Names of client machines (same # as #rtes)
set mix = ( 404 807 1209 5514 10000 ) # %Mix of transactions
(stock,del,ords,paym,newo)
set think = ( 5200 5200 10250 12200 12200 ) # Think times in ms for
above tx
```

The code used to generate the transactions and record response times is shown in Appendix E.

7.2 Emulated Components

It must be demonstrated that the functionality and performance of the components being emulated in the Driver System are equivalent to that of the priced system. The results of the test described in Clause 6.6.3.4 must be disclosed.

In the configuration, workstations are connected to the clients via telnet in the same way as the emulated system. The driver system emulates the workstations by making a direct connection to the SUT for each terminal.

7.3 Configuration Diagrams

A complete functional diagram of both the benchmark configuration and the configuration of the proposed (target) system must be disclosed. A detailed list of all software and hardware functionality being performed on the Driver System, and its interface to the SUT must be disclosed (see Clause 6.6.3.6).

Figure 1 is a diagram of the benchmarked configuration and shows the substitutions of the priced configuration. Section 1.4 of this Full Disclosure Report gives details on both configurations.

7.4 Network Configuration

The network configurations of both the tested services and the proposed (target) services which are being represented and a thorough explanation of exactly which parts of the proposed configuration are being replaced with the Driver System must be disclosed (see Clause 6.6.4).

The configuration used one 10BaseT LAN for each driver system, connecting the driver system to the corresponding client and one 100BaseT LAN connecting all the 8 client systems to the server. There were 2860 workstations “terminals” on each.

7.6 Operator Intervention

If the configuration requires operator intervention, the mechanism and the frequency of this intervention must be disclosed.

The Enterprise 4500 Server configuration reported does not require any operator intervention to sustain the reported throughput.



8 - Clause 7 Related Items

8.1 System Pricing

A detailed list of hardware and software used in the priced system must be reported. Each separately orderable item must have vendor part number, description, release/revision level, and either general availability status or committed delivery date. If package-pricing is used, vendor part number of the package and a description uniquely identifying each of the components of the package must be disclosed. Pricing source(s) and effective date(s) of price(s) must also be reported.

A detailed price list is included in the abstract at the beginning of this report.

8.2 Support Pricing

The total 5-year price of the entire configuration must be reported including: hardware, software, and maintenance charges. Separate component pricing is recommended. The basis of all discounts used must be disclosed.

8.2.1 Sun Hardware and Software Support

The Silver Program of the SunService Support Program was used in all Sun pricing calculations. This program provides complete service with both on-site and telephone assistance. Features of this program include telephone assistance from 8:00 am to 5:00 pm, Monday - Friday; and on-site service assistance from 8:00 am to 5:00 pm, Monday - Friday; and Solaris maintenance releases. This service provides live telephone transfer of software fixes and 4 hour on-site response for urgent problems.

Most Sun hardware has a one year warranty. During the warranty period, the monthly price for the Silver Program is 60% of the usual monthly price.

8.3 Discounts

The following generally available discounts to any buyer with like conditions were applied to the priced configurations:

- a 10% Sun support 3 year contract discount
- a 5% Sun support pre-payment discount

8.4 Availability

The Committed delivery date for general availability (availability date) of products used in the price calculations must be reported. When the priced system includes products with different availability dates, the reported availability date for the priced system must be the date at which all components are committed to be available.

All products will be available by September 14, 2001.

8.5 TpmC, Price/TpmC

A statement of the measured tpmC, as well as the respective calculations for 5-year pricing, price/performance (price/tpmC), and the availability date must be included.

The Maximum Qualified Throughput for the Enterprise 4500 was 67102.63 tpmC at \$37.16 per tpmC.

9 - Clause 8 Related Items

9.1 Auditor's Report

The auditor's name, address, phone number, and a copy of the auditor's attestation letter indicating compliance must be included in the Full Disclosure Report.



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 MS MPK12-112
 Palo Alto CA 94303-4900

Kazuhiko Saito
 Director, Development Dept. 1
 Data Server Software Div.
 Software Group
 FUJITSU LIMITED
 140 Miyamoto, numazushi Shizuoka, 410-0396 Japan

March 19, 2001

I verified the TPC Benchmark™ C performance of the following Client Server configuration:

Platform: **Sun Enterprise E4500**
 Operating system: **Solaris 8**
 Database Manager: **SymfoWARE Server Enterprise Edition VLM 3.0**
 Transaction Manager: **BEA Tuxedo 6.3**

The results were:

CPU's Speed	Memory	Disks	NewOrder 90% Response Time	tpmC
Server: Sun Enterprise 4500				
14 x 464 MHz UltraSPARC II	28 GB Main (8MB L2 Cache per processor)	450 x 18.2 GB	3.60 Seconds	67102.63
Eight (8) Clients: Sun Ultra 10 Model 440 (Specification for each)				
20 x 440 MHz UltraSPARC II	1 GB Main (2MB L2 Cache per processor)	1 x 18.2 GB	n/a	n/a

In my opinion, these performance results were produced in compliance with the TPC's requirements for the benchmark. The following verification items were given special attention:

- The database records were the proper size
- The database was properly scaled and populated
- The required ACID properties were met
- The transactions were correctly implemented
- Input data was generated according to the specified percentages
- The transaction cycle times included the required keying and think times



- The reported response times were correctly measured.
- All 90% response times were under the specified maximums
- At least 90% of all delivery transactions met the 80 Second completion time limit
- The reported measurement interval was 30 minutes (1800 seconds)
- The reported measurement interval was representative of steady state conditions
- One checkpoint was taken during the reported measurement interval
- The repeatability of the measured performance was verified
- The 180 day storage requirement was correctly computed
- The system pricing was verified for major components and maintenance

Additional Audit Notes:

The measured system included (444) Seagate ST39102LC 10K rpm drives (9.1 GB disks) that were substituted by (444) Seagate ST318203LC 10K rpm drives (18.2 GB disks) in the priced configuration. Based on the specifications of these disks and on additional performance data collected on these disks, it is my opinion that this substitution does not have a material effect on the reported performance.

Respectfully Yours,

François Raab, President

Bradley J. Askins, Auditor

Appendix A: Application Code



This Appendix contains the application source code that implements the transactions and Forms modules.

```
#define FFLUSH_OUT
#define PRT_TRANNUM
#ifdef NO_SQL
#else
#define USE_SQL_MODE
#endif
/* #define TAMESHI_OZA */
#ifndef TAMESHI_OZA
short o_ol_cnt_kari;
#endif

/*****
/** TPCC.pc    COPYRIGHT FUJITSU LIMITED 1997
**/
/** :                               **/
/** :                               **/
/** : SymfoWARE RDB TPC-C Benchmark    **/
/** : Appendix B Server Source Code    **/
/** : 1996/09/06                               **/
/** : 1997/02/24 (New-order,Order-status) **/
/** : 1997/03/13 Revision3.3 : Any Error(Clause 2.3.6) **/
/** : 1998/03/02 NT    K.Sugiyama & M.Suzuki **/
/** : 1998/06.01 FML    M.Suzuki **/
/** : 1998/07/14          M.Suzuki **/
/** : 1998/08/21 1000WH    M.Suzuki **/
/** : 1998/08/27 stocklevel commit    M.Suzuki **/
/** : 1998/11/19          T.Moriai **/
/** : 1999/05/27    id    K.Serizawa **/
/*****
*
*
*
* SV-APL-0001 2000/11/16 2000    K.Sugiyama
* SV-APL-0002 2000/12/05 print tran-num    S.Kashimoto
* SV-APL-0003 2000/12/12 print illegal oid    S.kashimoto
* SV-APL-0004 2000/12/18 interrupted stored procedure S.Kashimoto
*
*
*****/

#ifdef NT
#include <windows.h>
#endif

#include <sys/types.h>
#include <time.h>
/*#include <sys/time.h>*/
/*#include <sys/times.h>*/
#include <stdio.h>
/*#include <sys/param.h>*/
/*#include <sys/ipc.h>*/
/*#include <sys/msg.h>*/
#include <math.h>
#include <stdlib.h>

#ifdef NT
#include <unistd.h>
#endif

#include <string.h>

#include "tmenv.h"
#include "atmi.h"
#include "bench2.h"
/* 98.03.02                                nop */
/*#include <userlog.h>*/
/* 98.03.02 */

#ifdef USE_FML /* 98.05.21 */
# include "fml.h"
# include "fldtbl.h"
#endif
```

```

/* 98.03.02 */
/*#define NT
*/
/* (gettimeofday) (GetSystemTime) (SYSTEMTIME)
include */

#ifdef NT
#include <WYPES.H>
#endif
/* 98.03.02 */

/* 98.07.01 */
#include <stdio.h>
/* 98.07.01 */

EXEC SQL INCLUDE bench1.h;
EXEC SQL INCLUDE stored.h; /* stored 1996.9.25 sato
*/
#define INTNULL -32768

/* #define TRACE on */
#define DP userlog
#define RDB_NORMAL 0

/* 98.03.02 */
/* 98.07.07 */
#ifdef NT
/*****
// #define TIMES GetSystemTime(&systemtime);
// tp.tv_sec = ((systemtime.wYear - 1970) *365*24*3600)
// + ((systemtime.wMonth - 1) *30*24*3600
// + ((systemtime.wDay - 1) *24*3600
// + (systemtime.wHour * 3600
// + (systemtime.wMinute * 60
// + (systemtime.wSecond );
// tp.tv_usec = systemtime.wMilliseconds * 1000;
// tv_st_sec=tp.tv_sec; tv_st_usec=tp.tv_usec;
*****/
#define TIMES GetSystemTime(&systemtime);\
yDay = 0;\
switch(systemtime.wMonth - 1){\
case 11: yDay += 30;\
case 10: yDay += 31;\
case 9: yDay += 30;\
case 8: yDay += 31;\
case 7: yDay += 31;\
case 6: yDay += 30;\
case 5: yDay += 31;\
case 4: yDay += 30;\
case 3: yDay += 31;\
case 2: /* */\
(((systemtime.wYear % 4 == 0) && (systemtime.wYear %
100 != 0)) || \
((systemtime.wYear % 4 == 0) && (systemtime.wYear %
400 == 0)))\
?(yDay += 29): (yDay += 28);\
case 1: yDay += 31;\
default: break;\
}\
/* */\
tp.tv_sec = systemtime.wSecond + /* */\
(systemtime.wMinute * 60) + /* */\
((systemtime.wHour * 3600) + /* */\
(systemtime.wDay - 1) * 3600 * 24); /* */\
tp.tv_sec += (yDay * 3600 * 24); /* */\
/* */\
yDiff = systemtime.wYear - 1970; /* 1970 ( ) */\
work_day = (yDiff / 4);\
tp.tv_sec += ((yDiff * 365) + work_day) * 24 * 3600;\
tp.tv_usec = systemtime.wMilliseconds;\
time_sec=tp.tv_sec-tv_st_sec;\
if(tp.tv_usec < tv_st_usec) \
{ time_usec=1000-tv_st_usec+tp.tv_usec; time_sec=time_sec-1; } \
else \
time_usec=tp.tv_usec-tv_st_usec; \
time_usec=time_sec*1000+time_usec; \
if(NUM!=999) \
((systemtime.wYear * 3600) + /* */\
(systemtime.wDay - 1) * 3600 * 24); /* */\
tp.tv_sec += (yDay * 3600 * 24); /* */\
/* */\
yDiff = systemtime.wYear - 1970; /* 1970 ( ) */\
work_day = (yDiff / 4);\
tp.tv_sec += ((yDiff * 365) + work_day) * 24 * 3600;\
tp.tv_usec = systemtime.wMilliseconds;\
tv_st_sec=tp.tv_sec; tv_st_usec=tp.tv_usec;
#endif

#else
#define TIMES Gettimeofday(&tp); tv_st_sec=tp.tv_sec; tv_st_usec=tp.tv_usec;
#endif

#ifdef NT
/*****
// #define TIMEE(NUM)
// GetSystemTime(&systemtime);
// tp.tv_sec = ((systemtime.wYear - 1970) *365*24*3600)
// + ((systemtime.wMonth - 1) *30*24*3600
// + ((systemtime.wDay - 1) *24*3600
// + (systemtime.wHour * 3600
// + (systemtime.wMinute * 60
// + (systemtime.wSecond );
*****/
#define TIMEE(NUM) \
GetSystemTime(&systemtime);\
yDay = 0;\
switch(systemtime.wMonth - 1){\
case 11: yDay += 30;\
case 10: yDay += 31;\
case 9: yDay += 30;\
case 8: yDay += 31;\
case 7: yDay += 31;\
case 6: yDay += 30;\
case 5: yDay += 31;\
case 4: yDay += 30;\
case 3: yDay += 31;\
case 2: /* */\
(((systemtime.wYear % 4 == 0) && (systemtime.wYear % 100 != 0)) || \
((systemtime.wYear % 4 == 0) && (systemtime.wYear % 400 == 0)))\
?(yDay += 29): (yDay += 28);\
case 1: yDay += 31;\
default: break;\
}\
/* */\
tp.tv_sec = systemtime.wSecond + /* */\
(systemtime.wMinute * 60) + /* */\
((systemtime.wHour * 3600) + /* */\
(systemtime.wDay - 1) * 3600 * 24); /* */\
tp.tv_sec += (yDay * 3600 * 24); /* */\
/* */\
yDiff = systemtime.wYear - 1970; /* 1970 ( ) */\
work_day = (yDiff / 4);\
tp.tv_sec += ((yDiff * 365) + work_day) * 24 * 3600;\
tp.tv_usec = systemtime.wMilliseconds;\
time_sec=tp.tv_sec-tv_st_sec;\
if(tp.tv_usec < tv_st_usec) \
{ time_usec=1000-tv_st_usec+tp.tv_usec; time_sec=time_sec-1; } \
else \
time_usec=tp.tv_usec-tv_st_usec; \
time_usec=time_sec*1000+time_usec; \
if(NUM!=999) \

```

```

    { fprintf(time_fd,"SQL_NUM = %d EACH_TIME=
%d\n",NUM,time_usec); \
      all_time(NUM,time_sec,time_usec); \
    } \
    else \
    { fprintf(time_fd,"ALL_NUM = %d EACH_TIME= %d.%06d\n", \
      NUM, time_sec, time_usec); \
    }
#else
#define TIMEE(NUM) \
  Gettimeofday(&tp);\
  time_sec=tp.tv_sec-tv_st_sec;\
  if(tp.tv_usec < tv_st_usec) \
  { time_usec=1000000-tv_st_usec+tp.tv_usec; time_sec=time_sec-1;
} \
  else \
  time_usec=tp.tv_usec-tv_st_usec; \
  time_usec=time_sec*1000000+time_usec; \
  if(NUM!=999) \
  { fprintf(time_fd,"SQL_NUM = %d EACH_TIME=
%d\n",NUM,time_usec); \
    all_time(NUM,time_sec,time_usec); \
  } \
  else \
  { fprintf(time_fd,"ALL_NUM = %d EACH_TIME= %d.%06d\n", \
    NUM, time_sec, time_usec); \
  }
#endif
/* 98.03.02 */

/*#define SOLARIS */ /* 98.02.23 suzuki */

#ifdef UXP_DS /* 98.02.23 suzuki */
#define Gettimeofday(a) gettimeofday(a)
/* 98.03.02 */
#elif defined NT
// #define Gettimeofday(a) GetSystemTime(&systemtime);
// *a.tv_sec = ((systemtime.wYear - 1970) *365*24*3600
// + ((systemtime.wMonth - 1) *30*24*3600)
// + ((systemtime.wDay - 1) *24*3600)
// + (systemtime.wHour * 3600)
// + (systemtime.wMinute * 60)
// + (systemtime.wSecond);
// *a.tv_usec = systemtime.wMilliseconds * 1000;
#define Gettimeofday(a) GetSystemTime(&systemtime);\
  yDay = 0;\
  switch(systemtime.wMonth - 1){\
  case 11: yDay += 30;\
  case 10: yDay += 31;\
  case 9: yDay += 30;\
  case 8: yDay += 31;\
  case 7: yDay += 31;\
  case 6: yDay += 30;\
  case 5: yDay += 31;\
  case 4: yDay += 30;\
  case 3: yDay += 31;\
  case 2:\
  /* */\
  (((systemtime.wYear % 4 == 0) && (systemtime.wYear
% 100 != 0)) || \
  ((systemtime.wYear % 4 == 0) && (systemtime.wYear
% 400 == 0)))\
  ?(yDay += 29): (yDay += 28);\
  }
  case 1: yDay += 31;\
  default: break;\
  }\
  *a.tv_sec = systemtime.wSecond + /* */\
  (systemtime.wMinute * 60) + /* */\
  ((systemtime.wHour) * 3600) + /* */\
  ((systemtime.wDay - 1) * 3600 * 24); /* */\
  *a.tv_sec += (yDay * 3600 * 24); /* */\
  /* */\
  /* */\
  yDiff = systemtime.wYear - 1970; /* 1970 ( ) */\
  work_day = (yDiff / 4);\
  *a.tv_sec += ((yDiff * 365) + work_day) * 24 * 3600;\
  *a.tv_usec = systemtime.wMilliseconds;
/* 98.03.02 */
#else
#define Gettimeofday(a) gettimeofday(a,0)
#endif

/* Function Prototype */
extern int scanstring();

/* add-96.8.23 */
time_t tttt;
time_t t_wk;
char tc_wk[26];
char tc_s[15]; /* 1997.01.27 */

#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL BEGIN DECLARE SECTION;
/*short errorpos_ind;*/
#endif
int tmp_s_i_id;
int tmp_w_id;
int tmp_d_id;

long namecount;

long ol_total;

long low_stock;
long threshold;
int tmp_o_id;
char SQLSTATE[6];

/* 98.06.08 */
int t19,t18,t17,t16,t15,t14,t13,t12,t11,t10,t09,t08,t07,t06,t05,t04,t03,t02;
/* 98.06.08 */

#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL END DECLARE SECTION;

#else

#define OLINSERT OLINSERT_nop
#define JMPCINT2 JMPCINT2_nop
#define JMPCINT3 JMPCINT3_nop
OLINSERT_nop{}
JMPCINT2_nop{}
JMPCINT3_nop{}

```

```

#ifdef NT
#define SQLWAIT_O Sleep( 1 );
#define SQLWAIT_N Sleep( 1 );
#define SQLWAIT_N_C Sleep( 1 );
#define SQLWAIT_N_R Sleep( 2 );
#define SQLWAIT_P Sleep( 1 );
#define SQLWAIT_D Sleep( 5 );
#define SQLWAIT_S Sleep( 2 );
#else
#define SLEEP_MIN 10
#define SQLWAIT_O usleep( 10 * SLEEP_MIN);
#define SQLWAIT_N usleep( 100 * SLEEP_MIN);
#define SQLWAIT_N_C usleep( 10 * SLEEP_MIN);
#define SQLWAIT_N_R usleep( 200 * SLEEP_MIN);
#define SQLWAIT_P usleep( 20 * SLEEP_MIN);
#define SQLWAIT_D usleep( 500 * SLEEP_MIN);
#define SQLWAIT_S usleep( 200 * SLEEP_MIN);
#endif

#endif

neworder_trans *bpn;
payment_trans *bpp;
orderstat_trans *bpo;
delivery_trans *bpd;
stocklvl_trans *bps;

#ifdef USE_FML /* 98.05.21 */
neworder_trans nbuf;
payment_trans pbuf;
orderstat_trans obuf;
delivery_trans dbuf;
stocklvl_trans sbuf;
#endif

/* 98.03.02 */
/* (gettimeofday) */
#ifdef NT
struct _SYSTEMTIME systemtime;
struct tp_tag{
    long tv_sec ;
    long tv_usec ;
};
struct tp_tag tp,tp_e;
#else
struct timeval tp,tp_e;
#endif
/* 98.03.02 */
long tv_st_sec,tv_st_usec;
long time_sec,time_usec;
/* long tv_en_sec,tv_en_usec; for delivery */
long result_o_id[10]; /* for delivery */
int number;
int douitu;

FILE *fd = 0;
FILE *_fd = 0;
FILE *time_fd ;

FILE *delivery_handle = NULL;
FILE *fp;

/* 98.07.01 */
static FILE *tpsvrinit_fp = 0;
static ctr = 0;
/* 98.07.01 */

/* SV-APL-0002 2000/12/05 */
#ifdef PRT_TRANNUM
int newo_commit=0;
int newo_rollback=0;
int newo_error=0;
int newo_retry=0;
#endif

void s_ymdhms()
{
    struct tm tim;

    time(&t_wk) ;
    tim = *( localtime( &t_wk ) ) ;
    sprintf( tc_s, "%04d%02d%02d%02d%02d",
            tim.tm_year + 1900, tim.tm_mon+1, tim.tm_mday,
            tim.tm_hour, tim.tm_min, tim.tm_sec );
    /* tc_s[14] = NULL ; */
    tc_s[14] = 0 ;
}

long c_ymdhms( char *time )
{
    struct tm itm ;
    long otm ;
    int ymdhms ;
    char ctm[3] ;
    /* SV-APL-0001 2000/11/16 K.Sugiyama START */
    char w_buf[5];
    w_buf[4] = '\0' ;
    /* SV-APL-0001 2000/11/16 K.Sugiyama END */
    ctm[2] = '\0' ;

    /* SV-APL-0001 2000/11/16 K.Sugiyama START */
    strncpy( w_buf, &time[0], 4 );
    ymdhms = atoi( w_buf ) - 1900;

    #if 0
        strncpy( ctm , &time[2] , 2 ) ;
        ymdhms = atoi( ctm ) ;
    #endif
    #endif
    /* SV-APL-0001 2000/11/16 K.Sugiyama END */
    itm.tm_year = ymdhms ;

    strncpy( ctm , &time[4] , 2 ) ;
    ymdhms = atoi( ctm ) ;
    itm.tm_mon = ymdhms - 1 ;

    strncpy( ctm , &time[6] , 2 ) ;
    ymdhms = atoi( ctm ) ;
    itm.tm_mday = ymdhms ;

    strncpy( ctm , &time[8] , 2 ) ;
    ymdhms = atoi( ctm ) ;
    itm.tm_hour = ymdhms ;
}

```

```

    strncpy( ctm , &time[10], 2 ) ;
    ymdhms   = atoi( ctm ) ;
    itm.tm_min = ymdhms    ;

    strncpy( ctm , &time[12], 2 ) ;
    ymdhms   = atoi( ctm ) ;
    itm.tm_sec = ymdhms    ;

    itm.tm_isdst = -1      ;

    otm = mktime( &itm )   ;
    return( otm )         ;
}

/*****
/* TPCC                               */
*****/
int TPCC(info,num)
TPSVCINFO *info;
int num;
{
    int mix;
    int k;
    char logname[80]; /* for delivery 1997.02.27 */

    FILE *fp;
    int rtsize;

#ifdef NT
/* 98.07.07 */
    DWORD work,yDay,yDiff,work_day;
#else
/* 98.07.07 */
    long int work,yDay,yDiff,work_day;
#endif

    /* wait for message to come in */

#ifdef USE_FML /* 98.04.09 Ich. */
    mix = Fvall( ( FBFR * )info->data, FML_TRAN, 0 );
#else
    mix = *(int *)info->data;
#endif
#ifdef TRACE
    DP("TPCC-call mix=%d \n",mix);
#endif

    if( mix == 1 )
    {
#ifdef USE_FML /* 98.04.07 Ich. */
        nbuf = *( ( neworder_trans * )Ffind( ( FBFR * )info->data,
        FML_DATA, 0, NULL ) );
        bpn = &nbuf;
#else
        bpn = (neworder_trans *)info->data;
#endif
        rtsize = sizeof(neworder_trans);
        w_id = bpn->w_id ;
        d_id = bpn->d_id ;
        bpn->C_R = 0; /* Commit/Rollback flag */
        tmp_d_id = bpn->d_id;
        c_id = bpn->c_id;
        o_ol_cnt = bpn->o_ol_cnt;

        bpn->C_R = NewOrder();
#ifdef TAMESHI_OZA
        if(bpn->C_R==2){
            FILE *fpoza;

            printf("C_R==2\n");
            fpoza=fopen("/tmp/svrout.oza","a+");
            fprintf(fpoza,"C_R==2 p=%d \n",getpid);
            fflush(fpoza);
        }
#endif

/* SV-APL-0002 2000/12/05 */
#ifdef PRT_TRANNUM
        if(bpn->C_R==2){newo_rollback++;}
        else if(bpn->C_R==1){newo_commit++;}
        else {newo_error++;}
#endif

#ifdef USE_FML /* 98.04.07 Ich. */
        Fchg( ( FBFR * )info->data, FML_DATA, 0, ( char * )bpn,
        sizeof( neworder_trans ) );
#endif
    }
    else if( mix == 2 )
    {
#ifdef USE_FML /* 98.04.07 Ich. */
        pbuf = *( ( payment_trans * )Ffind( ( FBFR * )info->data,
        FML_DATA, 0, NULL ) );
        bpp = &pbuf;
#else
        bpp = (payment_trans *)info->data;
#endif
        rtsize = sizeof(payment_trans);
        w_id = bpp->w_id ;
        d_id = bpp->d_id ;

        c_d_id = bpp->c_d_id;
        c_w_id = bpp->c_w_id;

        strncpy(c_last,"",sizeof(c_last)); /* 960909 */
        strcpy(c_last,bpp->c_last);
        for(k=0 ; k<16; k++)
        {
            if (c_last[k] == 0x00)
            {
                c_last[k] = 0x20;
            }
        }
        c_id = bpp->c_id;
        h_amount = bpp->h_amount;

        bpp->C_R = Payment();
#ifdef USE_FML /* 98.04.07 Ich. */
        Fchg( ( FBFR * )info->data, FML_DATA, 0, ( char * )bpp,
        sizeof( payment_trans ) );
#endif
    }
    else if( mix == 3 )
    {
#ifdef USE_FML /* 98.04.07 Ich. */
        obuf = *( ( orderstat_trans * )Ffind( ( FBFR * )info->data,

```

```

FML_DATA, 0, NULL ) );
bpo = &obuf;
#else
    bpo = (orderstat_trans*)info->data;
#endif
    rtnsize = sizeof(orderstat_trans);
    w_id = bpo->w_id ;
    d_id = bpo->d_id ;
    c_id = bpo->c_id;
    bpo->C_R = 0; /* Clear the Commit/Rollback flag */
    c_w_id = bpo->w_id; /* clients Warehouse ID */
    c_d_id = bpo->d_id;

    strncpy(c_last, "", sizeof(c_last)); /* 960909 */
    strcpy(c_last, bpo->c_last);
    for(k=0; k<16; k++)
    {
        if (c_last[k] == 0x00)
        {
            c_last[k] = 0x20;
        }
    }

    if(OrderStatus())
    {
        bpo->C_R = 1; }
    else
    {
        bpo->C_R = 0; }
#ifdef USE_FML /* 98.04.07 Ich. */
    Fchg( ( FBFR * )info->data, FML_DATA, 0, ( char * )bpo,
        sizeof( orderstat_trans ) );
#endif
    }
    else if( mix == 4 )
    {
#ifdef USE_FML /* 98.04.07 Ich. */
        dbuf = *( ( delivery_trans * )Ffind( ( FBFR * )info->data,
            FML_DATA, 0, NULL ) );
        bpd = &dbuf;
#else
        bpd = (delivery_trans*)info->data;
#endif

        w_id = bpd->w_id ;
        d_id = bpd->d_id ;
        bpd->C_R = 0; /* Clear the Commit/Rollback flag */

        if ( delivery_handle == NULL )
        {
#ifdef USE_FML /* 98.04.07 Ich. */
            num = getpid(); /* (^); */
#endif
        }
        printf(logname, "/tpcc/tpcc/delivery_log%d", num);
        delivery_handle = fopen(logname, "w+");
        if ( delivery_handle == NULL )
        {
            delivery_handle = stderr;
#ifdef TRACE
            DP("delivery_log1 cannot write\n");
#endif
        }
        printf("delivery_log cannot write\n");
        fflush(stdout);
    }
    o_carrier_id = bpd->o_carrier_id;

    for(d_id = 0; d_id < 10; d_id++)
    {
        result_o_id[d_id] = 0;
    }

    /****** Transaction *****/
    bpd->C_R = Delivery();
    Gettimeofday(&tp_e);
#ifdef TRACE
    DP("A-deli_handle= %x C_R=%d \n", delivery_handle, bpd->C_R);
#endif
    if(bpd->C_R)
    {
#ifdef NT
        /* NT msec 1000 */
        fprintf(delivery_handle, "%09d%03d %09d%03d %d %d",
            bpd->startsec,
            bpd->startusec,
            tp_e.tv_sec,
            tp_e.tv_usec,
            w_id,
            o_carrier_id);
#else
        fprintf(delivery_handle, "%09d%03d %09d%03d %d %d",
            bpd->startsec,
            bpd->startusec/1000,
            tp_e.tv_sec,
            tp_e.tv_usec/1000,
            w_id,
            o_carrier_id);
#endif
    }

    for(d_id = 0; d_id < 10; d_id++)
    {
        fprintf(delivery_handle, " %d %d", d_id+1, result_o_id[d_id]);
    }
    fprintf(delivery_handle, "\n");
    }
    else
    {
#ifdef NT
        /* NT msec 1000 */
        fprintf(delivery_handle, "%09d%03d %09d%03d %d %d",
            bpd->startsec,
            bpd->startusec,
            0,
            0,
            w_id,
            o_carrier_id);
#else
        fprintf(delivery_handle, "%09d%03d %09d%03d %d %d",
            bpd->startsec,
            bpd->startusec/1000,
            0,
            0,
            w_id,
            o_carrier_id);
#endif
    }

    fprintf(delivery_handle, " errpos:%04d SQLSTATE:%05d\n",
        bpd->errorpos, bpd->sqlstate);
}
#endif FFLUSH_OUT

```



```

        fflush(delivery_handle); /*99.11.04 for E450 TPCC*/
#endif
#ifdef TRACE
        DP("Out-deli_handle= %x C_R=%d \n",delivery_handle,bpd->C_R);
#endif
#ifdef TRACE
        DP("tpretreturn-called MIX =%d TPNOREPLY \n",mix);
#endif
        /*tpretreturn(TPSUCCESS,0,(char
*)bpd,sizeof(delivery_trans),0|TPNOREPLY);*/
#ifdef USE_FML /* 98.04.07 Ich. */
        tpretreturn( TPSUCCESS, 0, (char *)NULL, 0, 0 );
#else
        tpretreturn(TPSUCCESS,0,(char *)bpd,sizeof(delivery_trans),0 );
#endif
    }
    else if( mix == 5 )
    {
#ifdef USE_FML /* 98.04.07 Ich. */
        sbuf = *( ( stocklvl_trans *)Ffind( ( FBFR * )info->data,
        FML_DATA, 0, NULL ) );
        bps = &sbuf;
#else
        bps = (stocklvl_trans *)info->data;
#endif
        rtnsize = sizeof(stocklvl_trans);
        w_id = bps->w_id ;
        d_id = bps->d_id ;
        threshold = bps->threshold;

        if(StockLevel0)
        {
            bps->C_R = 1;
            bps->low_stock = low_stock;
        }
        else
        {
            bps->C_R = 0;
        }
#ifdef USE_FML /* 98.04.07 Ich. */
        Fchg( ( FBFR * )info->data, FML_DATA, 0, ( char * )bps,
        sizeof( stocklvl_trans ) );
#endif
    }

    if( mix != 4 )
    {
#ifdef TRACE
        DP("tpretreturn-called mix=%d \n",mix);
#endif
#ifdef USE_FML /* 98.04.07 Ich. */
        tpretreturn( TPSUCCESS, 0, info->data, 0L, 0 );
#else
        tpretreturn(TPSUCCESS,0,info->data,rtnsize,0);
#endif
    }
}

/*****
/* tpsvrdone */
*****/

void tpsvrdone()
{
#ifdef TRACE
    DP("tpsvrdone called pid=%d\n",getpid());
#endif
    #if 0
    /** cobol unuse **/
    JMPCINT30 ;
    #endif
        fflush(delivery_handle);
        fclose(delivery_handle);
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
        EXEC SQL COMMIT WORK ;
#endif
    /* SV-APL-0002 2000/12/05 */
#ifdef PRT_TRANNUM
        s_ymdhms();
        DP("###PRT_TRANNUM %s COMMIT= %d ROLLBACK= %d ERROR=
%d RETRY= %d\n",tc_s,
        newwo_commit,newwo_rollback,newwo_error,newwo_retry);
#endif
    /*
    EXEC SQL DISCONNECT CURRENT ;
    DP("DISCONNECT(SQLSTATE) = %s\n", SQLSTATE) ;
    return;
    */
}

/*****
/* Error */
*****/
int Error()
{
    char msg[1024];
    long errno;
    FILE *handle;
    SQLSTATE[5] = 0 ;
    if (0 != strcmp(SQLSTATE,"00000") )
    {
        if (0 == strcmp(SQLSTATE,"40001")) /*
        {
            return(1);
        }
    }
    /* 98.03.02 */
    "tpccerr"
    */
#ifdef NT
        system("date /T>>tpccerr");
#else
        system("date >>/tmp/tpccerr");
#endif
#ifdef NT
        handle = fopen("tpccerr","ab");
#else
        handle = fopen("/tmp/tpccerr","ab");
#endif
    /* 98.03.02 */
    if ( handle == NULL )
    {
        handle = stderr;
    }
    fprintf(handle," SQL ERROR:SQLSTATE= %s\n",SQLSTATE);
    fflush(handle);
}

```

```

    }
    return(0);
}

/*****
/* tpsvrinit */
*****/
tpsvrinit(argc,argv)
int argc;
char **argv;
{
    int i = 0;
    char *fname;

#ifdef suzuki
    /* 98.07.01 */
    if(tpsvrinit_fp == 0){
        sprintf(fname,"tpsvrinit_test%d.txt",getpid());
        tpsvrinit_fp = fopen(fname,"w");
    }
    fprintf(tpsvrinit_fp,"tpsvrinit start\n");
    fflush(tpsvrinit_fp);
    /* 98.07.01 */
#endif

    DP("tpsvrinit start called pid=%d\n",getpid());

#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL WHENEVER SQLERROR CONTINUE;
#endif
    /* */
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL CONNECT TO 'SV1'; /*DEFAULT;*/
#endif
    DP("CONNECT(SQLSTATE) = %s\n", SQLSTATE) ;

#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL COMMIT WORK ;
#endif
    #if 0
    /** cobol unused **/
    JMPCINT2();
    #endif

    if(! preNewOrder() ) ++i;
    if(! prePayment() ) ++i;
    if(! preOrderStatus() ) ++i;
    if(! preDelivery() ) ++i;
    if(! preStockLevel() ) ++i;

    if(i)
    {
        printf("%d errors in SQL prepares.quitting.\n",i);
        fflush(stdout);
        exit(1);
    }

    DP("tpsvrinit end called pid=%d\n",getpid());

```

```

#ifdef suzuki
    /* 98.07.01 */
    if(tpsvrinit_fp == 0){
        tpsvrinit_fp = fopen("tpsvrinit_test.txt","w");
    }
    fprintf(tpsvrinit_fp,"tpsvrinit end\n");
    fflush(tpsvrinit_fp);
    /* 98.07.01 */
#endif
}

int scanstring(target,search,length)
char *target,*search;
int length;
{
    int search_length,iter;
    if((search_length = strlen(search)) > length)
    {
        return(-1);
    }
    for (iter= length -search_length;iter-->0,++target)
    {
        if(strncmp(target,search,search_length) == 0)
        {
            return(1);
        }
    }
    return(0);
}

/*****
/* preNewOrder */
*****/
preNewOrder()
{
    return(1);
}

/*****
/* NewOrder */
*****/
NewOrder()
{
    long i_price[15];
    char i_name[15][25];
    char i_data[15][51];
    char s_datax[15][51];
    int j ;
    int i ;
    long total_amount = 0;
    int pos = 0;
    /* int in_ol_i_id ; unused */
    int in_ol_number ;
    int item_notfound_cnt ;
    FILE *fp;
    FILE *handle;
    int retry_flag = 0 ;

    struct {

```

```

    int num ;
    long ol_i_id ;
} sort_id[15] ;
struct {
    int num ;
    long ol_i_id ;
} r_id[15] ;
int sort_num ;
long sort_ol_i_id ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL BEGIN DECLARE SECTION;
#endif
    short h_cnt ;
    short r_cnt ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL END DECLARE SECTION;
#endif

begin_tran;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND GOTO :not_found ;
#endif

errorpos = 0 ;
item_notfound = -1 ;

o_id_ind = -1; /* SV-APL-0003 2000/12/12 */
o_all_local = -1; /* SV-APL-0004 2000/12/18 */
o_all_local_ind = 0; /* SV-APL-0004 2000/12/18 */
h_cnt = 0 ;
r_cnt = 0 ;
for (ol_number = 0; ol_number < o_ol_cnt; ++ol_number)
{
    if ( w_id == bpn->ol_supply_w_id[ol_number] )
    {
        for ( i=0 ; i < h_cnt ; i++ )
        {
            if ( sort_id[i].ol_i_id == bpn->ol_i_id[ol_number] )
            {
                break ;
            }
        }
        if ( i == h_cnt )
        {
            sort_id[h_cnt].num = ol_number ;
            sort_id[h_cnt].ol_i_id = bpn->ol_i_id[ol_number] ;
            h_cnt = h_cnt + 1 ;
        }
        else
        {
            r_id[r_cnt].num = ol_number ;
            r_id[r_cnt].ol_i_id = bpn->ol_i_id[ol_number] ;
            r_cnt = r_cnt + 1 ;
        }
    }
    else
    {
        r_id[r_cnt].num = ol_number ;
        r_id[r_cnt].ol_i_id = bpn->ol_i_id[ol_number] ;
        r_cnt = r_cnt + 1 ;
    }
}

```

```

for ( i=0 ; i < r_cnt ; i++ )
{
    sort_id[h_cnt+i].num = r_id[i].num ;
    sort_id[h_cnt+i].ol_i_id = r_id[i].ol_i_id ;
}

for (ol_number = 0; ol_number < h_cnt; ++ol_number)
{
    for (in_ol_number = ol_number + 1 ;
        in_ol_number < h_cnt ; ++in_ol_number)
    {
        if (sort_id[in_ol_number].ol_i_id > sort_id[ol_number].ol_i_id)
        {
            sort_num = sort_id[ol_number].num ;
            sort_ol_i_id = sort_id[ol_number].ol_i_id ;
            sort_id[ol_number].num = sort_id[in_ol_number].num ;
            sort_id[ol_number].ol_i_id = sort_id[in_ol_number].ol_i_id ;
            sort_id[in_ol_number].num = sort_num ;
            sort_id[in_ol_number].ol_i_id = sort_ol_i_id ;
        }
    }
}

for (i=0,ol_number = 0; ol_number < 15; ++ol_number)
{
    if (ol_number < h_cnt)
    {
        ol_i_id_ai_ind.SQLENTY[ol_number] = 0 ;
        ol_i_id_ai.SQLENTY[ol_number]
            = bpn->ol_i_id[sort_id[ol_number].num] ;
        ol_s_ai_ind.SQLENTY[ol_number] = 0 ;
        ol_s_ai.SQLENTY[ol_number]
            = bpn->ol_supply_w_id[sort_id[ol_number].num] ;

        ol_i_ai.SQLENTY[ol_number]
            = bpn->ol_i_id[sort_id[ol_number].num] ;
        ol_i_ai_ind.SQLENTY[ol_number] = 0 ;
        ol_q_ai.SQLENTY[ol_number] =
            bpn->ol_quantity[sort_id[ol_number].num] ;
        ol_q_ai_ind.SQLENTY[ol_number] = 0 ;
    }
    else
    {
        ol_i_id_ai_ind.SQLENTY[ol_number] = -1 ;
        ol_i_id_ai.SQLENTY[ol_number] = 0 ;

        if ( ol_number < o_ol_cnt )
        {
            ol_q_ai.SQLENTY[ol_number] =
                bpn->ol_quantity[sort_id[ol_number].num] ;
            ol_q_ai_ind.SQLENTY[ol_number] = 0 ;
            ol_i_ai.SQLENTY[ol_number] =
                bpn->ol_i_id[sort_id[ol_number].num];
            ol_i_ai_ind.SQLENTY[ol_number] = 0 ;
            ol_s_ai.SQLENTY[ol_number] =
                bpn->ol_supply_w_id[sort_id[ol_number].num];
            ol_s_ai_ind.SQLENTY[ol_number] = 0 ;
        }
    }
}

```

```

ol_q_ai.SQLRSV = o_ol_cnt      ;
ol_i_ai.SQLRSV = o_ol_cnt      ;
ol_s_ai.SQLRSV = o_ol_cnt      ;
ol_i_id_ai.SQLRSV = h_cnt      ;

s_ymdhms()                    ;
strncpy(o_entry_d, tc_s,14)    ;
bpn->o_entry_d = t_wk          ;

neworder_proc:
#ifdef USE_SQL_MODE           /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR CONTINUE ;
EXEC SQL WHENEVER NOT FOUND CONTINUE;
EXEC SQL
    CALL TPCC_SCHEMA.Y_NORDER6(:state
        :errorpos      INDICATOR :errorpos_ind ,
        :w_id          ,
        :tmp_d_id      ,
        :c_id          ,
        :o_all_local   INDICATOR :o_all_local_ind ,
        :w_tax         INDICATOR :w_tax_ind ,
        :d_tax         INDICATOR :d_tax_ind ,
        :o_id          INDICATOR :o_id_ind ,
        :o_entry_d     ,
        :c_discount    INDICATOR :c_discount_ind ,
        :c_last        INDICATOR :c_last_ind ,
        :c_credit      INDICATOR :c_credit_ind ,
        :item_notfound INDICATOR :item_notfound_ind ,
        :h_cnt         ,
        :r_cnt         ,
        :ol_i_id_ai    INDICATOR :ol_i_id_ai_ind,
        :ol_i_ai       INDICATOR :ol_i_ai_ind ,
        :ol_q_ai       INDICATOR :ol_q_ai_ind ,
        :s_quantity_ai INDICATOR :s_quantity_ai_ind ,
        :s_dist_av     INDICATOR :s_dist_av_ind ,
        :s_data_av     INDICATOR :s_data_av_ind ,
        :i_price_ai    INDICATOR :i_price_ai_ind ,
        :i_name_av     INDICATOR :i_name_av_ind ,
        :i_data_av     INDICATOR :i_data_av_ind ,
        :ol_s_ai       INDICATOR :ol_s_ai_ind
    );
EXEC SQL WHENEVER SQLERROR GOTO :sqlerr ;
#endif
#ifdef TAMESHI_OZA
{
    FILE *fpoza;
    fpoza=fopen("/tmp/svrout.oza", "a+");
    fprintf(fpoza, "%d endNOstored state(%s) SQLST=(%s)
p=%d \n",
        item_notfound,state,SQLSTATE,getpid());
    fflush(fpoza);
    fclose(fpoza);
}
#endif
#else
SQLWAIT_N;
strcpy(state,"00000");
/* o_id = rand()%99999999+1; */ /* 98.03.24 Ich. */
o_id = 3001; /* 98.10.14 Moriai */
bpn->w_tax = rand()%2001;
bpn->d_tax = rand()%2001;
#endif
#endif
strncpy( bpn->c_last, "BAROUGHTABLE" );
strncpy( bpn->c_credit, "GC" );
bpn->c_discount = rand()%101;
#endif
if( SQLSTATE[0]== '4' || SQLSTATE[0] == '7' ){
    goto sqlerr;
}
/* SV-APL-0004 2000/12/18 START */
if (o_all_local == -1){
    goto sqlerr;
}
/* SV-APL-0004 2000/12/18 END */
if ( memcmp(state,"00000",5) != 0 )
{
    strncpy(SQLSTATE,state,5) ;
    SQLSTATE[5] = 0 ;
    if ( memcmp(state,"02000",5) == 0 )
    {
        goto not_found;
    }
    else
    {
        goto sqlerr;
    }
}
#endif
#ifdef TAMESHI_OZA
{
    FILE *fpoza;
    fpoza=fopen("/tmp/svrout.oza", "a+");
    fprintf(fpoza, "%d SQLST=(%s) p=%d \n",
        item_notfound,SQLSTATE,getpid());
    fflush(fpoza);
    fclose(fpoza);
}
#endif
#ifdef DP_IJ
    DP("IJ: item_notfound=%d \n", item_notfound);
#endif
bpn->o_id = o_id ;
/* SV-APL-0003 2000/12/12 */
#ifdef PRT_TRANNUM
if (o_id < 3001)
{
    s_ymdhms();
    DP("###PRT_TRANNUM %s Illegal o_id= %d o_id_ind=%d
COMMIT=%d ROLLBACK= %d ERROR= %d RETRY= %d\n",
        tc_s,o_id,o_id_ind,newo_commit,newo_rollback,newo_error,newo_retry);
}
#endif
for ( ol_number = 0;ol_number < o_ol_cnt;++ol_number )
{
    /* 99.05.27 */
    for ( in_ol_number = 0;in_ol_number < o_ol_cnt;++in_ol_number )
    {
        if ( ol_number == sort_id[in_ol_number].num )
        {
            i_price[ol_number]
                = i_price_ai.SQLENTRY[in_ol_number];
            if ( i_price[ol_number] == 0 )
            {

```

```

/*
    bpn->i_price[ol_number] = 0 ;
    bpn->s_quantity[ol_number] = 0 ;
    ol_dist_info[0] = '\0' ;
    bpn->i_name[ol_number][0] = '\0' ;
    break ;
}
else
{
    bpn->i_price[ol_number] = i_price[ol_number] ;

    strncpy(bpn->i_name[ol_number],
            i_name_av.SQLENTY[in_ol_number].sqlvar,24) ;
    bpn->i_name[ol_number][24] = '\0' ;

    strncpy(i_data[ol_number],
            i_data_av.SQLENTY[in_ol_number].sqlvar,50) ;
    i_data[ol_number][50] = '\0' ;
    bpn->s_quantity[ol_number]
        = s_quantity_ai.SQLENTY[in_ol_number] ;
    strncpy(ol_dist_info,
            s_dist_av.SQLENTY[in_ol_number].sqlvar,24) ;
    ol_dist_info[24] = '\0' ;
    strncpy(s_datax[ol_number],
            s_data_av.SQLENTY[in_ol_number].sqlvar,50) ;
    s_datax[ol_number][50] = '\0' ;
    /*sort_id[in_ol_number].ol_i_id = 0 ; 1997.02.24 */
    break ;
}
#endif DP_IJ
    DP("II: ol_num=%d,", ol_number);
    DP(" price =%d,", i_price[ol_number]);
    DP(" name =%s\n", &(bpn->i_name[ol_number][0]) );
#endif
}
/* 99.05.27 */

    ol_amount = bpn->ol_quantity[ol_number]
        * i_price[ol_number] ;
    bpn->ol_amount[ol_number] = ol_amount ;
    total_amount += ol_amount ;
    if ( scanstring(i_data[ol_number],"ORIGINAL",50)
        && scanstring(s_datax[ol_number],"ORIGINAL",50) )
    {
        bpn->brand_generic[ol_number] = 'B';
    }
    else
    {
        bpn->brand_generic[ol_number] = 'G';
    }
}

#endif USE_SQL_MODE /* 98.02.23 suzuki */
if ( item_notfound == -1)
{
    strncpy(bpn->c_last,c_last,17) ;
    strncpy(bpn->c_credit,c_credit,3) ;
    bpn->d_tax = d_tax ;
    bpn->w_tax = w_tax ;
    bpn->c_discount = c_discount ;
    total_amount *= (1 + (w_tax + d_tax)/10000.0)
        * (1 - (c_discount /10000.0)) ;

    bpn->total_amount = total_amount ;
    bpn->errorpos = 0 ;
    bpn->sqlstate = 0 ;
    return(1) ;
}
else
{
    /* 99.05.27 c_last,c_credit */
    strncpy(bpn->c_last,c_last,17) ;
    strncpy(bpn->c_credit,c_credit,3) ;
    /* 99.05.27 */
    bpn->errorpos = 201 ;
    bpn->sqlstate = 02000 ;
    return(2) ;
}
#else
    SQLWAIT_N_C;
    SQLWAIT_N_R;

    bpn->total_amount = 0; /* 98.03.24 Ich. */
    for ( i = 0; i < 15; ++i )
    {
        if ( bpn->ol_supply_w_id[i] == 0 ) {
            break;
        }
        strcpy( bpn->i_name[i], "NAMESNAMESNAMESNAME" );
        bpn->s_quantity[i] = ( rand()%10 ) + 1;
        bpn->brand_generic[i] = 'G';
        bpn->i_price[i] = ( rand()%9901 )+100;
        bpn->ol_amount[i] = bpn->i_price[i]*bpn->ol_quantity[i];
        bpn->total_amount += bpn->ol_amount[i];
    }
    bpn->o_ol_cnt = i;
    /* bpn->total_amount *= ( 1.0 + ( bpn->w_tax + bpn->d_tax )/10000.0 )
        * ( 1.0 - ( bpn->c_discount/10000.0 ) ); */
    return(1) ;
}
#endif

not_found:
    DP("NOT FOUND IN NewOrder AT %d\n",errorpos);
    fflush(stdout);
    bpn->errorpos = errorpos ;
    bpn->sqlstate = atoi(SQLSTATE) ;
#endif USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL ROLLBACK WORK;
#else
    SQLWAIT_N_R;
#endif
return(0);

sqlerr:
#endif DP_SQLERR
    DP("Neworder ERRPOS=%d SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
#endif USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL WHENEVER SQLERROR CONTINUE ;
#endif
if(Error())
{
    /* 98.02.23 suzuki */
    EXEC SQL ROLLBACK WORK;
}
#else
    SQLWAIT_N_R;
}

```

```

#endif
/* SV-APL-0002 2000/12/05 */
#ifdef PRT_TRANNUM
    newo_retry++;
#endif
    goto begin_tran;
}
/* SV-APL-0004 2000/12/18 */
#ifdef PRT_TRANNUM
    if (newo_error < 20) {
        s_ymdhms();
        DP("###Neworder time=%s ERRPOS=%d
SQLSTATE=%s\n",tc_s,errorpos,SQLSTATE);
    }
#endif
    bpn->errorpos = errorpos ;
    bpn->sqlstate = atoi(SQLSTATE) ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL ROLLBACK WORK;
#else
    SQLWAIT_N_R;
#endif
    return(0);
}

/*****
/* prePayment */
/*****
prePayment()
{
    return(1);
}

/*****
/* Payment */
/*****
Payment()
{
begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL WHENEVER SQLERROR GOTO :sqlerr ;
    EXEC SQL WHENEVER NOT FOUND GOTO :not_found ;
#endif

    s_ymdhms() ;
    strncpy(h_date, tc_s,14) ;

    c_datax.sqllen = 0; /*99.05.11 c_data */
    c_datax.sqlvar[0] = 0; /*99.05.11 c_data */
    c_datax.sqlvar[500] = 0; /*99.05.11 c_data */

    errorpos = 0 ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
    EXEC SQL
        CALL TPCC_SCHEMA.Y_PAYMENT_H10_OUT4(:state
,
        :errorpos INDICATOR :errorpos_ind ,
        :w_id ,
        :d_id ,
        :c_id ,
        :c_d_id ,
        :c_w_id
,
        :h_amount ,
        :h_date ,
        :w_name ,
        :w_street_1 INDICATOR :w_street_1_ind ,
        :w_street_2 INDICATOR :w_street_2_ind ,
        :w_city INDICATOR :w_city_ind ,
        :w_state INDICATOR :w_state_ind ,
        :w_zip INDICATOR :w_zip_ind ,
        :d_name ,
        :d_street_1 INDICATOR :d_street_1_ind ,
        :d_street_2 INDICATOR :d_street_2_ind ,
        :d_city INDICATOR :d_city_ind ,
        :d_state INDICATOR :d_state_ind ,
        :d_zip INDICATOR :d_zip_ind ,
        :c_first INDICATOR :c_first_ind ,
        :c_middle INDICATOR :c_middle_ind ,
        :c_last ,
        :c_street_1 INDICATOR :c_street_1_ind ,
        :c_street_2 INDICATOR :c_street_2_ind ,
        :c_city INDICATOR :c_city_ind ,
        :c_state INDICATOR :c_state_ind ,
        :c_zip INDICATOR :c_zip_ind ,
        :c_phone INDICATOR :c_phone_ind ,
        :c_credit ,
        :c_credit_lim INDICATOR :c_credit_lim_ind ,
        :c_discount INDICATOR :c_discount_ind ,
        :c_balance INDICATOR :c_balance_ind ,
        :c_ytd_payment INDICATOR :c_ytd_payment_ind ,
        :c_payment_cnt INDICATOR :c_payment_cnt_ind ,
        :c_since INDICATOR :c_since_ind ,
        :c_datax INDICATOR :c_data_ind
        );
#else
    SQLWAIT_P;
    strcpy(state,"00000");

    c_discount = rand()%5001; /* 98.03.24 Ich. */
    strcpy( c_first, "ABCDEFGHJKLM" );
    strcpy( c_middle, "OE" );
    strcpy( c_last, "BAROUGHTABLE" );
    strcpy( c_phone, "0123456789012345" );
    c_id = rand()%3000 + 1;

    strcpy( c_street_1, "PQRSTUVWXYZABCD" );
    strcpy( c_street_2, "EFGHIJKLmnopqr" );
    strcpy( c_city, "STUVWXYZABCDEFG" );
    strcpy( c_state, "RE" );
    sprintf( c_zip, "%04d1111", rand()%10000 );

    strcpy( d_street_1, "PQRSTUVWXYZABCD" );
    strcpy( d_street_2, "EFGHIJKLmnopqr" );
    strcpy( d_city, "STUVWXYZABCDEFG" );
    strcpy( d_state, "RE" );
    sprintf( d_zip, "%04d1111", rand()%10000 );

    strcpy( w_street_1, "PQRSTUVWXYZABCD" );
    strcpy( w_street_2, "EFGHIJKLmnopqr" );
    strcpy( w_city, "STUVWXYZABCDEFG" );
    strcpy( w_state, "RE" );
    sprintf( w_zip, "%04d1111", rand()%10000 );

    c_balance = ( ( rand()*rand()%19999999 )-9999999 ) / 100.0;
    c_credit_lim = 5000000;
}

```

```

strcpy( c_since, "19980212121212" );
strcpy( c_credit, "GC" );
#endif

if ( memcmp(state,"00000",5) != 0 )
{
    strncpy(SQLSTATE,state,5) ;
    SQLSTATE[5] = 0 ;
    if ( memcmp(state,"02000",5) == 0 )
    {
        goto not_found;
    }
    else
    {
        goto sqlerr;
    }
}

bpp->c_discount = c_discount ;
bpp->h_date = t_wk ;
strcpy(bpp->c_first,c_first) ;
strcpy(bpp->c_middle,c_middle) ;
strcpy(bpp->c_last,c_last) ;
strcpy(bpp->c_phone,c_phone) ;
bpp->c_id= c_id ;
strcpy(bpp->c_street_1,c_street_1) ;
strcpy(bpp->c_street_2,c_street_2) ;
strcpy(bpp->c_city,c_city) ;
strcpy(bpp->c_state,c_state) ;
strcpy(bpp->c_zip,c_zip) ;

strcpy(bpp->d_street_1,d_street_1) ;
strcpy(bpp->d_street_2,d_street_2) ;
strcpy(bpp->d_city,d_city) ;
strcpy(bpp->d_state,d_state) ;
strcpy(bpp->d_zip,d_zip) ;

strcpy(bpp->w_street_1,w_street_1) ;
strcpy(bpp->w_street_2,w_street_2) ;
strcpy(bpp->w_city,w_city) ;
strcpy(bpp->w_state,w_state) ;
strcpy(bpp->w_zip,w_zip) ;

/* bpp->c_balance = c_balance ; 98.11.19 DB */
bpp->c_balance = c_balance / 100.0 ;
/* bpp->c_credit_lim = c_credit_lim ; 98.11.19 DB */
bpp->c_credit_lim = c_credit_lim / 100.0 ;

bpp->c_since = c_ymdhms(c_since) ;
strcpy(bpp->c_credit,c_credit) ;

#ifdef USE_SQL_MODE /* 98.03.24 Ich. */
if ( strcmp(c_credit,"BC") == 0 )
{
    strncpy(bpp->c_data,c_datax.sqlvar,c_datax.sqllen);
}
else
{
    bpp->c_data[0] = 0 ;
}
#else /* 98.03.24 Ich. */
if ( rand()%10 == 1 ) {
#define _STR50 "0123456789abcdefghijklmnopqrstuvwxy!#$%&'()*=+-[]:;"
strcpy( bpp->c_credit, "BC" );
strcpy( bpp->c_data,
        _STR50 _STR50 _STR50 _STR50 _STR50 _STR50 _STR50 );
} else {
    bpp->c_data[0] = '\0';
}
#endif

bpp->errorpos = 0 ;
bpp->sqlstate = 0 ;
/*EXEC SQL COMMIT WORK;*/
return(1);

not_found:
DP("NOT FOUND IN Payment AT %d\n",errorpos);
flush(stdout);
bpp->errorpos = errorpos ;
bpp->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("Payment ERRPOS=%d SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
if(Error())
{
    /*EXEC SQL ROLLBACK WORK;*/
    goto begin_tran;
}
bpp->errorpos = errorpos ;
bpp->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);

/*****
/* preOrderStatus */
*****/
preOrderStatus()
{
    return(1);
}

/*****
/* OrderStatus */
*****/
OrderStatus()
{
begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND GOTO :not_found ;
#endif

errorpos = 0 ;
/*printf( "Order-status\n" );*/
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL

```

```

CALL TPCC_SCHEMA.Y_ORDERSTAT_PS_ARRAY(:state
    :errorpos      INDICATOR :errorpos_ind
    :w_id           ,
    :d_id           ,
    :c_id           ,
    :c_first       INDICATOR :c_first_ind
    :c_middle      INDICATOR :c_middle_ind
    :c_last        INDICATOR :c_last_ind
    :c_balance     INDICATOR :c_balance_ind
    :o_id          INDICATOR :o_id_ind
    :o_entry_d     INDICATOR :o_entry_d_ind
    :o_carrier_id  INDICATOR :o_carrier_id_ind
    :o_ol_cnt      ,
    :ol_i_id_ai   INDICATOR :ol_i_id_ai_ind
    :ol_amount_ai  INDICATOR :ol_amount_ai_ind
    :ol_supply_w_id_as INDICATOR
:ol_supply_w_id_as_ind
    :ol_quantity_as INDICATOR :ol_quantity_as_ind
    :ol_delivery_av INDICATOR :ol_delivery_av_ind
);
#else
SQLWAIT_O;
strcpy(state,"00000");

c_id = rand()%3000 + 1; /* 98.03.24 Ich. */
strcpy( c_first, "ABCDEFGHJKLM" );
strcpy( c_middle, "OE" );
strcpy( c_last, "BAROUGHTABLE" );
c_balance = ( ( rand()*rand()%19999999 )-9999999 ) / 100.0;
o_id = rand()%99999999+1;
strcpy( o_entry_d, "19980123123456" );
o_ol_cnt = rand()%11 + 5;
#endif

if ( memcmp(state,"00000",5) != 0 )
{
strncpy(SQLSTATE,state,5);
SQLSTATE[5] = 0 ;
if ( memcmp(state,"02000",5) == 0 )
{
goto not_found;
}
else
{
goto sqlerr;
}
}

#ifdef USE_SQL_MODE /* 98.03.24 Ich. */
for ( ol_number = 0;ol_number < o_ol_cnt;++ol_number )
{
bpo->ol_i_id[ol_number] = ol_i_id_ai.SQLENTY[ol_number] ;
bpo->ol_amount[ol_number] =
ol_amount_ai.SQLENTY[ol_number];
bpo->ol_supply_w_id[ol_number]
= ol_supply_w_id_as.SQLENTY[ol_number] ;

bpo->ol_quantity[ol_number]
= ol_quantity_as.SQLENTY[ol_number] ;

if(memcmp(ol_delivery_av.SQLENTY[ol_number].sqlvar,"777777777"
,9) != 0)
{
bpo->ol_delivery_d[ol_number]
= c_ymdhms(ol_delivery_av.SQLENTY[ol_number].sqlvar);
}
else
{
bpo->ol_delivery_d[ol_number] = 777777777 ;
}
}
/* 98.03.24 Ich. */
for ( ol_number = 0; ol_number < o_ol_cnt; ++ol_number )
{
bpo->ol_i_id[ol_number] = ( rand()%100000 )+1;
bpo->ol_amount[ol_number] = rand()%1000000;
bpo->ol_supply_w_id[ol_number] = ( rand()%10 )+1;
bpo->ol_quantity[ol_number] = ( rand()%99 )+1;
bpo->ol_delivery_d[ol_number] = c_ymdhms( "19980321054321" );
}
#endif

if ( o_carrier_id_ind == -1 )
{
bpo->o_carrier_id = INTNULL ;
}
else
{
bpo->o_carrier_id = o_carrier_id ;
}
bpo->c_id = c_id ;
bpo->o_ol_cnt = o_ol_cnt ;
strcpy(bpo->c_first,c_first) ;
strcpy(bpo->c_middle,c_middle) ;
strcpy(bpo->c_last,c_last) ;
/* bpo->c_balance = c_balance ; 98.11.19 DB */
bpo->c_balance = c_balance/100.0 ;
bpo->o_id = o_id ;
bpo->o_entry_d = c_ymdhms(o_entry_d) ;

bpo->errorpos = 0 ;
bpo->sqlstate = 0 ;
/*EXEC SQL COMMIT WORK;*/

return (1);

not_found:
DP("NOT FOUND IN OrderStatus AT %d\n",errorpos);
fflush(stdout);
bpo->errorpos = errorpos ;
bpo->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("OrderStatus ERRPOS=%d SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
if(Error())
{
/*EXEC SQL ROLLBACK WORK;*/
goto begin_tran;
}

bpo->errorpos = errorpos ;

```



```

bpo->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/

return(0);
}

/*****
/* preDelivery */
*****/
preDelivery()
{
return(1);
}

/*****
/* Delivery */
*****/
Delivery()
{
int temp_d_id ;

begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND GOTO :not_found ;
#endif

s_ymdhms() ;
strncpy(ol_delivery_d, tc_s,14) ;
o_carrier_id = bpd->o_carrier_id ;
errorpos = 0 ;
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL
CALL TPCC_SCHEMA.Y_DELIVERY_PS_ARRAY(:state
,
:errorpos INDICATOR :errorpos_ind ,
:w_id ,
:c_id ,
:o_carrier_id ,
:ol_delivery_d ,
:result_ai INDICATOR :result_ai_ind
);
#else
SQLWAIT_D;
strepv(state,"00000");
#endif

if ( memcmp(state,"00000",5) != 0 )
{
strncpy(SQLSTATE,state,5) ;
SQLSTATE[5] = 0 ;
if ( memcmp(state,"02000",5) == 0 )
{
goto not_found;
}
else
{
goto sqlerr;
}
}

for ( temp_d_id = 0 ; temp_d_id < 10 ; temp_d_id++ )
{
result_o_id[temp_d_id] = result_ai.SQLENTTRY[temp_d_id];
}

bpd->errorpos = 0 ;
bpd->sqlstate = 0 ;
/*EXEC SQL COMMIT WORK;*/

return(1);

not_found:
DP("NOT FOUND IN DELIVERY AT %d\n",errorpos);
fflush(stdout);
bpd->errorpos = errorpos ;
bpd->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("Delivery ERRPOS=%d SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif
if(Error())
{
/*EXEC SQL ROLLBACK WORK;*/
goto begin_tran;
}
bpd->errorpos = errorpos ;
bpd->sqlstate = atoi(SQLSTATE) ;
/*EXEC SQL ROLLBACK WORK;*/
return(0);
}

/*****
/* preStockLevel */
*****/
preStockLevel()
{
return(1);
}

/*****
/* StockLevel */
*****/
StockLevel()
{

begin_tran:
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL WHENEVER SQLERROR GOTO :sqlerr ;
EXEC SQL WHENEVER NOT FOUND GOTO :not_found ;
#endif
errorpos = 0 ;

/* 98.06.12 */
#ifdef STOCK_STORED
#ifdef USE_SQL_MODE /* 98.02.23 suzuki */
EXEC SQL
CALL TPCC_SCHEMA.Y_STOCKLV(:state
,errorpos INDICATOR :errorpos_ind ,
:w_id ,
:d_id ,
:threshold ,
:low_stock INDICATOR :low_stock_ind

```

```

);
#else
SQLWAIT_S;
strcpy(state,"00000");

low_stock = rand()%201; /* 98.03.24 Ich. */
#endif

if ( memcmp(state,"00000",5) != 0 )
{
strncpy(SQLSTATE,state,5) ;
SQLSTATE[5] = 0 ;
if ( memcmp(state,"02000",5) == 0 )
{
goto not_found;
}
else
{
goto sqlerr;
}
}
#else
/* (1) DISTRICT teble select */ EXEC SQL WHENEVER SQLERROR GOTO
EXEC SQL WHENEVER NOT FOUND GOTO
ERR_S_DI; EXEC SQL WHENEVER NOT FOUND GOTO
ERR_S_DI; EXEC SQL SELECT D_NEXT_O_ID
INTO :o_id
FROM TPCC_SCHEMA.DISTRICT
WHERE D_W_ID = :w_id
AND D_ID = :d_id;
EXEC SQL WHENEVER SQLERROR CONTINUE;
EXEC SQL WHENEVER NOT FOUND CONTINUE;

/* (2) ORDERLINE teble select */
/* (3) STOCK teble select and count ITEM */

tmp_o_id = o_id - 20;
o_id = o_id - 1 ;
t19 = o_id - 1;
t18 = o_id - 2;
t17 = o_id - 3;
t16 = o_id - 4;
t15 = o_id - 5;
t14 = o_id - 6;
t13 = o_id - 7;
t12 = o_id - 8;
t11 = o_id - 9;
t10 = o_id - 10;
t09 = o_id - 11;
t08 = o_id - 12;
t07 = o_id - 13;
t06 = o_id - 14;
t05 = o_id - 15;
t04 = o_id - 16;
t03 = o_id - 17;
t02 = o_id - 18;

EXEC SQL WHENEVER SQLERROR GOTO
ERR_S_STOL; EXEC SQL WHENEVER NOT FOUND GOTO
ERR_S_STOL;

EXEC SQL SELECT COUNT(DISTINCT S_I_ID)
INTO :low_stock
FROM TPCC_SCHEMA.ORDERLINE,
TPCC_SCHEMA.STOCK
WHERE OL_W_ID = :w_id
AND OL_D_ID = :d_id
AND OL_O_ID
IN(:tmp_o_id,
:t02,:t03,:t04,:t05,:t06,:t07,:t08,:t09,:t10,
:t11,:t12,:t13,:t14,:t15,:t16,:t17,:t18,:t19,
:o_id )
AND OL_NUMBER IN(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15)
--$
AND OL_O_ID
--$ BETWEEN @TMP_O_ID
--$ AND @O_ID
AND S_I_ID = OL_I_ID
AND S_W_ID = OL_W_ID
AND S_W_ID = :w_id
AND S_QUANTITY < :threshold;

EXEC SQL WHENEVER SQLERROR CONTINUE;
EXEC SQL WHENEVER NOT FOUND CONTINUE;

/* 98.08.27 stocklevel commit */
EXEC SQL COMMIT WORK;
/* 98.08.27 */

#endif
/* 98.06.12 */
bps->errorpos = 0 ;
bps->sqlstate = 0 ;
/*EXEC SQL COMMIT WORK;*/
return(1);

/* 98.06.12 */
/* --SQLERR:NOT_FOUND */
ERR_S_DI:
bps->errorpos = 203;
goto sqlerr;

ERR_S_STOL:
bps->errorpos = 248;
goto sqlerr;
/* 98.06.12 */

not_found:
DP("NOT FOUND IN STOCKLEVEL AT %d\n",errorpos);
flush(stdout);
bps->errorpos = errorpos ;
bps->sqlstate = atoi(SQLSTATE) ;
/* 98.08.27 stocklevel rollback ( ) */
EXEC SQL ROLLBACK WORK;
/* 98.08.27 */
return(0);

sqlerr:
#ifdef DP_SQLERR
DP("Stocklevel ERRPOS=%d SQLSTATE=%s\n",errorpos,SQLSTATE);
#endif

```

```

        if(Error())
        {
/* 98.08.27 stocklevel rollback ( ) */
        EXEC SQL ROLLBACK WORK;
/* 98.08.27 */
        goto begin_tran;
        }
        bps->errorpos = errorpos ;
        bps->sqlstate = atoi(SQLSTATE) ;
/* 98.08.27 stocklevel rollback ( ) */
        EXEC SQL ROLLBACK WORK;
/* 98.08.27 */
        return(0);
    }

#ifdef USE_FML /* 98.04.07 */
/*****/
/* TPCC1->TPCC10 TPCCs1->3 TPCCd1->3 */
/*****/
TPCC1(info)
TPSVCINFO *info;
{
#ifdef TRACE
    DP("TPCC-1 called\n");
#endif
    number = 1;
    return(TPCC(info,number));
}
TPCC2(info)
TPSVCINFO *info;
{
    number = 2;
    return(TPCC(info,number));
}
TPCC3(info)
TPSVCINFO *info;
{
    number = 3;
    return(TPCC(info,number));
}
TPCC4(info)
TPSVCINFO *info;
{
    number = 4;
    return(TPCC(info,number));
}
TPCC5(info)
TPSVCINFO *info;
{
    number = 5;
    return(TPCC(info,number));
}
TPCC6(info)
TPSVCINFO *info;
{
    number = 6;
    return(TPCC(info,number));
}
TPCC7(info)
TPSVCINFO *info;
{
    number = 7;
    return(TPCC(info,number));
}
}
TPCC8(info)
TPSVCINFO *info;
{
    number = 8;
    return(TPCC(info,number));
}
TPCC9(info)
TPSVCINFO *info;
{
    number = 9;
    return(TPCC(info,number));
}
TPCC10(info)
TPSVCINFO *info;
{
    number = 10;
    return(TPCC(info,number));
}
TPCCd1(info)
TPSVCINFO *info;
{
    number = 11;
    return(TPCC(info,number));
}
TPCCd2(info)
TPSVCINFO *info;
{
    number = 12;
    return(TPCC(info,number));
}
TPCCd3(info)
TPSVCINFO *info;
{
    number = 13;
    return(TPCC(info,number));
}
TPCCs1(info)
TPSVCINFO *info;
{
    number = 14;
    return(TPCC(info,number));
}
TPCCs2(info)
TPSVCINFO *info;
{
    number = 15;
    return(TPCC(info,number));
}
TPCCs3(info)
TPSVCINFO *info;
{
    number = 16;
    return(TPCC(info,number));
}
#endif

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```

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 * evidence any actual or intended
 * publication of such source code.
 *
 * #ident"@(#)tuxedo:include/atmi.h60.22"
 */

#ifndef ATMI_H
#define ATMI_H

#ifndef TMENV_H
#include <tmenv.h>
#endif
#ifndef NOWHAT
staticchar h_atmi[] = "@(#)tuxedo:include/atmi.h60.22";
#endif

/*
 * DEFINITIONS NEEDED BY USER APPLICATION PROGRAMS.
 *
 * Warning: This header file should not be changed in any
 * way, doing so will destroy the compatibility with TUXEDO
 * programs
 * and libraries.
 */

/* Flags to service routines */

#define TPNOBLOCK0x00000001/* non-blocking send/rcv */
#define TPSIGRSTRT0x00000002/* restart rcv on interrupt */
#define TPNOREPLY0x00000004/* no reply expected */
#define TPNOTRAN0x00000008/* not sent in transaction mode */
#define TPTRAN0x00000010/* sent in transaction mode */
#define TPNOTIME0x00000020/* no timeout */
#define TPABSOLUTE0x00000040/* absolute value on tmsetprio */
#define TPGETANY0x00000080/* get any valid reply */
#define TPNOCHANGE0x00000100/* force incoming buffer to match
 */
#define RESERVED_BIT10x00000200/* reserved for future use */
#define TPCONV0x00000400/* conversational service */
#define TPSENDONLY0x00000800/* send-only mode */
#define TPRECVONLY0x00001000/* rcv-only mode */
#define TPACK0x00002000/* */

/* Flags to tpreturn() */
#define TPFAL0x00000001/* service FAILURE for tpreturn */
#define TPSUCCESS0x00000002/* service SUCCESS for tpreturn */
#define TPEXIT0x08000000/* service failue with server exit */

/* Flags to tpsect() - Valid TP_COMMIT_CONTROL characteristic
values */
#define TP_CMT_LOGGED0x01/* return after commit decision is
logged */

#define TP_CMT_COMPLETE0x02/* return after commit has completed */

/* Flags to tpinit() */
#define TPU_MASK0x00000007/* unsolicited notification mask */
#define TPU_SIG0x00000001/* signal based notification */
#define TPU_DIP0x00000002/* dip-in based notification */
#define TPU_IGN0x00000004/* ignore unsolicited messages */

#define TPSA_FASTPATH0x00000008/* System access == fastpath */
#define TPSA_PROTECTED0x00000010/* System access == protected */

/* Flags to tpconvert() */
#define TPTOSTRING0x40000000/* Convert structure to string */
#define TPCONVCLTID0x00000001/* Convert CLIENTID */
#define TPCONVTRANID0x00000002/* Convert TRANID */
#define TPCONVXID0x00000004/* Convert XID */

#define TPCONVMAXSTR256/* Maximum string size */

/* Return values to tpchkauth() */
#define TPNOAUTH0/* no authentication */
#define TPSYSAUTH1/* system authentication */
#define TPAPPAUTH2/* system and application authentication */

#ifndef MAXTIDENT
#define MAXTIDENT30/* max len of a /T identifier */
#endif

/* client identifier structure */
struct clientid_t {
    long clientdata[4];/* reserved for internal use */
};
typedef struct clientid_t CLIENTID;

/* interface to service routines */
struct tpsvcinfo {
#define XATMI_SERVICE_NAME_LENGTH 32
    char name[XATMI_SERVICE_NAME_LENGTH];/* service name invoked
 */
    long flags; /* describes service attributes */
    char *data; /* pointer to data */
    long len; /* request data length */
    int cd; /* reserved for future use */
    long appkey; /* application authentication client key */
    CLIENTID cltid; /* client identifier for originating client */
};
typedef struct tpsvcinfo TPSVCINFO;

/* X/Open buffer types */
#define X_OCTET "X_OCTET"
#define X_C_TYPE "X_C_TYPE"
#define X_COMMON "X_COMMON"

/* tpinit(3) interface structure */
struct tpinfo_t {
    char username[MAXTIDENT+2];/* client user name */
    char cltname[MAXTIDENT+2];/* application client name */
    char passwd[MAXTIDENT+2];/* application password */
    char grpname[MAXTIDENT+2];/* client group name */
    long flags; /* initialization flags */
    long datalen; /* length of app specific data */
    long data; /* placeholder for app data */
};

```

```

typedef struct tpinfo_t TPINIT;
#ifndef lint
#define TPINITNEED(u) (((u) > sizeof(long)) \
    ? (sizeof(TPINIT) - sizeof(long) + (u)) \
    : (sizeof(TPINIT)))
#else
extern long TPINITNEED _((long));
#endif

/* TPTRANID structure for tpsuspend(3) and tpresume(3) */
struct tp_tranid_t {
    long info[6];
};

typedef struct tp_tranid_t TPTRANID;

#ifdef __cplusplus
extern "C" {
#endif

#ifdef (defined(TM_WIN) || defined(TM_OS2)) && !defined(TMDLL)

extern int _TM_FAR * _TMDLLENTY_tmget_tperno_addr(void);
extern long _TM_FAR * _TMDLLENTY_tmget_tpurcode_addr(void);
extern int _TMDLLENTY_tmget_tperno(void);
extern long _TMDLLENTY_tmget_tpurcode(void);
#define tperno(*_tmget_tperno_addr())
#define tpurcode(*_tmget_tpurcode_addr())

#else
_TMITUXWSC extern _TM_THREADVAR int tperno;
_TMITUXWSC extern _TM_THREADVAR long tpurcode;
#endif

#ifdef __cplusplus
}
#endif

/*
 * tperno values - error codes
 * The man pages explain the context in which the following error codes
 * can return.
 */

#define TMINVAL0 /* minimum error message */
#define TPEABORT1
#define TPEBDESC2
#define TPEBLOCK3
#define TPEINVAL4
#define TPELIMIT5
#define TPEOENT6
#define TPEOS7
#define TPEPERM8
#define TPEPROTO9
#define TPEVCERR10
#define TPEVCFAIL11
#define TPEYSYS12
#define TPEIME13
#define TPETRAN14
#define TPGOTSIG15
#define TPERMERR16
#define TPEITYPE17
#define TPEOTYPE18

#define TPERELEASE19
#define TPEHAZARD20
#define TPEHEURISTIC21
#define TPEEVENT22
#define TPEMATCH23
#define TPEDIAGNOSTIC24
#define TPEMIB25
#define TPEMAXVAL26 /* maximum error message */
/*
 * WARNING: when adding new error messages above, remember to:
 * - increase TPEMAXVAL
 * - add a string for the message to LIBTUX.text
 * - add an array entry in _tmmsgs[]
 */

#ifdef _as400_
extern void _tmunsolerrhdr _((char *, long, long));
#define TPUNSOLERR_tmunsolerrhdr
#else
#define TPUNSOLERR((void (_TMDLLENTY *) _((char _TM_FAR *, long, long))) -1)
#endif

/* conversations - events */
#define TPEV_DISCONIMM0x0001
#define TPEV_SVCERR0x0002
#define TPEV_SVCFAIL0x0004
#define TPEV_SVCUCC0x0008
#define TPEV_SENDOONLY0x0020

#ifdef __cplusplus
extern "C" {
#endif

extern char _TM_FAR * _TMDLLENTY_tpallo _((char _TM_FAR *, char _TM_FAR *, long));
extern char _TM_FAR * _TMDLLENTY_tpreallo _((char _TM_FAR *, long));
extern int _TMDLLENTY_tpcall _((char _TM_FAR *, char _TM_FAR *, long, char _TM_FAR * _TM_FAR *, long _TM_FAR *, long));
extern int _TMDLLENTY_tpacall _((char _TM_FAR *, char _TM_FAR *, long, long));
extern int _TMDLLENTY_tpetrply _((int _TM_FAR *, char _TM_FAR * _TM_FAR *, long _TM_FAR *, long));
extern int _TMDLLENTY_tpcancel _((int));
extern int _TMDLLENTY_tpscmt _((long));
extern int _TMDLLENTY_tpabort _((long));
extern int _TMDLLENTY_tpbeg _((unsigned long, long));
extern int _TMDLLENTY_tpcmm _((long));
extern int _TMDLLENTY_tpcnvrt _((char _TM_FAR *, char _TM_FAR *, long));
extern int _TMDLLENTY_tpsuspnd _((TPTRANID _TM_FAR *, long));
extern int _TMDLLENTY_tpresume _((TPTRANID _TM_FAR *, long));
extern inttpsrvrinit _((int, char **));
extern int _TMDLLENTY_tpin _((TPINIT _TM_FAR *));
extern int _TMDLLENTY_tpterm _((void));
extern int _TMDLLENTY_tpsprio _((int, long));
extern int _TMDLLENTY_tpgprio _((void));
extern int _TMDLLENTY_tpopen _((void));
extern int _TMDLLENTY_tpclose _((void));
extern int _TMDLLENTY_tpetev _((void));
extern long _TMDLLENTY_tptypes _((char _TM_FAR *, char _TM_FAR *, char _TM_FAR *));

```

```

extern void_TMDLLENTY tpfree _((char _TM_FAR *));
extern void_TMDLLENTY tforward _((char *, char *, long, long));
extern void_TMDLLENTY tpreturn _((int, long, char *, long, long));
extern void_tpsvrdone _((void));
extern int_TMDLLENTY tpchkauth _((void));
extern int_TMDLLENTY tpbroadcast _((char _TM_FAR *, char
_TM_FAR *, char _TM_FAR *, char _TM_FAR *, long, long));
extern int_TMDLLENTY tpnotify _((CLIENTID _TM_FAR *, char
_TM_FAR *, long, long));
extern void(_TMDLLENTY * _TMDLLENTY tpsetsunl _((void
(_TMDLLENTY *) (char _TM_FAR *, long, long)))) _((char _TM_FAR *,
long, long));
extern int_TMDLLENTY tpchkunsol _((void));
extern int_TMDLLENTY tpadvertise _((char *, void *) (TPSVCINFO
*));
extern int_TMDLLENTY tpunadvertise _((char *));
extern char _TM_FAR * _TMDLLENTY tpstrerror _((int));

/* conversations */
extern int_TMDLLENTY tpsend _((int, char _TM_FAR *, long, long,
long _TM_FAR *));
extern int_TMDLLENTY tprecv _((int, char _TM_FAR * _TM_FAR *,
long _TM_FAR *, long, long _TM_FAR *));
extern int_TMDLLENTY tpconnect _((char _TM_FAR *, char
_TM_FAR *, long, long));
extern int_TMDLLENTY tpdiscn _((int));

/* /T Addition */
extern int_TMDLLENTY bq _((char _TM_FAR *));

/* /WS additions */

#if defined(_TM_WIN) || defined(_TM_OS2) || defined(WIN32)
typedef int (_TMDLLENTY * _TM_FARPROC)(void);
extern int _TMDLLENTY AEWisblocked _((void));
_TMD_FARPROC _TMDLLENTY AEWsetblockinghook
_((_TM_FARPROC));
extern int _TMDLLENTY AEPisblocked _((void));
_TMD_FARPROC _TMDLLENTY AEPsetblockinghook
_((_TM_FARPROC));
extern int _TMDLLENTY AEWsetunsol _((unsigned int, unsigned
int));

#endif

extern char _TM_FAR * _TMDLLENTY tuxgetenv _((char _TM_FAR
*));
extern int _TMDLLENTY tuxputenv _((char _TM_FAR *));
extern int _TMDLLENTY tuxreadenv _((char _TM_FAR *, char
_TM_FAR *));

#if defined(__cplusplus)
}
#endif

#ifndef _QADDON
#define _QADDON

/* START QUEUED MESSAGES ADD-ON */

#define TMQNAMELEN15
#define TMMSGIDLEN32

```

```

#define TMCORRIDLEN32

struct tpqctl_t { /* control parameters to queue primitives */
    long flags; /* indicates which of the values are set */
    long deq_time; /* absolute/relative time for dequeuing */
    long priority; /* enqueue priority */
    long diagnostic; /* indicates reason for failure */
    char msgid[TMMSGIDLEN]; /* id of message before which to queue */
    char corrid[TMCORRIDLEN]; /* correlation id used to identify message */
    char replyqueue[TMQNAMELEN+1]; /* queue name for reply message */
    char failurequeue[TMQNAMELEN+1]; /* queue name for failure message
*/
    CLIENTID cltid; /* client identifier for originating client */
    long urcode; /* application user-return code */
    long appkey; /* application authentication client key */
};
typedef struct tpqctl_t TPQCTL;

/* structure elements that are valid - set in flags */
#ifndef TPNOFLAGS
#define TPNOFLAGS0x00000
#endif
#define TPQCORRID0x00001 /* set/get correlation id */
#define TPQFAILUREQ0x00002 /* set/get failure queue */
#define TPQBEFOREMSGID0x00004 /* enqueue before message id */
#define TPQGETBYMSGID0x00008 /* dequeue by msgid */
#define TPQMSGID0x00010 /* get msgid of enq/deq message */
#define TPQPRIORITY0x00020 /* set/get message priority */
#define TPQTOP 0x00040 /* enqueue at queue top */
#define TPQWAIT0x00080 /* wait for dequeuing */
#define TPQREPLYQ0x00100 /* set/get reply queue */
#define TPQTIME_ABS0x00200 /* set absolute time */
#define TPQTIME_REL0x00400 /* set absolute time */
#define TPQGETBYCORRID0x00800 /* dequeue by corrid */
#define TPQPEEK0x01000 /* peek */

#ifndef _TMDLLENTY
#define _TMDLLENTY
#endif
#ifndef _TM_FAR
#define _TM_FAR
#endif

#if defined(__cplusplus)
extern "C" {
#endif

extern int _TMDLLENTY tpenqueue _((char _TM_FAR *qspace, char _TM_FAR
*qname, TPQCTL _TM_FAR *ctl, char _TM_FAR *data, long len, long flags));
extern int _TMDLLENTY tpdequeue _((char _TM_FAR *qspace, char _TM_FAR
*qname, TPQCTL _TM_FAR *ctl, char _TM_FAR * _TM_FAR *data, long
_TM_FAR *len, long flags));
#if defined(_TM_PROTOYPES) && !defined(_H_SYS_TIME) &&
!defined(_SYS_TIME_INCLUDED)
struct tm;
#endif
extern long _TMDLLENTY gp_mktime _((struct tm _TM_FAR *));

#if defined(__cplusplus)
}
#endif

```

```

/* THESE MUST MATCH THE DEFINITIONS IN qm.h */
#define QMEINVAL-1
#define QMEBADRMID-2
#define QMENOTOPEN-3
#define QMETRAN-4
#define QMEBADMSGID-5
#define QMESYSTEM-6
#define QMEOS-7
#define QMEABORTED-8
#define QMENOTAQMEABORTED
#define QMEPROTO-9
#define QMEBADQUEUE-10
#define QMENOMSG-11
#define QMEINUSE-12
#define QMENOSPACE-13

/* END QUEUED MESSAGES ADD-ON */
#endif

/* START EVENT BROKER MESSAGES */
#define TPEVSERVICE0x00000001
#define TPEVQUEUE0x00000002
#define TPEVTRAN0x00000004
#define TPEVPERSIST0x00000008

/* Subscription Control structure */
struct tpevctl_t {
    long flags;
    char name1[XATMI_SERVICE_NAME_LENGTH];
    char name2[XATMI_SERVICE_NAME_LENGTH];
    TPQCTL qctl;
};
typedef struct tpevctl_t TPEVCTL;

/* Function prototypes */
#if defined(__cplusplus)
extern "C" {
#endif

extern long_TMDLLENTY tpsubscribe_((char *eventexpr, char *filter,
TPEVCTL *ctl, long flags));
extern int_TMDLLENTY tpunsubscribe_((long subscription, long flags));
extern int_TMDLLENTY tppost_((char *eventname, char *data, long len,
long flags));

#if defined(__cplusplus)
}
#endif

/* END EVENT BROKER MESSAGES */

/*
 * BEGIN buildserver section
 */
/* WARNING: Modification or use of these structures in any way, may
 * cause system failures. DO NOT USE!
 */
struct tmdsptchtbl_t {
    char *svcname;
    char *funcname;
    void (*svfunc) _((TPSVCINFO *));
    TM32I index;
    char flag;
};

};

#define TMSRVRFLAG_COBOL 0x00000001
struct tmsvrargs_t {
    struct xa_switch_t *xa_switch;
    struct tmdsptchtbl_t *tmdsptchtbl; /* Created by buildserver*/
    TM32U flags; /* Set by buildserver*/
    int (*initfunc) _((int, char **)); /* Consult your Tuxedo documentation
*/
    void (*donefunc) _((void)); /* BEFORE modifying these values...*/
    int (*runsvr) _((int)); /* reserved for system use - DO NOT USE */
    void (*reserved1) _(( )); /* reserved for system use - DO NOT USE */
    void (*reserved2) _(( )); /* reserved for system use - DO NOT USE */
    void (*reserved3) _(( )); /* reserved for system use - DO NOT USE */
    void (*reserved4) _(( )); /* reserved for system use - DO NOT USE */
};

#if defined(__cplusplus)
extern "C" {
#endif
extern void _TMDLLENTY_tmsetup_((int *argc, char **argv, struct
tmsvrargs_t *tmsvrargs ));
extern int _TMDLLENTY_tmstartserver_((int argc, char **argv, struct
tmsvrargs_t *tmsvrargs ));
extern struct tmsvrargs_t *_tmgetsvrargs_((void));
#if defined(__cplusplus)
}
#endif
/* END buildserver section */

#endif
/* bench1.h */

#define DIST_PER_WARE 10

EXEC SQL BEGIN DECLARE SECTION;
short w_id;
char w_name[11];
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];
long w_tax;
double w_ytd;

short d_id;
char d_name[11];
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];
long d_tax;
long d_ytd; /* add 96.8.13 */
long d_next_o_id;

/*short c_id;*/
/*int c_id; 960823*/
long c_id;
short c_d_id;
short c_w_id;
char c_first[17];

```

```

char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17];
/*dtime_t c_since;*/
/*double c_since; 960821*/
/*char c_since[14]; 1997.01.27 */
char c_since[15];
char c_credit[3];
double c_credit_lim;
/*long c_credit_lim;*/
long c_discount;
double c_balance;
/*long c_balance;*/
double c_ytd_payment;
short c_payment_cnt;
/*long c_payment_cnt;*/
char c_data[501];

/*dtime_t h_date;*/
/*double h_date; 960821*/
/*char h_date[14]; 1997.01.27 */
char h_date[15];
long h_amount;
char h_data[25];

long no_o_id;

long o_id;
/*dtime_t o_entry_d;*/
/*double o_entry_d; 960821*/
/*char o_entry_d[14]; 1997.01.27 */
char o_entry_d[15]; /*decl 1997.01.27 */
short o_carrier_id;
short o_ol_cnt;
short o_all_local;

long ol_number;
long ol_i_id;
short ol_supply_w_id;
/*dtime_t ol_delivery_d;*/
/*double ol_delivery_d; 960821*/
/*char ol_delivery_d[14]; 1997.01.27 */
char ol_delivery_d[15];
short ol_quantity;
long ol_amount;
/*double ol_amount;*/
char ol_dist_info[25]; /* 1997.01.27 */

long s_quantity;
char s_dist_01[25]; /* 1997.01.27 */
char s_dist_02[25]; /* 1997.01.27 */
char s_dist_03[25]; /* 1997.01.27 */
char s_dist_04[25]; /* 1997.01.27 */
char s_dist_05[25]; /* 1997.01.27 */
char s_dist_06[25]; /* 1997.01.27 */
char s_dist_07[25]; /* 1997.01.27 */
char s_dist_08[25]; /* 1997.01.27 */
char s_dist_09[25]; /* 1997.01.27 */

```

```

char s_dist_10[25]; /* 1997.01.27 */
double s_ytd;
long s_order_cnt;
long s_remote_cnt;
char s_data[51];

/*long i_price[15]; */
/*char i_data[15][51]; */
/*char i_name[15][25]; */
long i_priceh;
char i_datah[51];
char i_nameh[25];

EXEC SQL END DECLARE SECTION;

/*
    bench2.h : Data structure for message send/receive

    Version Beta   1995/02/24
    Version Beta2  1995/03/06
    Version Beta2a 1995/03/14
    Version Beta3  1995/03/23
    Version 1.0    1998/02/24   for Solaris 2.x
*/

typedef struct {
    int tx_type;
    int C_R;

    int errorpos; /* 1997.03.13 */
    int sqlstate; /* 1997.03.13 */

    short w_id;

    short d_id;

    short o_carrier_id;

    long startsec;
    long startusec;
} delivery_trans;

typedef struct {
    int tx_type;
    int C_R;

    int errorpos; /* 1997.03.13 */
    int sqlstate; /* 1997.03.13 */

    long threshold;
    long low_stock;

    short w_id;

    short d_id;
} stocklvl_trans;

typedef struct {

```



```

int tx_type;
int C_R;

int errorpos; /* 1997.03.13 */
int sqlstate; /* 1997.03.13 */

short w_id;
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];

short d_id;
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];

/* short c_id; */
int c_id;
short c_d_id;
short c_w_id;
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17];
double c_since;
char c_credit[3];
double c_credit_lim;
/*long c_credit_lim;*/
long c_discount;
double c_balance;
/*long c_balance;*/
char c_data[501];

double h_date;
long h_amount;
} payment_trans;

typedef struct {
int tx_type;
int C_R;

int errorpos; /* 1997.03.13 */
int sqlstate; /* 1997.03.13 */

short w_id;

short d_id;

/* short c_id; */
int c_id;
char c_first[17];
char c_middle[3];
char c_last[17];

double h_date;
long h_amount;

double c_balance;
/*long c_balance;*/
char c_data[501];

double h_date;
long h_amount;
} payment_trans;

double c_balance;
/*long c_balance;*/

long o_id;
double o_entry_d;
short o_carrier_id;
short o_ol_cnt;

long ol_i_id[15];
short ol_supply_w_id[15];
double ol_delivery_d[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/
} orderstat_trans;

typedef struct {
int tx_type;
int C_R;

int errorpos; /* 1997.03.13 */
int sqlstate; /* 1997.03.13 */

char brand_generic[15];
long i_price[15];
/*double i_price[15];*/
char i_name[15][25];
long total_amount;
/*double total_amount;*/

short w_id;
long w_tax;

short d_id;
long d_tax;

/* short c_id; */
int c_id;
char c_last[17];
char c_credit[3];
long c_discount;

long o_id;
double o_entry_d;
short o_ol_cnt;

long ol_i_id[15];
short ol_supply_w_id[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/

long s_quantity[15];
} neworder_trans;

#if 0
typedef struct {
int tx_type;
int C_R;

long threshold;
}
#endif

```

```

long low_stock;
char brand_generic[15];
long i_price[15];
/*double i_price[15];*/
char i_name[15][25];
long total_amount;
/*double total_amount;*/
double pl_delivery_d[15];

short w_id;
char w_name[11];
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];
long w_tax;
double w_ytd;

short d_id;
char d_name[11];
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];
long d_tax;
long d_next_o_id;

/* short c_id;*/
int c_id;
short c_d_id;
short c_w_id;
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17];
double c_since;
char c_credit[3];
double c_credit_lim;
/*long c_credit_lim;*/
long c_discount;
double c_balance;
/*long c_balance;*/
double c_ytd_payment;
short c_payment_cnt;
/*long c_payment_cnt;*/
char c_data[501];

double h_date;
long h_amount;
char h_data[25];

long no_o_id;

long o_id;
double o_entry_d;
short o_carrier_id;

short o_ol_cnt;
short o_all_local;

long ol_number;
long ol_i_id[15];
short ol_supply_w_id[15];
double ol_delivery_d[15];
short ol_quantity[15];
long ol_amount[15];
/*double ol_amount[15];*/
char ol_dist_info[24];

long s_quantity[15];
char s_dist_01[24];
char s_dist_02[24];
char s_dist_03[24];
char s_dist_04[24];
char s_dist_05[24];
char s_dist_06[24];
char s_dist_07[24];
char s_dist_08[24];
char s_dist_09[24];
char s_dist_10[24];
double s_ytd;
long s_order_cnt;
long s_remote_cnt;
char s_data[51];
} trans_buf;

main()
{
    printf( " %d %d %d %d %d %d\n",
           sizeof( delivery_trans ),
           sizeof( stocklvl_trans ),
           sizeof( payment_trans ),
           sizeof( orderstat_trans ),
           sizeof( neworder_trans ),
           sizeof( trans_buf ) );
    return 0;
}

#endif

/* ORDERLINE eINSERTp */

typedef struct{
    long ol_o_id;
    short ol_d_id;
    short ol_w_id;
    long ol_number;
    long ol_i_id;
    short ol_supply_w_id;
    /* char ol_delivery_d[14]; 960912 */
    short ol_quantity;
    /* char dummy1[2]; 960912 */
    long ol_amount;
    char ol_dist_info[25];
    char dummy2[3];
}lnk_ol;

/* fnamefldid */
/* ----- */

```

```

#define FML_TERM((FLDID)8193)/* number: 1 type: long */
#define FML_TRAN((FLDID)8194)/* number: 2 type: long */
#define FML_DATA((FLDID)49155)/* number: 3 type: carry */
/* Copyright 1996 BEA Systems, Inc.*/
/* THIS IS UNPUBLISHED PROPRIETARY SOURCE CODE OF */
/* BEA Systems, Inc. */
/* The copyright notice above does not evidence any */
/* actual or intended publication of such source code.*/

/* Copyright (c) 1984 AT&T; 1991 USL
   All rights reserved

*/
#ifndef FML_H
#define FML_H

/* #ident"@(#)fml:libfml/fml.h60.9" */
#ifndef TMENV_H
#include <tmenv.h>
#endif
#ifndef NOWHAT
staticchar h_fml[] = "@(#)fml:libfml/fml.h60.9";
#endif

/*
 * DEFINITIONS NEEDED BY USER APPLICATION PROGRAMS.
 *
 * Warning: This header file should not be changed in any
 * way; doing so will destroy the compatibility with TUXEDO programs
 * and libraries.
 */

/*
 * ----- Definitions and Macros -----
 */

#define MAXFBLEN0xffc/* Maximum FBFR length */

#ifndef FML32_H
#define FSTDIXINT16/* Default indexing interval */
#define FMAXNULLSIZE2660
#define FVIEWCACHESIZE128
#define FVIEWNAMESIZE33

/* operations presented to _Fmodidx function */
#define FADD1
#define FMLMOD2
#define FDEL3

/* Flag options used in Fvstof() */
#define F_OFFSET1
#define F_SIZE2
#define F_PROP4 /* P */
#define F_FTOS8 /* S */
#define F_STOF16 /* F */
#define F_BOTH(F_STOF | F_FTOS)/* S,F */
#define F_OFF0 /* Z */
#define F_LENGTH 32 /* L */
#define F_COUNT 64 /* C */
#define F_NONE 128 /* NONE flag for null value */

/* These are used in Fstof() */
#define FUPDATE1

#define FCONCAT2
#define FJOIN3
#define FJOIN4

/* field types */
#define FLD_SHORT0/* short int */
#define FLD_LONG1/* long int */
#define FLD_CHAR2/* character */
#define FLD_FLOAT3/* single-precision float */
#define FLD_DOUBLE4/* double-precision float */
#define FLD_STRING5/* string - null terminated */
#define FLD_CARRAY6/* character array */

/* invalid field id - returned from functions where field id not found */
#define BADFLDID (FLDID)0
/* define an invalid field id used for first call to Fnext */
#define FIRSTFLDID (FLDID)0

#endif/* FML32_H */

/* Field Error Codes - these correspond to the error messages in
 * F_error.c - make sure to update the error
 * message list if a new error is added
 */
#ifndef FML32_H
#define FMINVAL 0/* bottom of error message codes */
#define FALIGNERR 1/* fielded buffer not aligned */
#define FNOTFLD 2/* buffer not fielded */
#define FNOSPACE 3/* no space in fielded buffer */
#define FNOTPRES 4/* field not present */
#define FBADFLD 5/* unknown field number or type */
#define FTYPERR 6 /* illegal field type */
#define FEUNIX 7/* unix system call error */
#define FBADNAME 8/* unknown field name */
#define FMALLOC 9/* malloc failed */
#define FSYNTAX 10/* bad syntax in boolean expression */
#define FFTOPEN 11/* cannot find or open field table */
#define FFTSYNTAX 12/* syntax error in field table */
#define FEINVAL 13/* invalid argument to function */
#define FBADTBL 14 /* destructive concurrent access to field
table */
#define FBADVIEW 15/* cannot find or get view */
#define FVFSYNTAX 16/* bad viewfile */
#define FVFOPEN 17/* cannot find or open viewfile */
#define FBADACM 18 /* ACM contains negative value */
#define FNOCNAME 19 /* cname not found */
#define FMAXVAL 20 /* top of error message codes */
#endif/* FML32_H */

/*
 * ----- Type Definitions -----
 */

/* another typedef of FLDID/FLDLEN exists in tuxedo/include/tmbase.h */
#ifndef _FLDID
#define _FLDID
typedef unsigned short FLDID;
typedef unsigned short FLDLEN;
typedef int FLDOCC;
#endif

```

```

typedef struct Fbfr FBFR;

/*
 * ----- External declarations -----
 */
#if defined(__cplusplus)
extern "C" {
#endif

    _TMIFML extern char *Femsgs[];

#if defined(_TMDOWN) && !(defined(WIN32) &&
!defined(_TM_OLDNTWS))
/* handle case-insensitive link conflict for globals and functions */
#define Fread(A,B) FMLread(A,B)
#define Fwrite(A,B) FMLwrite(A,B)
#endif

#if (defined(_TM_WIN) || defined(_TM_OS2) || (defined(WIN32) &&
defined(_TM_OLDNTWS))) && !defined(_TMDLL)

extern int _TM_FAR * _TMDLLENTY _Fget_Error_addr(void);
extern int _TMDLLENTY getError(void);

#define Error(*_Fget_Error_addr)
#else
#if defined(_TMDOWN) && !(defined(WIN32) &&
!defined(_TM_OLDNTWS))
/* handle case-insensitive link conflict for Error */
#define ErrorFMLError
extern _TM_THREADVAR int FMLError;
#else
    _TMIFML extern int Error;
#endif
#endif

#if defined(__cplusplus)
}
#endif

#ifdef _TMPROTOTYPES
#include <stdio.h>
#endif

#if defined(__cplusplus)
extern "C" {
#endif

#if defined(_TMDOWN) && !(defined(WIN32) &&
!defined(_TM_OLDNTWS))
/* handle case-insensitive link conflict for and functions */
extern int _TMDLLENTY FMLread _((FBFR _TM_FAR *, FILE
_TM_FAR *));
extern int _TMDLLENTY FMLwrite _((FBFR _TM_FAR *, FILE
_TM_FAR *));
#else
extern int _TMDLLENTY Fread _((FBFR *, FILE *));
extern int _TMDLLENTY Fwrite _((FBFR *, FILE *));
#endif

extern int _TMDLLENTY CFadd _((FBFR _TM_FAR *, FLDID, char
_TM_FAR*, FLDLEN , int));

extern int _TMDLLENTY CFchg _((FBFR _TM_FAR *, FLDID, FLD OCC , char
_TM_FAR * , FLDLEN , int ));
extern char _TM_FAR * _TMDLLENTY CFfind _((FBFR _TM_FAR *, FLDID,
FLD OCC , FLDLEN _TM_FAR *, int));
extern FLD OCC _TMDLLENTY CFfindocc _((FBFR _TM_FAR *, FLDID, char
_TM_FAR * , FLDLEN , int ));
extern int _TMDLLENTY CFget _((FBFR _TM_FAR *, FLDID, FLD OCC , char
_TM_FAR * , FLDLEN _TM_FAR * , int ));
extern char _TM_FAR * _TMDLLENTY CFgetalloc _((FBFR _TM_FAR * , FLDID,
FLD OCC , int , FLDLEN _TM_FAR *));
extern void _TMDLLENTY F_error _((char *));
extern int _TMDLLENTY Fappend _((FBFR _TM_FAR * , FLDID, char _TM_FAR
* , FLDLEN));
extern int _TMDLLENTY Fadd _((FBFR _TM_FAR * , FLDID, char _TM_FAR * ,
FLDLEN));
extern FBFR _TM_FAR * _TMDLLENTY Falloc _((FLD OCC , FLDLEN));
extern FBFR _TM_FAR * _TMDLLENTY Frealloc _((FBFR _TM_FAR * ,
FLD OCC , FLDLEN));
extern int _TMDLLENTY Ffree _((FBFR _TM_FAR *));
extern int _TMDLLENTY Fboolev _((FBFR _TM_FAR * , char _TM_FAR *));
extern int _TMDLLENTY Fvboolev _((char _TM_FAR * , char _TM_FAR * , char
_TM_FAR *));
extern double _TMDLLENTY Ffloatev _((FBFR _TM_FAR * , char _TM_FAR *));
extern double _TMDLLENTY Fvfloatev _((char _TM_FAR * , char _TM_FAR * ,
char _TM_FAR *));
extern void _TMDLLENTY Fboolpr _((char _TM_FAR * , FILE _TM_FAR *));
extern int _TMDLLENTY Fvboolpr _((char _TM_FAR * , FILE _TM_FAR * , char
_TM_FAR *));
extern int _TMDLLENTY Fchg _((FBFR _TM_FAR * , FLDID, FLD OCC , char
_TM_FAR * , FLDLEN));
extern long _TMDLLENTY Fchksum _((FBFR _TM_FAR *));
extern int _TMDLLENTY Fcmp _((FBFR _TM_FAR * , FBFR _TM_FAR *));
extern int _TMDLLENTY Fconcat _((FBFR _TM_FAR * , FBFR _TM_FAR *));
extern int _TMDLLENTY Fcopy _((FBFR _TM_FAR * , FBFR _TM_FAR *));
extern int _TMDLLENTY Fdelall _((FBFR _TM_FAR * , FLDID));
extern int _TMDLLENTY Fdelete _((FBFR _TM_FAR * , FLDID _TM_FAR *));
extern int _TMDLLENTY Fextread _((FBFR _TM_FAR * , FILE _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ffind _((FBFR _TM_FAR * , FLDID,
FLD OCC , FLDLEN _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fvals _((FBFR _TM_FAR * , FLDID ,
FLD OCC ));
extern long _TMDLLENTY Fvall _((FBFR _TM_FAR * , FLDID , FLD OCC ));
extern FLD OCC _TMDLLENTY Ffindocc _((FBFR _TM_FAR * , FLDID , char
_TM_FAR * , FLDLEN ));
extern int _TMDLLENTY Fget _((FBFR _TM_FAR * , FLDID , FLD OCC , char
_TM_FAR * , FLDLEN _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fgetalloc _((FBFR _TM_FAR * , FLDID ,
FLD OCC , FLDLEN _TM_FAR *));
extern int _TMDLLENTY Fldtype _((FLDID));
extern FLD OCC _TMDLLENTY Fldno _((FLDID));
extern int _TMDLLENTY Flded _((FBFR _TM_FAR *));
extern long _TMDLLENTY Fneeded _((FLD OCC , FLDLEN));
extern long _TMDLLENTY Fused _((FBFR _TM_FAR *));
extern long _TMDLLENTY Fidxused _((FBFR _TM_FAR *));
extern long _TMDLLENTY Funused _((FBFR _TM_FAR *));
extern long _TMDLLENTY Fsizeof _((FBFR _TM_FAR *));
extern FLDID _TMDLLENTY Fmkfldid _((int , FLDID));
extern FLDLEN _TMDLLENTY Fldlen _((char _TM_FAR * , FLDLEN
_TM_FAR * , FLDLEN _TM_FAR *));
extern FLD OCC _TMDLLENTY Funindex _((FBFR _TM_FAR *));
extern int _TMDLLENTY Frstrindex _((FBFR _TM_FAR * , FLD OCC ));
extern int _TMDLLENTY Findex _((FBFR _TM_FAR * , FLD OCC ));
extern int _TMDLLENTY Finit _((FBFR _TM_FAR * , FLDLEN));

```

```

extern int _TMDLLENTY Fjoin _((FBFR _TM_FAR *, FBFR _TM_FAR *));
extern int _TMDLLENTY Fojoin _((FBFR _TM_FAR *, FBFR _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ffindlast _((FBFR _TM_FAR *,
FLDID, FLDOCC _TM_FAR *, FLDLEN _TM_FAR *));
extern int _TMDLLENTY Fgetlast _((FBFR _TM_FAR *, FLDID, FLDOCC
_TM_FAR *, char _TM_FAR *, FLDLEN _TM_FAR *));
extern int _TMDLLENTY Flen _((FBFR _TM_FAR *, FLDID, FLDOCC));
extern int _TMDLLENTY Fmove _((char _TM_FAR *, FBFR _TM_FAR *));
extern int _TMDLLENTY Fnext _((FBFR _TM_FAR *, FLDID _TM_FAR *,
FLDOCC _TM_FAR *, char _TM_FAR *, FLDLEN _TM_FAR *));
extern FLDID _TMDLLENTY Fldid _((char _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fname _((FLDID));
extern char _TM_FAR * _TMDLLENTY Ftype _((FLDID));
extern void _TMDLLENTY Fmid_unload _((void));
extern void _TMDLLENTY Fidnm_unload _((void));
extern FLDOCC _TMDLLENTY Fnum _((FBFR _TM_FAR *));
extern FLDOCC _TMDLLENTY Foccur _((FBFR _TM_FAR *, FLDID));
extern int _TMDLLENTY Fprint _((FBFR *));
extern int _TMDLLENTY Ffprint _((FBFR _TM_FAR *, FILE _TM_FAR
*));
extern int _TMDLLENTY Fproj _((FBFR _TM_FAR *, FLDID _TM_FAR
*));
extern int _TMDLLENTY Fprojcpy _((FBFR _TM_FAR *, FBFR _TM_FAR
*, FLDID _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ftypcvtt _((FLDLEN _TM_FAR *,
int, char _TM_FAR *, int, FLDLEN));
extern int _TMDLLENTY Fupdate _((FBFR _TM_FAR *, FBFR _TM_FAR
*));
extern int _TMDLLENTY Fvopt _((char _TM_FAR *, int, char _TM_FAR
*));
extern int _TMDLLENTY Fvsinit _((char _TM_FAR *, char _TM_FAR *));
extern int _TMDLLENTY Fvnull _((char _TM_FAR *, char _TM_FAR *,
FLDOCC, char _TM_FAR *));
extern int _TMDLLENTY Fvselinit _((char _TM_FAR *, char _TM_FAR *,
char _TM_FAR *));
extern int _TMDLLENTY Fvftos _((FBFR _TM_FAR *, char _TM_FAR *,
char _TM_FAR *));
extern int _TMDLLENTY Fvstov _((FBFR _TM_FAR *, char _TM_FAR *,
int, char _TM_FAR *));
extern void _TMDLLENTY Fvrefresh _((void));
extern char _TM_FAR * _TMDLLENTY Fboolco _((char _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fvboolco _((char _TM_FAR *,
char _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fstrerror _((int));
extern long _TMDLLENTY Fvttos _((char _TM_FAR *cstruct, char
_TM_FAR *trecord, char _TM_FAR *viewname));
extern long _TMDLLENTY Fvstot _((char _TM_FAR *cstruct, char
_TM_FAR *trecord, long treclen, char _TM_FAR *viewname));
extern int _TMDLLENTY Fcodeset _((unsigned char _TM_FAR
*codeset));

/* from libtux */
extern int _TMDLLENTY maskprt _((FBFR _TM_FAR *));
/* from cmddes */
extern FBFR *do_form _((char *, FBFR **));

#ifdef FML32_H
extern int _TMDLLENTY F16to32 _((FBFR32 _TM_FAR *dbfr, FBFR
_TM_FAR *sbfr));
extern int _TMDLLENTY F32to16 _((FBFR _TM_FAR *dbfr, FBFR32
_TM_FAR *sbfr));
#endif

```

```

/* former macro definitions */
extern int _TMDLLENTY Fdel _((FBFR _TM_FAR *, FLDID, FLDOCC);
extern int _TMDLLENTY Fpres _((FBFR _TM_FAR *, FLDID, FLDOCC));
extern int _TMDLLENTY Fadds _((FBFR _TM_FAR *, FLDID, char
_TM_FAR *));
extern int _TMDLLENTY Fchgs _((FBFR _TM_FAR *, FLDID, FLDOCC, char
_TM_FAR *));
extern int _TMDLLENTY Fgets _((FBFR _TM_FAR *, FLDID, FLDOCC, char
_TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Fgetsa _((FBFR _TM_FAR *, FLDID,
FLDOCC, FLDLEN _TM_FAR *));
extern char _TM_FAR * _TMDLLENTY Ffinds _((FBFR _TM_FAR *, FLDID,
FLDOCC));

#ifdef __cplusplus
}
#endif

/* typed-buffer types */
#define FMLTYPE "FML"
#define VIEWTYPE "VIEW"

#endif
:
set -x
TUXDIR=/export/home/tuxedo
export TUXDIR
#DONT comment out the above
# it is needed for make_srv

# [ -h ../bin ] && echo ../bin is a link exiting ... && exit 1

make -f make_srv

#
# Makefile for test
#
# VersionBeta3 1999.10.15 K.ozawa
# No COBOL version 2000.08.28 S.Kashimoto
#
USR=/usr
HOMED=/export/home
BENCH= $(HOMED)/dbbench

#---TP=TP/base-----
TPROOT= $(HOMED)/tuxedo
TUXDIR= $(TPROOT)
ROOTDIR= $(TPROOT)
TPLIB= $(TPROOT)/lib
TPINC= $(TPROOT)/include

#---c language-----
CCSLIB=$(USR)/ccs/lib
CC = cc
LIBS = -lc
#CCFLAGS= $(INCD) -O
CCFLAGS= $(INCD) -fast -xO4 -xspace -xarch=v8a -xchip=ultra
CFLAGS2 = -fast -xO4 -xspace -xarch=v8a -xchip=ultra
# -xO3

#---RDBMS=Symfo-----
BASE=/opt/FSUNrdb2b
ICONVLIB=/opt/FSUNiconv/lib

```

```

SQLCC=sqlcc
SAMPLEPH=.
SRCPH=.
RDBLIB=$(BASE)/lib
RDBINC=$(BASE)/include

#-----
LD_LIBRARY_PATH=$(RDBLIB):$(TPLIB):$(ICONVLIB)

MORE=-flrsu

all : fdtbl.h TPCC TPCC.DB_NOP

SVRFLAG= "-I$(TPROOT)/include -L$(RDBLIB) -l sqldrvc -l sqldrvc2"

BLDSVR = $(TPROOT)/bin/buildserver
MKFLDHDR = $(TPROOT)/bin/mkfldhdr

#TPCC:TPCC.o
# $(BLDSVR) -o TPCC -f TPCC.o -f OLINSERT.o -s TPCC -
-I$(SVRFLAG) -I$(COBLIB2)#/libcobl.so -I$(COBLIB)/libdl.so

##fdtbl.h : fdtbl
## $(MKFLDHDR) fdtbl
TPCC:TPCC_fml.o
$(BLDSVR) -o TPCC -f TPCC_fml.o -s TPCC -I$(SVRFLAG) -
I/usr/lib/libc.so

TPCC_fml.o:TPCC_fml.pc bench1.h bench2.h stored.h
$(SQLCC) -W96 -I $(SRCPH) -t $(SRCPH) -I $(SRCPH) -I
$(TPINC) TPCC_fml.pc -c TPCC_fml.c -I $(TPROOT)/include
$(CFLAGS2) -DUSE_FML -I $(TPROOT)/include -D DP_SQLERR

TPCC.DB_NOP:TPCC_fml2.o
$(BLDSVR) -o TPCC.DB_NOP -f TPCC_fml2.o -s TPCC -
I$(SVRFLAG) -I/usr/lib/libc.so

TPCC_fml2.o:TPCC_fml.pc bench1.h bench2.h stored.h
$(SQLCC) -W96 -I $(SRCPH) -t $(SRCPH) -I $(SRCPH) -I
$(TPINC) TPCC_fml.pc -c TPCC_fml.c -I $(TPROOT)/include
$(CFLAGS2) -DNO_SQL -DUSE_FML -I $(TPROOT)/include -D
DP_SQLERR
mv TPCC_fml.o TPCC_fml2.o

## sqlcc -I $(SRCPH) $(SRCPH) -I $(SRCPH) -I $(ROOTDIR)/include
-d $(RDBDB) TPCC.pc -c -o TPCC.o -g -I /opt/uxptuxt/include

/*****STORED
PROCEDURE*****/
/** stored.h COPYRIGHT FUJITSU LIMITED 1997 **/
/** : **/
/** : **/
/** :SymfoWARE RDB TPC-C Benchmark **/
/** : SQL declare section for stored proceduer call **/
/** :1996/09/06 **/
/** 1997/03/13 Revision3.3 : Any Error(Clause 2.3.6) **/
/** 2000/05/31 array enhance **/
/*****/

EXEC SQL BEGIN DECLARE SECTION;
char state[6];
char sqlmsg[257];
short sqlmsg_ind;

int errorpos;
short errorpos_ind; /* 1997.03.13 */

short w_name_ind;
short w_street_1_ind;
short w_street_2_ind;
short w_city_ind;
short w_state_ind;
short w_zip_ind;
short w_tax_ind;

short d_id_ind;
short d_name_ind;
short d_street_1_ind;
short d_street_2_ind;
short d_city_ind;
short d_state_ind;
short d_zip_ind;
short d_tax_ind;

short c_id_ind;
short c_first_ind;
short c_middle_ind;
short c_last_ind;
short c_street_1_ind;
short c_street_2_ind;
short c_city_ind;
short c_state_ind;
short c_zip_ind;
short c_phone_ind;
short c_credit_ind;
short c_credit_lim_ind;
short c_discount_ind;
short c_balance_ind;
short c_ytd_payment_ind;
short c_payment_cnt_ind;
short c_since_ind;
short c_datax[501];
short c_data_ind ;

short o_id_ind;
short o_entry_d_ind;
short o_carrier_id_ind;
short o_all_local_ind;

short no_o_id_ind;
/* -8< stored_array_try_yam koko_kara -8< */
#if 0

long ol_i_id1;
long ol_i_id2;
long ol_i_id3;
long ol_i_id4;
long ol_i_id5;
long ol_i_id6;
long ol_i_id7;
long ol_i_id8;
long ol_i_id9;
long ol_i_id10;
long ol_i_id11;
long ol_i_id12;
long ol_i_id13;
long ol_i_id14;

```

long	ol_i_id15;	short	ol_quantity3_ind;
short	ol_i_id1_ind;	short	ol_quantity4_ind;
short	ol_i_id2_ind;	short	ol_quantity5_ind;
short	ol_i_id3_ind;	short	ol_quantity6_ind;
short	ol_i_id4_ind;	short	ol_quantity7_ind;
short	ol_i_id5_ind;	short	ol_quantity8_ind;
short	ol_i_id6_ind;	short	ol_quantity9_ind;
short	ol_i_id7_ind;	short	ol_quantity10_ind;
short	ol_i_id8_ind;	short	ol_quantity11_ind;
short	ol_i_id9_ind;	short	ol_quantity12_ind;
short	ol_i_id10_ind;	short	ol_quantity13_ind;
short	ol_i_id11_ind;	short	ol_quantity14_ind;
short	ol_i_id12_ind;	short	ol_quantity15_ind;
short	ol_i_id13_ind;	int	ol_amount1;
short	ol_i_id14_ind;	int	ol_amount2;
short	ol_i_id15_ind;	int	ol_amount3;
short	ol_supply_w_id1;	int	ol_amount4;
short	ol_supply_w_id2;	int	ol_amount5;
short	ol_supply_w_id3;	int	ol_amount6;
short	ol_supply_w_id4;	int	ol_amount7;
short	ol_supply_w_id5;	int	ol_amount8;
short	ol_supply_w_id6;	int	ol_amount9;
short	ol_supply_w_id7;	int	ol_amount10;
short	ol_supply_w_id8;	int	ol_amount11;
short	ol_supply_w_id9;	int	ol_amount12;
short	ol_supply_w_id10;	int	ol_amount13;
short	ol_supply_w_id11;	int	ol_amount14;
short	ol_supply_w_id12;	int	ol_amount15;
short	ol_supply_w_id13;	short	ol_amount1_ind;
short	ol_supply_w_id14;	short	ol_amount2_ind;
short	ol_supply_w_id15;	short	ol_amount3_ind;
short	ol_supply_w_id1_ind;	short	ol_amount4_ind;
short	ol_supply_w_id2_ind;	short	ol_amount5_ind;
short	ol_supply_w_id3_ind;	short	ol_amount6_ind;
short	ol_supply_w_id4_ind;	short	ol_amount7_ind;
short	ol_supply_w_id5_ind;	short	ol_amount8_ind;
short	ol_supply_w_id6_ind;	short	ol_amount9_ind;
short	ol_supply_w_id7_ind;	short	ol_amount10_ind;
short	ol_supply_w_id8_ind;	short	ol_amount11_ind;
short	ol_supply_w_id9_ind;	short	ol_amount12_ind;
short	ol_supply_w_id10_ind;	short	ol_amount13_ind;
short	ol_supply_w_id11_ind;	short	ol_amount14_ind;
short	ol_supply_w_id12_ind;	short	ol_amount15_ind;
short	ol_supply_w_id13_ind;	char	ol_delivery_d1[14];
short	ol_supply_w_id14_ind;	char	ol_delivery_d2[14];
short	ol_supply_w_id15_ind;	char	ol_delivery_d3[14];
short	ol_quantity1;	char	ol_delivery_d4[14];
short	ol_quantity2;	char	ol_delivery_d5[14];
short	ol_quantity3;	char	ol_delivery_d6[14];
short	ol_quantity4;	char	ol_delivery_d7[14];
short	ol_quantity5;	char	ol_delivery_d8[14];
short	ol_quantity6;	char	ol_delivery_d9[14];
short	ol_quantity7;	char	ol_delivery_d10[14];
short	ol_quantity8;	char	ol_delivery_d11[14];
short	ol_quantity9;	char	ol_delivery_d12[14];
short	ol_quantity10;	char	ol_delivery_d13[14];
short	ol_quantity11;	char	ol_delivery_d14[14];
short	ol_quantity12;	char	ol_delivery_d15[14];
short	ol_quantity13;	short	ol_delivery_d1_ind;
short	ol_quantity14;	short	ol_delivery_d2_ind;
short	ol_quantity15;	short	ol_delivery_d3_ind;
short	ol_quantity1_ind;	short	ol_delivery_d4_ind;
short	ol_quantity2_ind;	short	ol_delivery_d5_ind;

short	ol_delivery_d6_ind;	short	s_dist9_ind;
short	ol_delivery_d7_ind;	short	s_dist10_ind;
short	ol_delivery_d8_ind;	short	s_dist11_ind;
short	ol_delivery_d9_ind;	short	s_dist12_ind;
short	ol_delivery_d10_ind;	short	s_dist13_ind;
short	ol_delivery_d11_ind;	short	s_dist14_ind;
short	ol_delivery_d12_ind;	short	s_dist15_ind;
short	ol_delivery_d13_ind;	long	i_priceh1;
short	ol_delivery_d14_ind;	long	i_priceh2;
short	ol_delivery_d15_ind;	long	i_priceh3;
long	s_quantity1;	long	i_priceh4;
long	s_quantity2;	long	i_priceh5;
long	s_quantity3;	long	i_priceh6;
long	s_quantity4;	long	i_priceh7;
long	s_quantity5;	long	i_priceh8;
long	s_quantity6;	long	i_priceh9;
long	s_quantity7;	long	i_priceh10;
long	s_quantity8;	long	i_priceh11;
long	s_quantity9;	long	i_priceh12;
long	s_quantity10;	long	i_priceh13;
long	s_quantity11;	long	i_priceh14;
long	s_quantity12;	long	i_priceh15;
long	s_quantity13;	short	i_priceh1_ind;
long	s_quantity14;	short	i_priceh2_ind;
long	s_quantity15;	short	i_priceh3_ind;
short	s_quantity1_ind;	short	i_priceh4_ind;
short	s_quantity2_ind;	short	i_priceh5_ind;
short	s_quantity3_ind;	short	i_priceh6_ind;
short	s_quantity4_ind;	short	i_priceh7_ind;
short	s_quantity5_ind;	short	i_priceh8_ind;
short	s_quantity6_ind;	short	i_priceh9_ind;
short	s_quantity7_ind;	short	i_priceh10_ind;
short	s_quantity8_ind;	short	i_priceh11_ind;
short	s_quantity9_ind;	short	i_priceh12_ind;
short	s_quantity10_ind;	short	i_priceh13_ind;
short	s_quantity11_ind;	short	i_priceh14_ind;
short	s_quantity12_ind;	short	i_priceh15_ind;
short	s_quantity13_ind;	char	i_nameh1[25];
short	s_quantity14_ind;	char	i_nameh2[25];
short	s_quantity15_ind;	char	i_nameh3[25];
char	s_dist1[25];	char	i_nameh4[25];
char	s_dist2[25];	char	i_nameh5[25];
char	s_dist3[25];	char	i_nameh6[25];
char	s_dist4[25];	char	i_nameh7[25];
char	s_dist5[25];	char	i_nameh8[25];
char	s_dist6[25];	char	i_nameh9[25];
char	s_dist7[25];	char	i_nameh10[25];
char	s_dist8[25];	char	i_nameh11[25];
char	s_dist9[25];	char	i_nameh12[25];
char	s_dist10[25];	char	i_nameh13[25];
char	s_dist11[25];	char	i_nameh14[25];
char	s_dist12[25];	char	i_nameh15[25];
char	s_dist13[25];	short	i_nameh1_ind;
char	s_dist14[25];	short	i_nameh2_ind;
char	s_dist15[25];	short	i_nameh3_ind;
short	s_dist1_ind;	short	i_nameh4_ind;
short	s_dist2_ind;	short	i_nameh5_ind;
short	s_dist3_ind;	short	i_nameh6_ind;
short	s_dist4_ind;	short	i_nameh7_ind;
short	s_dist5_ind;	short	i_nameh8_ind;
short	s_dist6_ind;	short	i_nameh9_ind;
short	s_dist7_ind;	short	i_nameh10_ind;
short	s_dist8_ind;	short	i_nameh11_ind;


```

short    i_nameh12_ind;
short    i_nameh13_ind;
short    i_nameh14_ind;
short    i_nameh15_ind;
char     i_datah1[51];
char     i_datah2[51];
char     i_datah3[51];
char     i_datah4[51];
char     i_datah5[51];
char     i_datah6[51];
char     i_datah7[51];
char     i_datah8[51];
char     i_datah9[51];
char     i_datah10[51];
char     i_datah11[51];
char     i_datah12[51];
char     i_datah13[51];
char     i_datah14[51];
char     i_datah15[51];
short    i_datah1_ind;
short    i_datah2_ind;
short    i_datah3_ind;
short    i_datah4_ind;
short    i_datah5_ind;
short    i_datah6_ind;
short    i_datah7_ind;
short    i_datah8_ind;
short    i_datah9_ind;
short    i_datah10_ind;
short    i_datah11_ind;
short    i_datah12_ind;
short    i_datah13_ind;
short    i_datah14_ind;
short    i_datah15_ind;
int      result_o_id1;
int      result_o_id2;
int      result_o_id3;
int      result_o_id4;
int      result_o_id5;
int      result_o_id6;
int      result_o_id7;
int      result_o_id8;
int      result_o_id9;
int      result_o_id10;
int      result_o_id11;
int      result_o_id12;
int      result_o_id13;
int      result_o_id14;
int      result_o_id15;
short    result_o_id1_ind;
short    result_o_id2_ind;
short    result_o_id3_ind;
short    result_o_id4_ind;
short    result_o_id5_ind;
short    result_o_id6_ind;
short    result_o_id7_ind;
short    result_o_id8_ind;
short    result_o_id9_ind;
short    result_o_id10_ind;
short    result_o_id11_ind;
short    result_o_id12_ind;
short    result_o_id13_ind;
short    result_o_id14_ind;

short    result_o_id15_ind;

short    result_o_id15_ind;

#endif
/* -8< stored_array_try_yam koko_made -8< */
short    notfound;
short    notfound_ind;
short    item_notfound;
short    item_notfound_ind;
short    low_stock_ind;
EXEC SQL END DECLARE SECTION;

/* -8< stored_array_try_yam koko_kara -8< */
#if 0
long    *ol_i_id_str[] = { (long *)&ol_i_id1 ,
                          (long *)&ol_i_id2 ,
                          (long *)&ol_i_id3 ,
                          (long *)&ol_i_id4 ,
                          (long *)&ol_i_id5 ,
                          (long *)&ol_i_id6 ,
                          (long *)&ol_i_id7 ,
                          (long *)&ol_i_id8 ,
                          (long *)&ol_i_id9 ,
                          (long *)&ol_i_id10 ,
                          (long *)&ol_i_id11 ,
                          (long *)&ol_i_id12 ,
                          (long *)&ol_i_id13 ,
                          (long *)&ol_i_id14 ,
                          (long *)&ol_i_id15 ,
                          NULL};
short    *ol_supply_w_id_str[] = { (short *)&ol_supply_w_id1 ,
                                   (short *)&ol_supply_w_id2 ,
                                   (short *)&ol_supply_w_id3 ,
                                   (short *)&ol_supply_w_id4 ,
                                   (short *)&ol_supply_w_id5 ,
                                   (short *)&ol_supply_w_id6 ,
                                   (short *)&ol_supply_w_id7 ,
                                   (short *)&ol_supply_w_id8 ,
                                   (short *)&ol_supply_w_id9 ,
                                   (short *)&ol_supply_w_id10 ,
                                   (short *)&ol_supply_w_id11 ,
                                   (short *)&ol_supply_w_id12 ,
                                   (short *)&ol_supply_w_id13 ,
                                   (short *)&ol_supply_w_id14 ,
                                   (short *)&ol_supply_w_id15 ,
                                   NULL};
short    *ol_quantity_str[] = { (short *)&ol_quantity1 ,
                                 (short *)&ol_quantity2 ,
                                 (short *)&ol_quantity3 ,
                                 (short *)&ol_quantity4 ,
                                 (short *)&ol_quantity5 ,
                                 (short *)&ol_quantity6 ,
                                 (short *)&ol_quantity7 ,
                                 (short *)&ol_quantity8 ,
                                 (short *)&ol_quantity9 ,
                                 (short *)&ol_quantity10 ,
                                 (short *)&ol_quantity11 ,
                                 (short *)&ol_quantity12 ,
                                 (short *)&ol_quantity13 ,
                                 (short *)&ol_quantity14 ,
                                 (short *)&ol_quantity15 ,
                                 NULL};
int      *ol_amount_str[] = { (int *)&ol_amount1 ,

```

```

(int *)&ol_amount2 ,
(int *)&ol_amount3 ,
(int *)&ol_amount4 ,
(int *)&ol_amount5 ,
(int *)&ol_amount6 ,
(int *)&ol_amount7 ,
(int *)&ol_amount8 ,
(int *)&ol_amount9 ,
(int *)&ol_amount10 ,
(int *)&ol_amount11 ,
(int *)&ol_amount12 ,
(int *)&ol_amount13 ,
(int *)&ol_amount14 ,
(int *)&ol_amount15 ,
NULL};
char *ol_delivery_d_str[] = { (char *)&(ol_delivery_d1[0]),
(char *)&ol_delivery_d2 ,
(char *)&ol_delivery_d3 ,
(char *)&ol_delivery_d4 ,
(char *)&ol_delivery_d5 ,
(char *)&ol_delivery_d6 ,
(char *)&ol_delivery_d7 ,
(char *)&ol_delivery_d8 ,
(char *)&ol_delivery_d9 ,
(char *)&ol_delivery_d10 ,
(char *)&ol_delivery_d11 ,
(char *)&ol_delivery_d12 ,
(char *)&ol_delivery_d13 ,
(char *)&ol_delivery_d14 ,
(char *)&ol_delivery_d15 ,
NULL};
long *s_quantity_str[] = { (long *)&s_quantity1 ,
(long *)&s_quantity2 ,
(long *)&s_quantity3 ,
(long *)&s_quantity4 ,
(long *)&s_quantity5 ,
(long *)&s_quantity6 ,
(long *)&s_quantity7 ,
(long *)&s_quantity8 ,
(long *)&s_quantity9 ,
(long *)&s_quantity10 ,
(long *)&s_quantity11 ,
(long *)&s_quantity12 ,
(long *)&s_quantity13 ,
(long *)&s_quantity14 ,
(long *)&s_quantity15 ,
NULL};
char *s_dist_str[] = { (char *)&(s_dist1[0]) ,
(char *)&s_dist2 ,
(char *)&s_dist3 ,
(char *)&s_dist4 ,
(char *)&s_dist5 ,
(char *)&s_dist6 ,
(char *)&s_dist7 ,
(char *)&s_dist8 ,
(char *)&s_dist9 ,
(char *)&s_dist10 ,
(char *)&s_dist11 ,
(char *)&s_dist12 ,
(char *)&s_dist13 ,
(char *)&s_dist14 ,
(char *)&s_dist15 ,
NULL};

long *i_priceh_str[] = { (long *)&i_priceh1 ,
(long *)&i_priceh2 ,
(long *)&i_priceh3 ,
(long *)&i_priceh4 ,
(long *)&i_priceh5 ,
(long *)&i_priceh6 ,
(long *)&i_priceh7 ,
(long *)&i_priceh8 ,
(long *)&i_priceh9 ,
(long *)&i_priceh10 ,
(long *)&i_priceh11 ,
(long *)&i_priceh12 ,
(long *)&i_priceh13 ,
(long *)&i_priceh14 ,
(long *)&i_priceh15 ,
NULL};
char *i_nameh_str[] = { (char *)&(i_nameh1[0]) ,
(char *)&i_nameh2 ,
(char *)&i_nameh3 ,
(char *)&i_nameh4 ,
(char *)&i_nameh5 ,
(char *)&i_nameh6 ,
(char *)&i_nameh7 ,
(char *)&i_nameh8 ,
(char *)&i_nameh9 ,
(char *)&i_nameh10 ,
(char *)&i_nameh11 ,
(char *)&i_nameh12 ,
(char *)&i_nameh13 ,
(char *)&i_nameh14 ,
(char *)&i_nameh15 ,
NULL};
char *i_datah_str[] = { (char *)&(i_datah1[0]) ,
(char *)&i_datah2 ,
(char *)&i_datah3 ,
(char *)&i_datah4 ,
(char *)&i_datah5 ,
(char *)&i_datah6 ,
(char *)&i_datah7 ,
(char *)&i_datah8 ,
(char *)&i_datah9 ,
(char *)&i_datah10 ,
(char *)&i_datah11 ,
(char *)&i_datah12 ,
(char *)&i_datah13 ,
(char *)&i_datah14 ,
(char *)&i_datah15 ,
NULL};
int *result_o_id_str[] = { (int *)&result_o_id1 ,
(int *)&result_o_id2 ,
(int *)&result_o_id3 ,
(int *)&result_o_id4 ,
(int *)&result_o_id5 ,
(int *)&result_o_id6 ,
(int *)&result_o_id7 ,
(int *)&result_o_id8 ,
(int *)&result_o_id9 ,
(int *)&result_o_id10 ,
(int *)&result_o_id11 ,
(int *)&result_o_id12 ,
(int *)&result_o_id13 ,
(int *)&result_o_id14 ,
(int *)&result_o_id15 ,
}

```

```

NULL};

#endif
/* -8< stored_array_try_yam koko_made -8< */
/*-----*/
/* stored2.h : sql declare section for */
/* stored proceduer call */
/* */
/* 1996.10.01 s.sato */
/*-----*/
EXEC SQL BEGIN DECLARE SECTION ;

/* C-0002 00/01/27 K.Sugiyama START */

/* varchar s_join[1216] ; */ /* 1997.01.16 */
/* short s_join_ind ; */
long s_quantity_ai ARRAY(15);
short s_quantity_ai_ind ARRAY(15);
varchar s_dist_av[24] ARRAY(15);
short s_dist_av_ind ARRAY(15);
varchar s_data_av[50] ARRAY(15);
short s_data_av_ind ARRAY(15);

/* C-0002 00/01/27 K.Sugiyama END */
/* -8< stored_array_try_yam koko_kara -8< */

/*varchar i_join[1216] ;*/ /* 1997.01.16 */
/*short i_join_ind ;*/
short i_price_ai ARRAY(15);
short i_price_ai_ind ARRAY(15);
varchar i_name_av[24] ARRAY(15);
short i_name_av_ind ARRAY(15);
varchar i_data_av[50] ARRAY(15);
short i_data_av_ind ARRAY(15);

/* -8< stored_array_try_yam koko_made -8< */
/* C-0002 00/01/27 K.Sugiyama START */
/* varchar ol_join[571] ; */
/* short ol_join_ind ; */
long ol_i_id_ai ARRAY(15);
short ol_i_id_ai_ind ARRAY(15);
long ol_amount_ai ARRAY(15);
short ol_amount_ai_ind ARRAY(15);
short ol_supply_w_id_as ARRAY(15);
short ol_supply_w_id_as_ind ARRAY(15);
short ol_quantity_as ARRAY(15);
short ol_quantity_as_ind ARRAY(15);
varchar ol_delivery_av[14] ARRAY(15);
short ol_delivery_av_ind ARRAY(15);

/* C-0002 00/01/27 K.Sugiyama END */
/* -8< stored_array_try_yam koko_kara -8< */

/*varchar ol_q_join[61] ;*/
/*short ol_q_join_ind ;*/
short ol_q_ai ARRAY(15);
short ol_q_ai_ind ARRAY(15);

/* -8< stored_array_try_yam koko_made -8< */
/* C-0002 00/01/27 K.Sugiyama START */

/* varchar ol_s_join[61] ; */
/* short ol_s_join_ind ; */

short ol_s_ai ARRAY(15);
short ol_s_ai_ind ARRAY(15);

/* C-0002 00/01/27 K.Sugiyama END */
/* -8< stored_array_try_yam koko_kara -8< */

/*varchar ol_i_join[106] ;*/
/*short ol_i_join_ind ;*/
long ol_i_ai ARRAY(15);
short ol_i_ai_ind ARRAY(15);

/* -8< stored_array_try_yam koko_made -8< */
/* -8< stored_array_try_yam koko_kara -8< */

/*varchar result_join[101] ;*/
/*short result_join_ind ;*/
long result_ai ARRAY(10) ;
short result_ai_ind ARRAY(10) ;

/* -8< stored_array_try_yam koko_made -8< */
/* -8< stored_array_try_yam koko_kara -8< */
/* ORDERLINE INSERT */
#if 0
long oli_o_id_ai ARRAY(15) ;
short oli_o_id_ai_ind ARRAY(15) ;
short oli_d_id_ai ARRAY(15) ;
short oli_d_id_ai_ind ARRAY(15) ;
short oli_w_id_ai ARRAY(15) ;
short oli_w_id_ai_ind ARRAY(15) ;
long oli_number_ai ARRAY(15) ;
short oli_number_ai_ind ARRAY(15) ;
#endif
long oli_i_id_ai ARRAY(15) ;
short oli_i_id_ai_ind ARRAY(15) ;
#if 0
short oli_suply_w_ai ARRAY(15) ;
short oli_suply_w_ai_ind ARRAY(15) ;
short oli_qty_ai ARRAY(15) ;
short oli_qty_ai_ind ARRAY(15) ;
long oli_amount_ai ARRAY(15) ;
short oli_amount_ai_ind ARRAY(15) ;
varchar oli_dist_av[25] ARRAY(15) ;
short oli_dist_av_ind ARRAY(15) ;
#endif
/* -8< stored_array_try_yam koko_made -8< */

EXEC SQL END DECLARE SECTION ;

/* -8< stored_array_try_yam koko_kara -8< */
#if 0

typedef struct
{
short sqllen ;
struct
{
/*char ol_i_id[7] ; 1997.01.13*/
char s_quantity[6] ;
char s_dist[24] ;
char s_data[50] ;
}
}

```

```

    char  sapstop[1]    ;
    } sqlvar[15]       ;
} s_join_str         ;

typedef struct
{
    short  sqllen      ;
    struct
    {
        /*char  ol_i_id[7]    ;           1997.01.14*/
        char  i_price[6]    ;
        char  i_name[24]   ;
        char  i_data[50]   ;
        char  sapstop[1]   ;
    } sqlvar[15]       ;
} i_join_str        ;

typedef struct
{
    short  sqllen      ;
    struct
    {
        char  ol_i_id[7]    ;
        char  ol_amount[8]  ;
        char  ol_supply_w_id[4] ;
        char  ol_quantity[4] ;
        char  ol_delivery_d[14] ;
        char  sapstop[1]   ;
    } sqlvar[15]       ;
} ol_join_str       ;

typedef struct           /* 961003  s.sato */
{
    short  sqllen      ;
    struct
    {
        char  ol_quantity[4] ;
    } sqlvar[15]       ;
} ol_q_join_str       ;

typedef struct           /* 961003  s.sato */
{
    short  sqllen      ;
    struct
    {
        char  ol_supply_w_id[4] ;
    } sqlvar[15]       ;
} ol_s_join_str       ;

typedef struct           /* 961003  s.sato */
{
    short  sqllen      ;
    struct
    {
        char  ol_i_id[7]    ;
    } sqlvar[15]       ;
} ol_i_join_str       ;

typedef struct           /* 961003  s.sato */
{
    short  sqllen      ;
    struct
    {

```

```

        char  result_o_id[9] ;        /* no_o_id    */
        char  sapstop[1]    ;
    } sqlvar[10]         ;
} result_join_str      ;

#endif
/* -8< stored_array_try_yam koko_made -8< */
/* Copyright 1996 BEA Systems, Inc.*/
/* THIS IS UNPUBLISHED PROPRIETARY SOURCE CODE OF    */
/* BEA Systems, Inc.                                */
/* The copyright notice above does not evidence any  */
/* actual or intended publication of such source code.*/

/* Copyright (c) 1993 USL
All rights reserved

THIS IS UNPUBLISHED PROPRIETARY
SOURCE CODE OF USL
The copyright notice above does not
evidence any actual or intended
publication of such source code.
*/
#ifdef TMENV_H
#define TMENV_H 1

/* #ident"@(##)gp.libgp/mach/sun_ev.h60.8" */

#ifdef __STDC__ || defined(__cplusplus)
#define _TMPROTOTYPES 1
#endif

#ifdef i386
#define _TML_ENDIAN 1
#endif

#ifdef _TMPROTOTYPES
#ifndef _TMCONST
#define _TMCONSTconst
#endif
#else
#define _TMCONST
#endif

#ifdef _TMPROTOTYPES
#define _(a) a
#else
#define _(a) ()
#endif

#ifndef NOWHAT
static char h_tmenv[] = "@(##)sun_ev.h42.1";
#endif

#define O_BINARY0

/* This is only used in Windows NT for thread instance data */
#define _TM_THREADVAR

#define _TM_FAR
#define _TM_NEAR
#define _TMDLLENTRY
#define _TM_CDECL

```

```
#include <sys/types.h>

/* figure out if this is sun/os 4.1 which is posix compliant */
#if defined(alloca)
#define _alloca_h
#define sun41
#else
#include <alloca.h>
#define _alloca_h
#define sun41
#endif
#undef alloca
#endif
#endif

#if defined(_TMPROTOTYPES)
typedef size_t size_t;
typedef uid_t      iuid_t;
typedef gid_t      igid_t;
#else
typedef int        isize_t; /* used by mem*, str*, stdio functions */
typedef int        iuid_t;
typedef int        igid_t;
#endif
#ifndef sun41
typedef intmode_t;
typedef intpid_t;
#endif
#endif

#define _TMPAGESIZE 512L

typedef int        _TMXDRINT;
typedef unsigned int _TMXDRUINT;
typedef long       TM32I;
typedef unsigned long TM32U;

#define _TMIGW
#define _TMIGWT
#define _TMIBUFT
#define _TMIDNW
#define _TMIFML
#define _TMIFML32
#define _TMIFS
#define _TMIGP
#define _TMINWI
#define _TMINWS
#define _TMIQM
#define _TMIRMS
#define _TMISQL
#define _TMITMIB
#define _TMITUX
#define _TMITUX2
#define _TMITUX2WSC
#define _TMITUXWSC
#define _TMIOUSORT
#define _TMIWSC
#define _TMITRPC

#endif
```


Appendix B: Database Design



This Appendix contains the scripts used to create the database and the load program used to load the database initially.

```
::
set -x
# fastsu sh -x ./mountLOAD.sh

cp -p /opt/FSUNrdb2b/etc/rdbsysconfig.14cpu.LOAD_DIR_3
/opt/FSUNrdb2b/etc/rdbsysconfig

date

cd /rdbptc/tpcc80/ddl

rdbstop

CRDIC_DIR_3

date

# start the symfoWARE server
rdbstart

# create tables data definition
rdbddlex ddl_db.mak
rdbddlex -d TPCC crta.def.cent.V

rdbddlex -d TPCC 5720WH/ddl.dbsp.5720WH

# warehouse table
rdbddlex -d TPCC 5720WH/ddl.dat.WH
rdbddlex -d TPCC 5720WH/ddl.dat.DI
rdbddlex -d TPCC 5720WH/ddl.dat.ST
rdbddlex -d TPCC 5720WH/ddl.dat.NO
rdbddlex -d TPCC 5720WH/ddl.dat.NI
rdbddlex -d TPCC 5720WH/ddl.dat.OS
rdbddlex -d TPCC 5720WH/ddl.dat.OI
rdbddlex -d TPCC 5720WH/ddl.dat.HI

rdbddlex -d TPCC 5720WH/ddl.dat.CU
rdbddlex -d TPCC 5720WH/ddl.dat.CI
rdbddlex -d TPCC 5720WH/ddl.dat.OL
rdbddlex -d TPCC 5720WH/ddl.dat.IT

sleep 5
rdbstop
date

rdbstart
# tune the stored procedures

cdd
sh sh.stored.for.AUDIT
cd ../../ddl

rdbstop

rdbstart
# start loading the DATA
timex csh -x LOAD.5720WH.sh
rdbstop

rdbstart
# gather statistics
sh.rdbups
rdbstop

sleep 5

# remake the BIG log for tpcc
sh mktmplog.LOG_G_3.sh
sh mkarc.sh

cd /rdbptc/tpcc80/ddl
date

:
set -x
```

```

SYS=/rdbptc/tpcc80/SYS
DIC_PL=/DEV/rdsk/DIC

# user log group 1
GROUP_G1=GROUP1

# user log group 2
GROUP_G2=GROUP2

timex rdbcrdic -a 128M -du 128M -r $DIC_PL
date
rm /rdbptc/RDBDIR/DIR_G1/DIR_G1
rm /rdbptc/RDBDIR/DIR_G2/DIR_G2
rdbsscldir -G -g GROUP1 /rdbptc/RDBDIR/DIR_G1/DIR_G1
rdbsscldir -G -g GROUP2 /rdbptc/RDBDIR/DIR_G2/DIR_G2

rdbstart
rdbstop

#!/bin/csh -xf

setenv RDBDB TPCC

set LOAD1_D = /rdb/loaddata/1
set LOAD2_D = /rdb/loaddata/2
set LOAD3_D = /rdb/loaddata/3
set LOAD4_D = /rdb/loaddata/4
set LOAD5_D = /rdb/loaddata/5
set LOAD6_D = /rdb/loaddata/6
set LOAD7_D = /rdb/loaddata/7
set LOAD8_D = /rdb/loaddata/8
set LOAD9_D = /rdb/loaddata/9
set LOAD10_D = /rdb/loaddata/10
set LOAD11_D = /rdb/loaddata/11
set LOAD12_D = /rdb/loaddata/12
set LOAD13_D = /rdb/loaddata/13
set LOAD14_D = /rdb/loaddata/14
set LOAD15_D = /rdb/loaddata/15
set LOAD16_D = /rdb/loaddata/16
set LOAD17_D = /rdb/loaddata/17
set LOAD18_D = /rdb/loaddata/18
set LOAD19_D = /rdb/loaddata/19
set LOAD20_D = /rdb/loaddata/20
set LOAD21_D = /rdb/loaddata/21
set LOAD22_D = /rdb/loaddata/22
set LOAD23_D = /rdb/loaddata/23
set LOAD24_D = /rdb/loaddata/24
set LOAD25_D = /rdb/loaddata/25
set LOAD26_D = /rdb/loaddata/26
set LOAD27_D = /rdb/loaddata/27
set LOAD28_D = /rdb/loaddata/28
set WK1_D = /rdb/sortwk/1
set WK2_D = /rdb/sortwk/2
set WK3_D = /rdb/sortwk/3
set WK4_D = /rdb/sortwk/4
set WK5_D = /rdb/sortwk/5
set WK6_D = /rdb/sortwk/6
set WK7_D = /rdb/sortwk/7
set WK8_D = /rdb/sortwk/8
set WK9_D = /rdb/sortwk/9
set WK10_D = /rdb/sortwk/10
set WK11_D = /rdb/sortwk/11
set WK12_D = /rdb/sortwk/12

set WK13_D = /rdb/sortwk/13
set WK14_D = /rdb/sortwk/14
set WK15_D = /rdb/sortwk/15
set WK16_D = /rdb/sortwk/16
set WK17_D = /rdb/sortwk/17
set WK18_D = /rdb/sortwk/18
set WK19_D = /rdb/sortwk/19
set WK20_D = /rdb/sortwk/20
set WK21_D = /rdb/sortwk/21
set WK22_D = /rdb/sortwk/22
set WK23_D = /rdb/sortwk/23
set WK24_D = /rdb/sortwk/24
set WK25_D = /rdb/sortwk/25
set WK26_D = /rdb/sortwk/26
set WK27_D = /rdb/sortwk/27
set WK28_D = /rdb/sortwk/28

set WLOAD1_D = /rdb/loaddata/1
set WLOAD2_D = /rdb/loaddata/2
set WLOAD3_D = /rdb/loaddata/3
set WLOAD4_D = /rdb/loaddata/4
set WLOAD5_D = /rdb/loaddata/5
set WLOAD6_D = /rdb/loaddata/6
set WLOAD7_D = /rdb/loaddata/7
set WLOAD8_D = /rdb/loaddata/8
set WLOAD9_D = /rdb/loaddata/9
set WLOAD10_D = /rdb/loaddata/10
set WLOAD11_D = /rdb/loaddata/11
set WLOAD12_D = /rdb/loaddata/12
set WLOAD13_D = /rdb/loaddata/13
set WLOAD14_D = /rdb/loaddata/14
set xLOAD1_D = /rdb/loaddata/15
set xLOAD2_D = /rdb/loaddata/16
set xLOAD3_D = /rdb/loaddata/17
set xLOAD4_D = /rdb/loaddata/18
set xLOAD5_D = /rdb/loaddata/19
set xLOAD6_D = /rdb/loaddata/20
set xLOAD7_D = /rdb/loaddata/21
set xLOAD8_D = /rdb/loaddata/22
set xLOAD9_D = /rdb/loaddata/23
set xLOAD10_D = /rdb/loaddata/24
set xLOAD11_D = /rdb/loaddata/25
set xLOAD12_D = /rdb/loaddata/26
set xLOAD13_D = /rdb/loaddata/27
set xLOAD14_D = /rdb/loaddata/28

rm /rdb/loaddata/*/??*_* /rdb/loaddata*/data
rm /rdb/sortwk*/SRT*

## Item

wttpcd1 $LOAD1_D 1 1 I
timex rdbloader -mi -i $RDBDB.ITEM_1_DSI \
-s SWK1_D \
-s SWK2_D \
-n $LOAD1_D/data

rm $LOAD1_D/data

## WAREHOUSE

foreach num ( 0 1 2 3 4 )
@ make_s1 = $num * 1232 + 1

```



```

@ make_e1 = $num * 1232 + 88
@ make_s2 = $num * 1232 + 89
@ make_e2 = $num * 1232 + 176
@ make_s3 = $num * 1232 + 177
@ make_e3 = $num * 1232 + 264
@ make_s4 = $num * 1232 + 265
@ make_e4 = $num * 1232 + 352
@ make_s5 = $num * 1232 + 353
@ make_e5 = $num * 1232 + 440
@ make_s6 = $num * 1232 + 441
@ make_e6 = $num * 1232 + 528
@ make_s7 = $num * 1232 + 529
@ make_e7 = $num * 1232 + 616
@ make_s8 = $num * 1232 + 617
@ make_e8 = $num * 1232 + 704
@ make_s9 = $num * 1232 + 705
@ make_e9 = $num * 1232 + 792
@ make_s10 = $num * 1232 + 793
@ make_e10 = $num * 1232 + 880
@ make_s11 = $num * 1232 + 881
@ make_e11 = $num * 1232 + 968
@ make_s12 = $num * 1232 + 969
@ make_e12 = $num * 1232 + 1056
@ make_s13 = $num * 1232 + 1057
@ make_e13 = $num * 1232 + 1144
@ make_s14 = $num * 1232 + 1145
@ make_e14 = $num * 1232 + 1232

@ dsi_num1 = $num * 14 + 1
@ dsi_num2 = $num * 14 + 2
@ dsi_num3 = $num * 14 + 3
@ dsi_num4 = $num * 14 + 4
@ dsi_num5 = $num * 14 + 5
@ dsi_num6 = $num * 14 + 6
@ dsi_num7 = $num * 14 + 7
@ dsi_num8 = $num * 14 + 8
@ dsi_num9 = $num * 14 + 9
@ dsi_num10 = $num * 14 + 10
@ dsi_num11 = $num * 14 + 11
@ dsi_num12 = $num * 14 + 12
@ dsi_num13 = $num * 14 + 13
@ dsi_num14 = $num * 14 + 14

wtpccd1 $LOAD1_D $make_s1 $make_e1 W &
wtpccd1 $LOAD2_D $make_s2 $make_e2 W &
wtpccd1 $LOAD3_D $make_s3 $make_e3 W &
wtpccd1 $LOAD4_D $make_s4 $make_e4 W &
wtpccd1 $LOAD5_D $make_s5 $make_e5 W &
wtpccd1 $LOAD6_D $make_s6 $make_e6 W &
wtpccd1 $LOAD7_D $make_s7 $make_e7 W &
wtpccd1 $LOAD8_D $make_s8 $make_e8 W &
wtpccd1 $LOAD9_D $make_s9 $make_e9 W &
wtpccd1 $LOAD10_D $make_s10 $make_e10 W &
wtpccd1 $LOAD11_D $make_s11 $make_e11 W &
wtpccd1 $LOAD12_D $make_s12 $make_e12 W &
wtpccd1 $LOAD13_D $make_s13 $make_e13 W &
wtpccd1 $LOAD14_D $make_s14 $make_e14 W &

wait

if ( $num != 0 ) then

@ rm_make_s1 = $num * 1232 + 1 - 1232
@ rm_make_e1 = $num * 1232 + 88 - 1232

@ rm_make_s2 = $num * 1232 + 89 - 1232
@ rm_make_e2 = $num * 1232 + 176 - 1232
@ rm_make_s3 = $num * 1232 + 177 - 1232
@ rm_make_e3 = $num * 1232 + 264 - 1232
@ rm_make_s4 = $num * 1232 + 265 - 1232
@ rm_make_e4 = $num * 1232 + 352 - 1232
@ rm_make_s5 = $num * 1232 + 353 - 1232
@ rm_make_e5 = $num * 1232 + 440 - 1232
@ rm_make_s6 = $num * 1232 + 441 - 1232
@ rm_make_e6 = $num * 1232 + 528 - 1232
@ rm_make_s7 = $num * 1232 + 529 - 1232
@ rm_make_e7 = $num * 1232 + 616 - 1232
@ rm_make_s8 = $num * 1232 + 617 - 1232
@ rm_make_e8 = $num * 1232 + 704 - 1232
@ rm_make_s9 = $num * 1232 + 705 - 1232
@ rm_make_e9 = $num * 1232 + 792 - 1232
@ rm_make_s10 = $num * 1232 + 793 - 1232
@ rm_make_e10 = $num * 1232 + 880 - 1232
@ rm_make_s11 = $num * 1232 + 881 - 1232
@ rm_make_e11 = $num * 1232 + 968 - 1232
@ rm_make_s12 = $num * 1232 + 969 - 1232
@ rm_make_e12 = $num * 1232 + 1056 - 1232
@ rm_make_s13 = $num * 1232 + 1057 - 1232
@ rm_make_e13 = $num * 1232 + 1144 - 1232
@ rm_make_s14 = $num * 1232 + 1145 - 1232
@ rm_make_e14 = $num * 1232 + 1232 - 1232

rm SLOAD1_D/WH$rm_make_s1\_$_rm_make_e1
rm SLOAD2_D/WH$rm_make_s2\_$_rm_make_e2
rm SLOAD3_D/WH$rm_make_s3\_$_rm_make_e3
rm SLOAD4_D/WH$rm_make_s4\_$_rm_make_e4
rm SLOAD5_D/WH$rm_make_s5\_$_rm_make_e5
rm SLOAD6_D/WH$rm_make_s6\_$_rm_make_e6
rm SLOAD7_D/WH$rm_make_s7\_$_rm_make_e7
rm SLOAD8_D/WH$rm_make_s8\_$_rm_make_e8
rm SLOAD9_D/WH$rm_make_s9\_$_rm_make_e9
rm SLOAD10_D/WH$rm_make_s10\_$_rm_make_e10
rm SLOAD11_D/WH$rm_make_s11\_$_rm_make_e11
rm SLOAD12_D/WH$rm_make_s12\_$_rm_make_e12
rm SLOAD13_D/WH$rm_make_s13\_$_rm_make_e13
rm SLOAD14_D/WH$rm_make_s14\_$_rm_make_e14

endif

if ( $dsi_num1 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.WAREHOUSE_$dsi_num1\_$_DSI \
        -s SWK1_D \
        -s SWK2_D \
        -n
    SLOAD1_D/WH$make_s1\_$_make_e1 &
endif
if ( $dsi_num2 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.WAREHOUSE_$dsi_num2\_$_DSI \
        -s SWK3_D \
        -s SWK4_D \
        -n
    SLOAD2_D/WH$make_s2\_$_make_e2 &
endif
if ( $dsi_num3 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.WAREHOUSE_$dsi_num3\_$_DSI \
        -s SWK5_D \
        -s SWK6_D \
        -n
    SLOAD3_D/WH$make_s3\_$_make_e3 &
endif

```

```

if ( $dsi_num4 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num4\_DSI \
    -s SWK7_D \
    -s SWK8_D \
    -n
$LOAD4_D/WH$make_s4\_Smake_e4 &
endif
if ( $dsi_num5 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num5\_DSI \
    -s SWK9_D \
    -s SWK10_D \
    -n
$LOAD5_D/WH$make_s5\_Smake_e5 &
endif
if ( $dsi_num6 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num6\_DSI \
    -s SWK11_D \
    -s SWK12_D \
    -n
$LOAD6_D/WH$make_s6\_Smake_e6 &
endif
if ( $dsi_num7 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num7\_DSI \
    -s SWK13_D \
    -s SWK14_D \
    -n
$LOAD7_D/WH$make_s7\_Smake_e7 &
endif
if ( $dsi_num8 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num8\_DSI \
    -s SWK15_D \
    -s SWK16_D \
    -n
$LOAD8_D/WH$make_s8\_Smake_e8 &
endif
if ( $dsi_num9 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num9\_DSI \
    -s SWK17_D \
    -s SWK18_D \
    -n
$LOAD9_D/WH$make_s9\_Smake_e9 &
endif
if ( $dsi_num10 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num10\_DSI \
    -s SWK19_D \
    -s SWK20_D \
    -n
$LOAD10_D/WH$make_s10\_Smake_e10 &
endif
if ( $dsi_num11 <= 65 ) then
    timex rdbsloader -mi -i
SRDBDB.WAREHOUSE_$$dsi_num11\_DSI \
    -s SWK21_D \
    -s SWK22_D \
    -n
$LOAD11_D/WH$make_s11\_Smake_e11 &

endif
if ( $dsi_num12 <= 65 ) then
    timex rdbsloader -mi -i SRDBDB.WAREHOUSE_$$dsi_num12\_DSI \
    -s SWK23_D \
    -s SWK24_D \
    -n
$LOAD12_D/WH$make_s12\_Smake_e12 &
endif
if ( $dsi_num13 <= 65 ) then
    timex rdbsloader -mi -i SRDBDB.WAREHOUSE_$$dsi_num13\_DSI \
    -s SWK25_D \
    -s SWK26_D \
    -n
$LOAD13_D/WH$make_s13\_Smake_e13 &
endif
if ( $dsi_num14 <= 65 ) then
    timex rdbsloader -mi -i SRDBDB.WAREHOUSE_$$dsi_num14\_DSI \
    -s SWK27_D \
    -s SWK28_D \
    -n
$LOAD14_D/WH$make_s14\_Smake_e14 &
endif
end

    wait
    rm /rdb/loaddata/*/WH*
    ## DISTRICT

    foreach num ( 0 1 2 3 4 )

        @ make_s1 = $num * 1232 + 1
        @ make_e1 = $num * 1232 + 88
        @ make_s2 = $num * 1232 + 89
        @ make_e2 = $num * 1232 + 176
        @ make_s3 = $num * 1232 + 177
        @ make_e3 = $num * 1232 + 264
        @ make_s4 = $num * 1232 + 265
        @ make_e4 = $num * 1232 + 352
        @ make_s5 = $num * 1232 + 353
        @ make_e5 = $num * 1232 + 440
        @ make_s6 = $num * 1232 + 441
        @ make_e6 = $num * 1232 + 528
        @ make_s7 = $num * 1232 + 529
        @ make_e7 = $num * 1232 + 616
        @ make_s8 = $num * 1232 + 617
        @ make_e8 = $num * 1232 + 704
        @ make_s9 = $num * 1232 + 705
        @ make_e9 = $num * 1232 + 792
        @ make_s10 = $num * 1232 + 793
        @ make_e10 = $num * 1232 + 880
        @ make_s11 = $num * 1232 + 881
        @ make_e11 = $num * 1232 + 968
        @ make_s12 = $num * 1232 + 969
        @ make_e12 = $num * 1232 + 1056
        @ make_s13 = $num * 1232 + 1057
        @ make_e13 = $num * 1232 + 1144
        @ make_s14 = $num * 1232 + 1145
        @ make_e14 = $num * 1232 + 1232

        @ dsi_num1 = $num * 14 + 1
        @ dsi_num2 = $num * 14 + 2
        @ dsi_num3 = $num * 14 + 3
        @ dsi_num4 = $num * 14 + 4
    
```

```

@ dsi_num5 = $num * 14 + 5
@ dsi_num6 = $num * 14 + 6
@ dsi_num7 = $num * 14 + 7
@ dsi_num8 = $num * 14 + 8
@ dsi_num9 = $num * 14 + 9
@ dsi_num10 = $num * 14 + 10
@ dsi_num11 = $num * 14 + 11
@ dsi_num12 = $num * 14 + 12
@ dsi_num13 = $num * 14 + 13
@ dsi_num14 = $num * 14 + 14

wttppcd1 $LOAD1_D/$smake_s1 $smake_e1 D &
wttppcd1 $LOAD2_D/$smake_s2 $smake_e2 D &
wttppcd1 $LOAD3_D/$smake_s3 $smake_e3 D &
wttppcd1 $LOAD4_D/$smake_s4 $smake_e4 D &
wttppcd1 $LOAD5_D/$smake_s5 $smake_e5 D &
wttppcd1 $LOAD6_D/$smake_s6 $smake_e6 D &
wttppcd1 $LOAD7_D/$smake_s7 $smake_e7 D &
wttppcd1 $LOAD8_D/$smake_s8 $smake_e8 D &
wttppcd1 $LOAD9_D/$smake_s9 $smake_e9 D &
wttppcd1 $LOAD10_D/$smake_s10 $smake_e10 D &
wttppcd1 $LOAD11_D/$smake_s11 $smake_e11 D &
wttppcd1 $LOAD12_D/$smake_s12 $smake_e12 D &
wttppcd1 $LOAD13_D/$smake_s13 $smake_e13 D &
wttppcd1 $LOAD14_D/$smake_s14 $smake_e14 D &

wait

if ( $num != 0 ) then

@ rm_make_s1 = $num * 1232 + 1 - 1232
@ rm_make_e1 = $num * 1232 + 88 - 1232
@ rm_make_s2 = $num * 1232 + 89 - 1232
@ rm_make_e2 = $num * 1232 + 176 - 1232
@ rm_make_s3 = $num * 1232 + 177 - 1232
@ rm_make_e3 = $num * 1232 + 264 - 1232
@ rm_make_s4 = $num * 1232 + 265 - 1232
@ rm_make_e4 = $num * 1232 + 352 - 1232
@ rm_make_s5 = $num * 1232 + 353 - 1232
@ rm_make_e5 = $num * 1232 + 440 - 1232
@ rm_make_s6 = $num * 1232 + 441 - 1232
@ rm_make_e6 = $num * 1232 + 528 - 1232
@ rm_make_s7 = $num * 1232 + 529 - 1232
@ rm_make_e7 = $num * 1232 + 616 - 1232
@ rm_make_s8 = $num * 1232 + 617 - 1232
@ rm_make_e8 = $num * 1232 + 704 - 1232
@ rm_make_s9 = $num * 1232 + 705 - 1232
@ rm_make_e9 = $num * 1232 + 792 - 1232
@ rm_make_s10 = $num * 1232 + 793 - 1232
@ rm_make_e10 = $num * 1232 + 880 - 1232
@ rm_make_s11 = $num * 1232 + 881 - 1232
@ rm_make_e11 = $num * 1232 + 968 - 1232
@ rm_make_s12 = $num * 1232 + 969 - 1232
@ rm_make_e12 = $num * 1232 + 1056 - 1232
@ rm_make_s13 = $num * 1232 + 1057 - 1232
@ rm_make_e13 = $num * 1232 + 1144 - 1232
@ rm_make_s14 = $num * 1232 + 1145 - 1232
@ rm_make_e14 = $num * 1232 + 1232 - 1232

rm $LOAD1_D/$smake_s1\_smake_e1
rm $LOAD2_D/$smake_s2\_smake_e2
rm $LOAD3_D/$smake_s3\_smake_e3
rm $LOAD4_D/$smake_s4\_smake_e4
rm $LOAD5_D/$smake_s5\_smake_e5
rm $LOAD6_D/$smake_s6\_smake_e6

rm $LOAD7_D/$smake_s7\_smake_e7
rm $LOAD8_D/$smake_s8\_smake_e8
rm $LOAD9_D/$smake_s9\_smake_e9
rm $LOAD10_D/$smake_s10\_smake_e10
rm $LOAD11_D/$smake_s11\_smake_e11
rm $LOAD12_D/$smake_s12\_smake_e12
rm $LOAD13_D/$smake_s13\_smake_e13
rm $LOAD14_D/$smake_s14\_smake_e14

endif

if ( $dsi_num1 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num1\_DSI \
        -s $WK1_D \
        -s $WK2_D \
        -n
    $LOAD1_D/$smake_s1\_smake_e1 &
endif

if ( $dsi_num2 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num2\_DSI \
        -s $WK3_D \
        -s $WK4_D \
        -n
    $LOAD2_D/$smake_s2\_smake_e2 &
endif

if ( $dsi_num3 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num3\_DSI \
        -s $WK5_D \
        -s $WK6_D \
        -n
    $LOAD3_D/$smake_s3\_smake_e3 &
endif

if ( $dsi_num4 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num4\_DSI \
        -s $WK7_D \
        -s $WK8_D \
        -n
    $LOAD4_D/$smake_s4\_smake_e4 &
endif

if ( $dsi_num5 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num5\_DSI \
        -s $WK9_D \
        -s $WK10_D \
        -n
    $LOAD5_D/$smake_s5\_smake_e5 &
endif

if ( $dsi_num6 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num6\_DSI \
        -s $WK11_D \
        -s $WK12_D \
        -n
    $LOAD6_D/$smake_s6\_smake_e6 &
endif

if ( $dsi_num7 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num7\_DSI \
        -s $WK13_D \
        -s $WK14_D \
        -n
    $LOAD7_D/$smake_s7\_smake_e7 &
endif

if ( $dsi_num8 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$dsi_num8\_DSI \
        -s $WK15_D \
        -s $WK16_D \
        -n
endif

```

```

                                -n
$LOAD8_D/DI$make_s8\_$_make_e8 &
endif
if ( $dsi_num9 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$_dsi_num9\_$_DSI \
                                -s SWK17_D \
                                -s SWK18_D \
                                -n
$LOAD9_D/DI$make_s9\_$_make_e9 &
endif
if ( $dsi_num10 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$_dsi_num10\_$_DSI
\
                                -s SWK19_D \
                                -s SWK20_D \
                                -n
$LOAD10_D/DI$make_s10\_$_make_e10 &
endif
if ( $dsi_num11 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$_dsi_num11\_$_DSI
\
                                -s SWK21_D \
                                -s SWK22_D \
                                -n
$LOAD11_D/DI$make_s11\_$_make_e11 &
endif
if ( $dsi_num12 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$_dsi_num12\_$_DSI
\
                                -s SWK23_D \
                                -s SWK24_D \
                                -n
$LOAD12_D/DI$make_s12\_$_make_e12 &
endif
if ( $dsi_num13 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$_dsi_num13\_$_DSI
\
                                -s SWK25_D \
                                -s SWK26_D \
                                -n
$LOAD13_D/DI$make_s13\_$_make_e13 &
endif
if ( $dsi_num14 <= 65 ) then
    timex rdbloader -mi -i $RDBDB.DISTRICT_$_dsi_num14\_$_DSI
\
                                -s SWK27_D \
                                -s SWK28_D \
                                -n
$LOAD14_D/DI$make_s14\_$_make_e14 &
endif
end

    wait
    rm /rdb/loaddata/*/*DI*
    ## CUSTOMER

foreach num ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 )
    if ( $num != 0 ) then
        @ make_s1 = $num * 154 + 1
        @ make_e1 = $num * 154 + 11
        @ make_s2 = $num * 154 + 12
        @ make_e2 = $num * 154 + 22

        @ make_s3 = $num * 154 + 23
        @ make_e3 = $num * 154 + 33
        @ make_s4 = $num * 154 + 34
        @ make_e4 = $num * 154 + 44
        @ make_s5 = $num * 154 + 45
        @ make_e5 = $num * 154 + 55
        @ make_s6 = $num * 154 + 56
        @ make_e6 = $num * 154 + 66
        @ make_s7 = $num * 154 + 67
        @ make_e7 = $num * 154 + 77
        @ make_s8 = $num * 154 + 78
        @ make_e8 = $num * 154 + 88
        @ make_s9 = $num * 154 + 89
        @ make_e9 = $num * 154 + 99
        @ make_s10 = $num * 154 + 100
        @ make_e10 = $num * 154 + 110
        @ make_s11 = $num * 154 + 111
        @ make_e11 = $num * 154 + 121
        @ make_s12 = $num * 154 + 122
        @ make_e12 = $num * 154 + 132
        @ make_s13 = $num * 154 + 133
        @ make_e13 = $num * 154 + 143
        @ make_s14 = $num * 154 + 144
        @ make_e14 = $num * 154 + 154

        @ dsi_num1 = $num * 14 + 1
        @ dsi_num2 = $num * 14 + 2
        @ dsi_num3 = $num * 14 + 3
        @ dsi_num4 = $num * 14 + 4
        @ dsi_num5 = $num * 14 + 5
        @ dsi_num6 = $num * 14 + 6
        @ dsi_num7 = $num * 14 + 7
        @ dsi_num8 = $num * 14 + 8
        @ dsi_num9 = $num * 14 + 9
        @ dsi_num10 = $num * 14 + 10
        @ dsi_num11 = $num * 14 + 11
        @ dsi_num12 = $num * 14 + 12
        @ dsi_num13 = $num * 14 + 13
        @ dsi_num14 = $num * 14 + 14
        wtpcccd1_V $LOAD1_D $make_s1 $make_e1 C &
        wtpcccd1_V $LOAD2_D $make_s2 $make_e2 C &
        wtpcccd1_V $LOAD3_D $make_s3 $make_e3 C &
        wtpcccd1_V $LOAD4_D $make_s4 $make_e4 C &
        wtpcccd1_V $LOAD5_D $make_s5 $make_e5 C &
        wtpcccd1_V $LOAD6_D $make_s6 $make_e6 C &
        wtpcccd1_V $LOAD7_D $make_s7 $make_e7 C &
        wtpcccd1_V $LOAD8_D $make_s8 $make_e8 C &
        wtpcccd1_V $LOAD9_D $make_s9 $make_e9 C &
        wtpcccd1_V $LOAD10_D $make_s10 $make_e10 C &
        wtpcccd1_V $LOAD11_D $make_s11 $make_e11 C &
        wtpcccd1_V $LOAD12_D $make_s12 $make_e12 C &
        wtpcccd1_V $LOAD13_D $make_s13 $make_e13 C &
        wtpcccd1_V $LOAD14_D $make_s14 $make_e14 C &

        wait

        @ rm_make_s1 = $num * 154 + 1 - 154
        @ rm_make_e1 = $num * 154 + 11 - 154
        @ rm_make_s2 = $num * 154 + 12 - 154
        @ rm_make_e2 = $num * 154 + 22 - 154
        @ rm_make_s3 = $num * 154 + 23 - 154
    fi
end

```

```

@ rm_make_e3 = $num * 154 + 33 - 154
@ rm_make_s4 = $num * 154 + 34 - 154
@ rm_make_e4 = $num * 154 + 44 - 154
@ rm_make_s5 = $num * 154 + 45 - 154
@ rm_make_e5 = $num * 154 + 55 - 154
@ rm_make_s6 = $num * 154 + 56 - 154
@ rm_make_e6 = $num * 154 + 66 - 154
@ rm_make_s7 = $num * 154 + 67 - 154
@ rm_make_e7 = $num * 154 + 77 - 154
@ rm_make_s8 = $num * 154 + 78 - 154
@ rm_make_e8 = $num * 154 + 88 - 154
@ rm_make_s9 = $num * 154 + 89 - 154
@ rm_make_e9 = $num * 154 + 99 - 154
@ rm_make_s10 = $num * 154 + 100 - 154
@ rm_make_e10 = $num * 154 + 110 - 154
@ rm_make_s11 = $num * 154 + 111 - 154
@ rm_make_e11 = $num * 154 + 121 - 154
@ rm_make_s12 = $num * 154 + 122 - 154
@ rm_make_e12 = $num * 154 + 132 - 154
@ rm_make_s13 = $num * 154 + 133 - 154
@ rm_make_e13 = $num * 154 + 143 - 154
@ rm_make_s14 = $num * 154 + 144 - 154
@ rm_make_e14 = $num * 154 + 154 - 154
rm SLOAD1_D/CU$rm_make_s1\_$_rm_make_e1
rm SLOAD2_D/CU$rm_make_s2\_$_rm_make_e2
rm SLOAD3_D/CU$rm_make_s3\_$_rm_make_e3
rm SLOAD4_D/CU$rm_make_s4\_$_rm_make_e4
rm SLOAD5_D/CU$rm_make_s5\_$_rm_make_e5
rm SLOAD6_D/CU$rm_make_s6\_$_rm_make_e6
rm SLOAD7_D/CU$rm_make_s7\_$_rm_make_e7
rm SLOAD8_D/CU$rm_make_s8\_$_rm_make_e8
rm SLOAD9_D/CU$rm_make_s9\_$_rm_make_e9
rm SLOAD10_D/CU$rm_make_s10\_$_rm_make_e10
rm SLOAD11_D/CU$rm_make_s11\_$_rm_make_e11
rm SLOAD12_D/CU$rm_make_s12\_$_rm_make_e12
rm SLOAD13_D/CU$rm_make_s13\_$_rm_make_e13
rm SLOAD14_D/CU$rm_make_s14\_$_rm_make_e14
endif

if ( $dsi_num1 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num1\_$_DSI
-h \
      -s SWK1_D \
      -s SWK2_D \
      -n
SLOAD1_D/CU$make_s1\_$_make_e1 &
endif
if ( $dsi_num2 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num2\_$_DSI
-h \
      -s SWK3_D \
      -s SWK4_D \
      -n
SLOAD2_D/CU$make_s2\_$_make_e2 &
endif
if ( $dsi_num3 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num3\_$_DSI
-h \
      -s SWK5_D \
      -s SWK6_D \
      -n
SLOAD3_D/CU$make_s3\_$_make_e3 &
endif

if ( $dsi_num4 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num4\_$_DSI -h \
      -s SWK7_D \
      -s SWK8_D \
      -n
SLOAD4_D/CU$make_s4\_$_make_e4 &
endif
if ( $dsi_num5 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num5\_$_DSI -h \
      -s SWK9_D \
      -s SWK10_D \
      -n
SLOAD5_D/CU$make_s5\_$_make_e5 &
endif
if ( $dsi_num6 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num6\_$_DSI -h \
      -s SWK11_D \
      -s SWK12_D \
      -n
SLOAD6_D/CU$make_s6\_$_make_e6 &
endif
if ( $dsi_num7 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num7\_$_DSI -h \
      -s SWK13_D \
      -s SWK14_D \
      -n
SLOAD7_D/CU$make_s7\_$_make_e7 &
endif
if ( $dsi_num8 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num8\_$_DSI -h \
      -s SWK15_D \
      -s SWK16_D \
      -n
SLOAD8_D/CU$make_s8\_$_make_e8 &
endif
if ( $dsi_num9 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num9\_$_DSI -h \
      -s SWK17_D \
      -s SWK18_D \
      -n
SLOAD9_D/CU$make_s9\_$_make_e9 &
endif
if ( $dsi_num10 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num10\_$_DSI -h \
      -s SWK19_D \
      -s SWK20_D \
      -n
SLOAD10_D/CU$make_s10\_$_make_e10 &
endif
if ( $dsi_num11 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num11\_$_DSI -h \
      -s SWK21_D \
      -s SWK22_D \
      -n
SLOAD11_D/CU$make_s11\_$_make_e11 &
endif
if ( $dsi_num12 <= 520 ) then
  timex rdbloader -mi -i $RDBDB.CUSTOMER_$_dsi_num12\_$_DSI -h \
      -s SWK23_D \
      -s SWK24_D \
      -n
SLOAD12_D/CU$make_s12\_$_make_e12 &
endif

```

```

if ( $dsi_num13 <= 520 ) then
    timex rdbloader -mi -i
SRDBDB.CUSTOMER_$$dsi_num13\_DSI -h \
    -s SWK25_D \
    -s SWK26_D \
    -n
$LOAD13_D/CU$make_s13\_$_make_e13 &
endif
if ( $dsi_num14 <= 520 ) then
    timex rdbloader -mi -i
SRDBDB.CUSTOMER_$$dsi_num14\_DSI -h \
    -s SWK27_D \
    -s SWK28_D \
    -n
$LOAD14_D/CU$make_s14\_$_make_e14 &
endif
end

wait
rm /rdb/loaddata/*/CU*
## HISTORY

foreach num ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 )
    if ( $Snum != 0 ) then
        @ dsi_num10 = $Snum * 14 + 10
        @ dsi_num11 = $Snum * 14 + 11
        @ dsi_num12 = $Snum * 14 + 12
        @ dsi_num13 = $Snum * 14 + 13
        @ dsi_num14 = $Snum * 14 + 14
        wttppcd1 $LOAD1_D $make_s1 $make_e1 H &
        wttppcd1 $LOAD2_D $make_s2 $make_e2 H &
        wttppcd1 $LOAD3_D $make_s3 $make_e3 H &
        wttppcd1 $LOAD4_D $make_s4 $make_e4 H &
        wttppcd1 $LOAD5_D $make_s5 $make_e5 H &
        wttppcd1 $LOAD6_D $make_s6 $make_e6 H &
        wttppcd1 $LOAD7_D $make_s7 $make_e7 H &
        wttppcd1 $LOAD8_D $make_s8 $make_e8 H &
        wttppcd1 $LOAD9_D $make_s9 $make_e9 H &
        wttppcd1 $LOAD10_D $make_s10 $make_e10 H &
        wttppcd1 $LOAD11_D $make_s11 $make_e11 H &
        wttppcd1 $LOAD12_D $make_s12 $make_e12 H &
        wttppcd1 $LOAD13_D $make_s13 $make_e13 H &
        wttppcd1 $LOAD14_D $make_s14 $make_e14 H &

        wait

        @ rm_make_s1 = $Snum * 154 + 1 - 154
        @ rm_make_e1 = $Snum * 154 + 11 - 154
        @ rm_make_s2 = $Snum * 154 + 12 - 154
        @ rm_make_e2 = $Snum * 154 + 22 - 154
        @ rm_make_s3 = $Snum * 154 + 23 - 154
        @ rm_make_e3 = $Snum * 154 + 33 - 154
        @ rm_make_s4 = $Snum * 154 + 34 - 154
        @ rm_make_e4 = $Snum * 154 + 44 - 154
        @ rm_make_s5 = $Snum * 154 + 45 - 154
        @ rm_make_e5 = $Snum * 154 + 55 - 154
        @ rm_make_s6 = $Snum * 154 + 56 - 154
        @ rm_make_e6 = $Snum * 154 + 66 - 154
        @ rm_make_s7 = $Snum * 154 + 67 - 154
        @ rm_make_e7 = $Snum * 154 + 77 - 154
        @ rm_make_s8 = $Snum * 154 + 78 - 154
        @ rm_make_e8 = $Snum * 154 + 88 - 154
        @ rm_make_s9 = $Snum * 154 + 89 - 154
        @ rm_make_e9 = $Snum * 154 + 99 - 154
        @ rm_make_s10 = $Snum * 154 + 100 - 154
        @ rm_make_e10 = $Snum * 154 + 110 - 154
        @ rm_make_s11 = $Snum * 154 + 111 - 154
        @ rm_make_e11 = $Snum * 154 + 121 - 154
        @ rm_make_s12 = $Snum * 154 + 122 - 154
        @ rm_make_e12 = $Snum * 154 + 132 - 154
        @ rm_make_s13 = $Snum * 154 + 133 - 154
        @ rm_make_e13 = $Snum * 154 + 143 - 154
        @ rm_make_s14 = $Snum * 154 + 144 - 154
        @ rm_make_e14 = $Snum * 154 + 154 - 154

        @ dsi_num1 = $Snum * 14 + 1
        @ dsi_num2 = $Snum * 14 + 2
        @ dsi_num3 = $Snum * 14 + 3
        @ dsi_num4 = $Snum * 14 + 4
        @ dsi_num5 = $Snum * 14 + 5
        @ dsi_num6 = $Snum * 14 + 6
        @ dsi_num7 = $Snum * 14 + 7
        @ dsi_num8 = $Snum * 14 + 8
        @ dsi_num9 = $Snum * 14 + 9

        @ make_s1 = $Snum * 154 + 1
        @ make_e1 = $Snum * 154 + 11
        @ make_s2 = $Snum * 154 + 12
        @ make_e2 = $Snum * 154 + 22
        @ make_s3 = $Snum * 154 + 23
        @ make_e3 = $Snum * 154 + 33
        @ make_s4 = $Snum * 154 + 34
        @ make_e4 = $Snum * 154 + 44
        @ make_s5 = $Snum * 154 + 45
        @ make_e5 = $Snum * 154 + 55
        @ make_s6 = $Snum * 154 + 56
        @ make_e6 = $Snum * 154 + 66
        @ make_s7 = $Snum * 154 + 67
        @ make_e7 = $Snum * 154 + 77
        @ make_s8 = $Snum * 154 + 78
        @ make_e8 = $Snum * 154 + 88
        @ make_s9 = $Snum * 154 + 89
        @ make_e9 = $Snum * 154 + 99
        @ make_s10 = $Snum * 154 + 100
        @ make_e10 = $Snum * 154 + 110
        @ make_s11 = $Snum * 154 + 111
        @ make_e11 = $Snum * 154 + 121
        @ make_s12 = $Snum * 154 + 122
        @ make_e12 = $Snum * 154 + 132
        @ make_s13 = $Snum * 154 + 133
        @ make_e13 = $Snum * 154 + 143
        @ make_s14 = $Snum * 154 + 144
        @ make_e14 = $Snum * 154 + 154

        rm $LOAD1_D/HISrm_make_s1\_$_rm_make_e1
        rm $LOAD2_D/HISrm_make_s2\_$_rm_make_e2
        rm $LOAD3_D/HISrm_make_s3\_$_rm_make_e3
        rm $LOAD4_D/HISrm_make_s4\_$_rm_make_e4
        rm $LOAD5_D/HISrm_make_s5\_$_rm_make_e5
        rm $LOAD6_D/HISrm_make_s6\_$_rm_make_e6
        rm $LOAD7_D/HISrm_make_s7\_$_rm_make_e7
        rm $LOAD8_D/HISrm_make_s8\_$_rm_make_e8
        rm $LOAD9_D/HISrm_make_s9\_$_rm_make_e9
        rm $LOAD10_D/HISrm_make_s10\_$_rm_make_e10
        rm $LOAD11_D/HISrm_make_s11\_$_rm_make_e11
    fi
end

```

```

rm $LOAD12_D/HISrm_make_s12\_$_rm_make_e12
rm $LOAD13_D/HISrm_make_s13\_$_rm_make_e13
rm $LOAD14_D/HISrm_make_s14\_$_rm_make_e14
endif

if ( $dsi_num1 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num1\_$_DSI \
        -s $WK1_D \
        -s $WK2_D \
        -n
$LOAD1_D/HISmake_s1\_$_make_e1 &
endif
if ( $dsi_num2 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num2\_$_DSI \
        -s $WK3_D \
        -s $WK4_D \
        -n
$LOAD2_D/HISmake_s2\_$_make_e2 &
endif
if ( $dsi_num3 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num3\_$_DSI \
        -s $WK5_D \
        -s $WK6_D \
        -n
$LOAD3_D/HISmake_s3\_$_make_e3 &
endif
if ( $dsi_num4 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num4\_$_DSI \
        -s $WK7_D \
        -s $WK8_D \
        -n
$LOAD4_D/HISmake_s4\_$_make_e4 &
endif
if ( $dsi_num5 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num5\_$_DSI \
        -s $WK9_D \
        -s $WK10_D \
        -n
$LOAD5_D/HISmake_s5\_$_make_e5 &
endif
if ( $dsi_num6 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num6\_$_DSI \
        -s $WK11_D \
        -s $WK12_D \
        -n
$LOAD6_D/HISmake_s6\_$_make_e6 &
endif
if ( $dsi_num7 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num7\_$_DSI \
        -s $WK13_D \
        -s $WK14_D \
        -n
$LOAD7_D/HISmake_s7\_$_make_e7 &
endif
if ( $dsi_num8 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num8\_$_DSI \
        -s $WK15_D \
        -s $WK16_D \
        -n
$LOAD8_D/HISmake_s8\_$_make_e8 &
endif
if ( $dsi_num9 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num9\_$_DSI \
        -s $WK17_D \
        -s $WK18_D \
        -n
$LOAD9_D/HISmake_s9\_$_make_e9 &
endif
if ( $dsi_num10 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num10\_$_DSI \
        -s $WK19_D \
        -s $WK20_D \
        -n
$LOAD10_D/HISmake_s10\_$_make_e10 &
endif
if ( $dsi_num11 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num11\_$_DSI \
        -s $WK21_D \
        -s $WK22_D \
        -n
$LOAD11_D/HISmake_s11\_$_make_e11 &
endif
if ( $dsi_num12 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num12\_$_DSI \
        -s $WK23_D \
        -s $WK24_D \
        -n
$LOAD12_D/HISmake_s12\_$_make_e12 &
endif
if ( $dsi_num13 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num13\_$_DSI \
        -s $WK25_D \
        -s $WK26_D \
        -n
$LOAD13_D/HISmake_s13\_$_make_e13 &
endif
if ( $dsi_num14 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.HISTORY_$_dsi_num14\_$_DSI \
        -s $WK27_D \
        -s $WK28_D \
        -n
$LOAD14_D/HISmake_s14\_$_make_e14 &
endif
end

wait
rm /rdb/loaddata/*/HI*
## STOCK

foreach num ( 0 1 2 3 4 5 6 7 8 9 )
    @ make_s1 = $num * 616 + 1
    @ make_e1 = $num * 616 + 44
    @ make_s2 = $num * 616 + 45
    @ make_e2 = $num * 616 + 88
    @ make_s3 = $num * 616 + 89
    @ make_e3 = $num * 616 + 132
    @ make_s4 = $num * 616 + 133
    @ make_e4 = $num * 616 + 176
    @ make_s5 = $num * 616 + 177
    @ make_e5 = $num * 616 + 220
    @ make_s6 = $num * 616 + 221
    @ make_e6 = $num * 616 + 264
    @ make_s7 = $num * 616 + 265
    @ make_e7 = $num * 616 + 308
    @ make_s8 = $num * 616 + 309

```



```

@ make_e8 = $num * 616 + 352
@ make_s9 = $num * 616 + 353
@ make_e9 = $num * 616 + 396
@ make_s10 = $num * 616 + 397
@ make_e10 = $num * 616 + 440
@ make_s11 = $num * 616 + 441
@ make_e11 = $num * 616 + 484
@ make_s12 = $num * 616 + 485
@ make_e12 = $num * 616 + 528
@ make_s13 = $num * 616 + 529
@ make_e13 = $num * 616 + 572
@ make_s14 = $num * 616 + 573
@ make_e14 = $num * 616 + 616

@ dsi_num1 = $num * 14 + 1
@ dsi_num2 = $num * 14 + 2
@ dsi_num3 = $num * 14 + 3
@ dsi_num4 = $num * 14 + 4
@ dsi_num5 = $num * 14 + 5
@ dsi_num6 = $num * 14 + 6
@ dsi_num7 = $num * 14 + 7
@ dsi_num8 = $num * 14 + 8
@ dsi_num9 = $num * 14 + 9
@ dsi_num10 = $num * 14 + 10
@ dsi_num11 = $num * 14 + 11
@ dsi_num12 = $num * 14 + 12
@ dsi_num13 = $num * 14 + 13
@ dsi_num14 = $num * 14 + 14
wttpcd1 $WLOAD1_D/$make_s1/$make_e1 S &
wttpcd1 $WLOAD2_D/$make_s2/$make_e2 S &
wttpcd1 $WLOAD3_D/$make_s3/$make_e3 S &
wttpcd1 $WLOAD4_D/$make_s4/$make_e4 S &
wttpcd1 $WLOAD5_D/$make_s5/$make_e5 S &
wttpcd1 $WLOAD6_D/$make_s6/$make_e6 S &
wttpcd1 $WLOAD7_D/$make_s7/$make_e7 S &
wttpcd1 $WLOAD8_D/$make_s8/$make_e8 S &
wttpcd1 $WLOAD9_D/$make_s9/$make_e9 S &
wttpcd1 $WLOAD10_D/$make_s10/$make_e10 S &
wttpcd1 $WLOAD11_D/$make_s11/$make_e11 S &
wttpcd1 $WLOAD12_D/$make_s12/$make_e12 S &
wttpcd1 $WLOAD13_D/$make_s13/$make_e13 S &
wttpcd1 $WLOAD14_D/$make_s14/$make_e14 S &

wait

if ( $num != 0 ) then

rm $xLOAD1_D/$make_s1/$make_e1
rm $xLOAD2_D/$make_s2/$make_e2
rm $xLOAD3_D/$make_s3/$make_e3
rm $xLOAD4_D/$make_s4/$make_e4
rm $xLOAD5_D/$make_s5/$make_e5
rm $xLOAD6_D/$make_s6/$make_e6
rm $xLOAD7_D/$make_s7/$make_e7
rm $xLOAD8_D/$make_s8/$make_e8
rm $xLOAD9_D/$make_s9/$make_e9
rm $xLOAD10_D/$make_s10/$make_e10
rm $xLOAD11_D/$make_s11/$make_e11
rm $xLOAD12_D/$make_s12/$make_e12
rm $xLOAD13_D/$make_s13/$make_e13
rm $xLOAD14_D/$make_s14/$make_e14
endif

if ( $dsi_num1 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num1\_DSI \
        -s SWK1_D \
        -s SWK2_D \
        -n
$WLOAD1_D/$make_s1/$make_e1 &
endif
if ( $dsi_num2 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num2\_DSI \
        -s SWK3_D \
        -s SWK4_D \
        -n
$WLOAD2_D/$make_s2/$make_e2 &
endif
if ( $dsi_num3 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num3\_DSI \
        -s SWK5_D \
        -s SWK6_D \
        -n
$WLOAD3_D/$make_s3/$make_e3 &
endif
if ( $dsi_num4 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num4\_DSI \
        -s SWK7_D \
        -s SWK8_D \
        -n
$WLOAD4_D/$make_s4/$make_e4 &
endif
if ( $dsi_num5 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num5\_DSI \
        -s SWK9_D \
        -s SWK10_D \
        -n
$WLOAD5_D/$make_s5/$make_e5 &
endif
if ( $dsi_num6 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num6\_DSI \
        -s SWK11_D \
        -s SWK12_D \
        -n
$WLOAD6_D/$make_s6/$make_e6 &
endif
if ( $dsi_num7 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num7\_DSI \
        -s SWK13_D \
        -s SWK14_D \
        -n
$WLOAD7_D/$make_s7/$make_e7 &
endif
if ( $dsi_num8 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num8\_DSI \
        -s SWK15_D \
        -s SWK16_D \
        -n
$WLOAD8_D/$make_s8/$make_e8 &
endif
if ( $dsi_num9 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num9\_DSI \
        -s SWK17_D \
        -s SWK18_D \
        -n
$WLOAD9_D/$make_s9/$make_e9 &
endif

```



```

if ( $dsi_num10 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num10\_DSI \
        -s SWK19_D \
        -s SWK20_D \
        -n
$WLOAD10_D/$make_s10\_make_e10 &
endif
if ( $dsi_num11 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num11\_DSI \
        -s SWK21_D \
        -s SWK22_D \
        -n
$WLOAD11_D/$make_s11\_make_e11 &
endif
if ( $dsi_num12 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num12\_DSI \
        -s SWK23_D \
        -s SWK24_D \
        -n
$WLOAD12_D/$make_s12\_make_e12 &
endif
if ( $dsi_num13 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num13\_DSI \
        -s SWK25_D \
        -s SWK26_D \
        -n
$WLOAD13_D/$make_s13\_make_e13 &
endif
if ( $dsi_num14 <= 130 ) then
    timex rdbloader -mi -i $RDBDB.STOCK_$dsi_num14\_DSI \
        -s SWK27_D \
        -s SWK28_D \
        -n
$WLOAD14_D/$make_s14\_make_e14 &
endif
@ rm_make_s1 = $make_s1
@ rm_make_e1 = $make_e1
@ rm_make_s2 = $make_s2
@ rm_make_e2 = $make_e2
@ rm_make_s3 = $make_s3
@ rm_make_e3 = $make_e3
@ rm_make_s4 = $make_s4
@ rm_make_e4 = $make_e4
@ rm_make_s5 = $make_s5
@ rm_make_e5 = $make_e5
@ rm_make_s6 = $make_s6
@ rm_make_e6 = $make_e6
@ rm_make_s7 = $make_s7
@ rm_make_e7 = $make_e7
@ rm_make_s8 = $make_s8
@ rm_make_e8 = $make_e8
@ rm_make_s9 = $make_s9
@ rm_make_e9 = $make_e9
@ rm_make_s10 = $make_s10
@ rm_make_e10 = $make_e10
@ rm_make_s11 = $make_s11
@ rm_make_e11 = $make_e11
@ rm_make_s12 = $make_s12
@ rm_make_e12 = $make_e12
@ rm_make_s13 = $make_s13
@ rm_make_e13 = $make_e13
@ rm_make_s14 = $make_s14
@ rm_make_e14 = $make_e14

set yLOAD1_D = $xLOAD1_D
set yLOAD2_D = $xLOAD2_D
set yLOAD3_D = $xLOAD3_D
set yLOAD4_D = $xLOAD4_D
set yLOAD5_D = $xLOAD5_D
set yLOAD6_D = $xLOAD6_D
set yLOAD7_D = $xLOAD7_D
set yLOAD8_D = $xLOAD8_D
set yLOAD9_D = $xLOAD9_D
set yLOAD10_D = $xLOAD10_D
set yLOAD11_D = $xLOAD11_D
set yLOAD12_D = $xLOAD12_D
set yLOAD13_D = $xLOAD13_D
set yLOAD14_D = $xLOAD14_D

set xLOAD1_D = $WLOAD1_D
set xLOAD2_D = $WLOAD2_D
set xLOAD3_D = $WLOAD3_D
set xLOAD4_D = $WLOAD4_D
set xLOAD5_D = $WLOAD5_D
set xLOAD6_D = $WLOAD6_D
set xLOAD7_D = $WLOAD7_D
set xLOAD8_D = $WLOAD8_D
set xLOAD9_D = $WLOAD9_D
set xLOAD10_D = $WLOAD10_D
set xLOAD11_D = $WLOAD11_D
set xLOAD12_D = $WLOAD12_D
set xLOAD13_D = $WLOAD13_D
set xLOAD14_D = $WLOAD14_D

set WLOAD1_D = $yLOAD1_D
set WLOAD2_D = $yLOAD2_D
set WLOAD3_D = $yLOAD3_D
set WLOAD4_D = $yLOAD4_D
set WLOAD5_D = $yLOAD5_D
set WLOAD6_D = $yLOAD6_D
set WLOAD7_D = $yLOAD7_D
set WLOAD8_D = $yLOAD8_D
set WLOAD9_D = $yLOAD9_D
set WLOAD10_D = $yLOAD10_D
set WLOAD11_D = $yLOAD11_D
set WLOAD12_D = $yLOAD12_D
set WLOAD13_D = $yLOAD13_D
set WLOAD14_D = $yLOAD14_D

end

wait
rm /rdb/loaddata/*/ST*
## ORDERS ORDERLINE NEWORDER

foreach num ( 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
27 28 29 30 31 32 33 34 35 36 37 )

    @ make_s1 = $num * 154 + 1
    @ make_e1 = $num * 154 + 11
    @ make_s2 = $num * 154 + 12
    @ make_e2 = $num * 154 + 22
    @ make_s3 = $num * 154 + 23
    @ make_e3 = $num * 154 + 33
    @ make_s4 = $num * 154 + 34
    @ make_e4 = $num * 154 + 44

```

```

@ make_s5 = $num * 154 + 45
@ make_e5 = $num * 154 + 55
@ make_s6 = $num * 154 + 56
@ make_e6 = $num * 154 + 66
@ make_s7 = $num * 154 + 67
@ make_e7 = $num * 154 + 77
@ make_s8 = $num * 154 + 78
@ make_e8 = $num * 154 + 88
@ make_s9 = $num * 154 + 89
@ make_e9 = $num * 154 + 99
@ make_s10 = $num * 154 + 100
@ make_e10 = $num * 154 + 110
@ make_s11 = $num * 154 + 111
@ make_e11 = $num * 154 + 121
@ make_s12 = $num * 154 + 122
@ make_e12 = $num * 154 + 132
@ make_s13 = $num * 154 + 133
@ make_e13 = $num * 154 + 143
@ make_s14 = $num * 154 + 144
@ make_e14 = $num * 154 + 154

@ dsi_num_os1 = $num * 14 + 1
@ dsi_num_os2 = $num * 14 + 2
@ dsi_num_os3 = $num * 14 + 3
@ dsi_num_os4 = $num * 14 + 4
@ dsi_num_os5 = $num * 14 + 5
@ dsi_num_os6 = $num * 14 + 6
@ dsi_num_os7 = $num * 14 + 7
@ dsi_num_os8 = $num * 14 + 8
@ dsi_num_os9 = $num * 14 + 9
@ dsi_num_os10 = $num * 14 + 10
@ dsi_num_os11 = $num * 14 + 11
@ dsi_num_os12 = $num * 14 + 12
@ dsi_num_os13 = $num * 14 + 13
@ dsi_num_os14 = $num * 14 + 14
@ dsi_num_no1 = $num * 14 + 1
@ dsi_num_no2 = $num * 14 + 2
@ dsi_num_no3 = $num * 14 + 3
@ dsi_num_no4 = $num * 14 + 4
@ dsi_num_no5 = $num * 14 + 5
@ dsi_num_no6 = $num * 14 + 6
@ dsi_num_no7 = $num * 14 + 7
@ dsi_num_no8 = $num * 14 + 8
@ dsi_num_no9 = $num * 14 + 9
@ dsi_num_no10 = $num * 14 + 10
@ dsi_num_no11 = $num * 14 + 11
@ dsi_num_no12 = $num * 14 + 12
@ dsi_num_no13 = $num * 14 + 13
@ dsi_num_no14 = $num * 14 + 14
@ dsi_num_ol1 = $num * 14 + 1
@ dsi_num_ol2 = $num * 14 + 2
@ dsi_num_ol3 = $num * 14 + 3
@ dsi_num_ol4 = $num * 14 + 4
@ dsi_num_ol5 = $num * 14 + 5
@ dsi_num_ol6 = $num * 14 + 6
@ dsi_num_ol7 = $num * 14 + 7
@ dsi_num_ol8 = $num * 14 + 8
@ dsi_num_ol9 = $num * 14 + 9
@ dsi_num_ol10 = $num * 14 + 10
@ dsi_num_ol11 = $num * 14 + 11
@ dsi_num_ol12 = $num * 14 + 12
@ dsi_num_ol13 = $num * 14 + 13
@ dsi_num_ol14 = $num * 14 + 14

```

```

wtpcccd1 $LOAD1_D $make_s1 $make_e1 O &
wtpcccd1 $LOAD2_D $make_s2 $make_e2 O &
wtpcccd1 $LOAD3_D $make_s3 $make_e3 O &
wtpcccd1 $LOAD4_D $make_s4 $make_e4 O &
wtpcccd1 $LOAD5_D $make_s5 $make_e5 O &
wtpcccd1 $LOAD6_D $make_s6 $make_e6 O &
wtpcccd1 $LOAD7_D $make_s7 $make_e7 O &
wtpcccd1 $LOAD8_D $make_s8 $make_e8 O &
wtpcccd1 $LOAD9_D $make_s9 $make_e9 O &
wtpcccd1 $LOAD10_D $make_s10 $make_e10 O &
wtpcccd1 $LOAD11_D $make_s11 $make_e11 O &
wtpcccd1 $LOAD12_D $make_s12 $make_e12 O &
wtpcccd1 $LOAD13_D $make_s13 $make_e13 O &
wtpcccd1 $LOAD14_D $make_s14 $make_e14 O &

```

wait

if (\$num != 0) then

```

@ rm_make_s1 = $num * 154 + 1 - 154
@ rm_make_e1 = $num * 154 + 11 - 154
@ rm_make_s2 = $num * 154 + 12 - 154
@ rm_make_e2 = $num * 154 + 22 - 154
@ rm_make_s3 = $num * 154 + 23 - 154
@ rm_make_e3 = $num * 154 + 33 - 154
@ rm_make_s4 = $num * 154 + 34 - 154
@ rm_make_e4 = $num * 154 + 44 - 154
@ rm_make_s5 = $num * 154 + 45 - 154
@ rm_make_e5 = $num * 154 + 55 - 154
@ rm_make_s6 = $num * 154 + 56 - 154
@ rm_make_e6 = $num * 154 + 66 - 154
@ rm_make_s7 = $num * 154 + 67 - 154
@ rm_make_e7 = $num * 154 + 77 - 154
@ rm_make_s8 = $num * 154 + 78 - 154
@ rm_make_e8 = $num * 154 + 88 - 154
@ rm_make_s9 = $num * 154 + 89 - 154
@ rm_make_e9 = $num * 154 + 99 - 154
@ rm_make_s10 = $num * 154 + 100 - 154
@ rm_make_e10 = $num * 154 + 110 - 154
@ rm_make_s11 = $num * 154 + 111 - 154
@ rm_make_e11 = $num * 154 + 121 - 154
@ rm_make_s12 = $num * 154 + 122 - 154
@ rm_make_e12 = $num * 154 + 132 - 154
@ rm_make_s13 = $num * 154 + 133 - 154
@ rm_make_e13 = $num * 154 + 143 - 154
@ rm_make_s14 = $num * 154 + 144 - 154
@ rm_make_e14 = $num * 154 + 154 - 154
rm $LOAD1_D/$OSrm_make_s1\_rm_make_e1
rm $LOAD1_D/$OLrm_make_s1\_rm_make_e1
rm $LOAD1_D/$NOSrm_make_s1\_rm_make_e1
rm $LOAD2_D/$OSrm_make_s2\_rm_make_e2
rm $LOAD2_D/$OLrm_make_s2\_rm_make_e2
rm $LOAD2_D/$NOSrm_make_s2\_rm_make_e2
rm $LOAD3_D/$OSrm_make_s3\_rm_make_e3
rm $LOAD3_D/$OLrm_make_s3\_rm_make_e3
rm $LOAD3_D/$NOSrm_make_s3\_rm_make_e3
rm $LOAD4_D/$OSrm_make_s4\_rm_make_e4
rm $LOAD4_D/$OLrm_make_s4\_rm_make_e4
rm $LOAD4_D/$NOSrm_make_s4\_rm_make_e4
rm $LOAD5_D/$OSrm_make_s5\_rm_make_e5
rm $LOAD5_D/$OLrm_make_s5\_rm_make_e5
rm $LOAD5_D/$NOSrm_make_s5\_rm_make_e5
rm $LOAD6_D/$OSrm_make_s6\_rm_make_e6

```

```

rm $LOAD6_D/OL$rm_make_s6\_$_rm_make_e6
rm $LOAD6_D/NO$rm_make_s6\_$_rm_make_e6
rm $LOAD7_D/OSS$rm_make_s7\_$_rm_make_e7
rm $LOAD7_D/OL$rm_make_s7\_$_rm_make_e7
rm $LOAD7_D/NO$rm_make_s7\_$_rm_make_e7
rm $LOAD8_D/OSS$rm_make_s8\_$_rm_make_e8
rm $LOAD8_D/OL$rm_make_s8\_$_rm_make_e8
rm $LOAD8_D/NO$rm_make_s8\_$_rm_make_e8
rm $LOAD9_D/OSS$rm_make_s9\_$_rm_make_e9
rm $LOAD9_D/OL$rm_make_s9\_$_rm_make_e9
rm $LOAD9_D/NO$rm_make_s9\_$_rm_make_e9
rm $LOAD10_D/OSS$rm_make_s10\_$_rm_make_e10
rm $LOAD10_D/OL$rm_make_s10\_$_rm_make_e10
rm $LOAD10_D/NO$rm_make_s10\_$_rm_make_e10
rm $LOAD11_D/OSS$rm_make_s11\_$_rm_make_e11
rm $LOAD11_D/OL$rm_make_s11\_$_rm_make_e11
rm $LOAD11_D/NO$rm_make_s11\_$_rm_make_e11
rm $LOAD12_D/OSS$rm_make_s12\_$_rm_make_e12
rm $LOAD12_D/OL$rm_make_s12\_$_rm_make_e12
rm $LOAD12_D/NO$rm_make_s12\_$_rm_make_e12
rm $LOAD13_D/OSS$rm_make_s13\_$_rm_make_e13
rm $LOAD13_D/OL$rm_make_s13\_$_rm_make_e13
rm $LOAD13_D/NO$rm_make_s13\_$_rm_make_e13
rm $LOAD14_D/OSS$rm_make_s14\_$_rm_make_e14
rm $LOAD14_D/OL$rm_make_s14\_$_rm_make_e14
rm $LOAD14_D/NO$rm_make_s14\_$_rm_make_e14
endif
if ( $dsi_num_os1 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os1\_$_DSI
-h -f 10\
                                -s $WK1_D \
                                -s $WK2_D \

$LOAD1_D/OSS$make_s1\_$_make_e1 &
endif
if ( $dsi_num_os2 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os2\_$_DSI
-h -f 10\
                                -s $WK3_D \
                                -s $WK4_D \

$LOAD2_D/OSS$make_s2\_$_make_e2 &
endif
if ( $dsi_num_os3 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os3\_$_DSI
-h -f 10\
                                -s $WK5_D \
                                -s $WK6_D \

$LOAD3_D/OSS$make_s3\_$_make_e3 &
endif
if ( $dsi_num_os4 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os4\_$_DSI
-h -f 10\
                                -s $WK7_D \
                                -s $WK8_D \

$LOAD4_D/OSS$make_s4\_$_make_e4 &
endif
if ( $dsi_num_os5 <= 520 ) then
    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os5\_$_DSI
-h -f 10\
                                -s $WK9_D \

                                $LOAD5_D/OSS$make_s5\_$_make_e5 &
                                endif
                                if ( $dsi_num_os6 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os6\_$_DSI -h -f 10\
                                        -s $WK11_D \
                                        -s $WK12_D \

                                $LOAD6_D/OSS$make_s6\_$_make_e6 &
                                endif
                                if ( $dsi_num_os7 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os7\_$_DSI -h -f 10\
                                        -s $WK13_D \
                                        -s $WK14_D \

                                $LOAD7_D/OSS$make_s7\_$_make_e7 &
                                endif
                                if ( $dsi_num_os8 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os8\_$_DSI -h -f 10\
                                        -s $WK15_D \
                                        -s $WK16_D \

                                $LOAD8_D/OSS$make_s8\_$_make_e8 &
                                endif
                                if ( $dsi_num_os9 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os9\_$_DSI -h -f 10\
                                        -s $WK17_D \
                                        -s $WK18_D \

                                $LOAD9_D/OSS$make_s9\_$_make_e9 &
                                endif
                                if ( $dsi_num_os10 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os10\_$_DSI -h -f 10\
                                        -s $WK19_D \
                                        -s $WK20_D \

                                $LOAD10_D/OSS$make_s10\_$_make_e10 &
                                endif
                                if ( $dsi_num_os11 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os11\_$_DSI -h -f 10\
                                        -s $WK21_D \
                                        -s $WK22_D \

                                $LOAD11_D/OSS$make_s11\_$_make_e11 &
                                endif
                                if ( $dsi_num_os12 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os12\_$_DSI -h -f 10\
                                        -s $WK23_D \
                                        -s $WK24_D \

                                $LOAD12_D/OSS$make_s12\_$_make_e12 &
                                endif
                                if ( $dsi_num_os13 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os13\_$_DSI -h -f 10\
                                        -s $WK25_D \
                                        -s $WK26_D \

                                $LOAD13_D/OSS$make_s13\_$_make_e13 &
                                endif
                                if ( $dsi_num_os14 <= 520 ) then
                                    timex rdbloader -mi -i $RDBDB.ORDER$_dsi_num_os14\_$_DSI -h -f 10\
                                        -s $WK27_D \

```

```

-s SWK28_D \
\
SLOAD14_D/OS$make_s14\_Smake_e14 &
endif
\
wait
\
if ( $dsi_num_no1 <= 520 ) then
timex rdbloader -mi -i
SRDBDB.NEWORDER_$dsi_num_no1\_DSI -h -f 20 \
-s SWK1_D \
-s SWK2_D \
-n \
\
SLOAD1_D/NO$make_s1\_Smake_e1 &
endif
if ( $dsi_num_no2 <= 520 ) then
timex rdbloader -mi -i
SRDBDB.NEWORDER_$dsi_num_no2\_DSI -h -f 20 \
-s SWK3_D \
-s SWK4_D \
-n \
\
SLOAD2_D/NO$make_s2\_Smake_e2 &
endif
if ( $dsi_num_no3 <= 520 ) then
timex rdbloader -mi -i
SRDBDB.NEWORDER_$dsi_num_no3\_DSI -h -f 20 \
-s SWK5_D \
-s SWK6_D \
-n \
\
SLOAD3_D/NO$make_s3\_Smake_e3 &
endif
if ( $dsi_num_no4 <= 520 ) then
timex rdbloader -mi -i
SRDBDB.NEWORDER_$dsi_num_no4\_DSI -h -f 20 \
-s SWK7_D \
-s SWK8_D \
-n \
\
SLOAD4_D/NO$make_s4\_Smake_e4 &
endif
if ( $dsi_num_no5 <= 520 ) then
timex rdbloader -mi -i
SRDBDB.NEWORDER_$dsi_num_no5\_DSI -h -f 20 \
-s SWK9_D \
-s SWK10_D \
-n \
\
SLOAD5_D/NO$make_s5\_Smake_e5 &
endif
if ( $dsi_num_no6 <= 520 ) then
timex rdbloader -mi -i
SRDBDB.NEWORDER_$dsi_num_no6\_DSI -h -f 20 \
-s SWK11_D \
-s SWK12_D \
-n \
\
SLOAD6_D/NO$make_s6\_Smake_e6 &
endif
if ( $dsi_num_no7 <= 520 ) then
timex rdbloader -mi -i SRDBDB.NEWORDER_$dsi_num_no7\_DSI -h -f 20
\
-s SWK13_D \
-s SWK14_D \
-n \
\
SLOAD7_D/NO$make_s7\_Smake_e7 &
endif
if ( $dsi_num_no8 <= 520 ) then
timex rdbloader -mi -i SRDBDB.NEWORDER_$dsi_num_no8\_DSI -h -f 20
\
-s SWK15_D \
-s SWK16_D \
-n \
\
SLOAD8_D/NO$make_s8\_Smake_e8 &
endif
if ( $dsi_num_no9 <= 520 ) then
timex rdbloader -mi -i SRDBDB.NEWORDER_$dsi_num_no9\_DSI -h -f 20
\
-s SWK17_D \
-s SWK18_D \
-n \
\
SLOAD9_D/NO$make_s9\_Smake_e9 &
endif
if ( $dsi_num_no10 <= 520 ) then
timex rdbloader -mi -i SRDBDB.NEWORDER_$dsi_num_no10\_DSI -h -f 20
\
-s SWK19_D \
-s SWK20_D \
-n \
\
SLOAD10_D/NO$make_s10\_Smake_e10 &
endif
if ( $dsi_num_no11 <= 520 ) then
timex rdbloader -mi -i SRDBDB.NEWORDER_$dsi_num_no11\_DSI -h -f 20
\
-s SWK21_D \
-s SWK22_D \
-n \
\
SLOAD11_D/NO$make_s11\_Smake_e11 &
endif
if ( $dsi_num_no12 <= 520 ) then
timex rdbloader -mi -i SRDBDB.NEWORDER_$dsi_num_no12\_DSI -h -f 20
\
-s SWK23_D \
-s SWK24_D \
-n \
\
SLOAD12_D/NO$make_s12\_Smake_e12 &
endif
if ( $dsi_num_no13 <= 520 ) then
timex rdbloader -mi -i SRDBDB.NEWORDER_$dsi_num_no13\_DSI -h -f 20
\
-s SWK25_D \
-s SWK26_D \
-n \
\
SLOAD13_D/NO$make_s13\_Smake_e13 &
endif
if ( $dsi_num_no14 <= 520 ) then

```

```

        timex rdbsloader -mi -i
SRDBDB.NEWORDER_$$dsi_num_no14\$_DSI -h -f 20 \
        -s SWK27_D \
        -s SWK28_D \
        -n \

SLOAD14_D/NO$$make_s14\$_$make_e14 &
endif

        wait

if ( $$dsi_num_ol1 <= 520 ) then
        timex rdbsloader -mi -i
SRDBDB.ORDERLIN_$$dsi_num_ol1\$_DSI -h \
        -s SWK1_D \
        -s SWK2_D \

SLOAD1_D/OL$$make_s1\$_$make_e1 &
endif
if ( $$dsi_num_ol2 <= 520 ) then
        timex rdbsloader -mi -i
SRDBDB.ORDERLIN_$$dsi_num_ol2\$_DSI -h \
        -s SWK3_D \
        -s SWK4_D \

SLOAD2_D/OL$$make_s2\$_$make_e2 &
endif
if ( $$dsi_num_ol3 <= 520 ) then
        timex rdbsloader -mi -i
SRDBDB.ORDERLIN_$$dsi_num_ol3\$_DSI -h \
        -s SWK5_D \
        -s SWK6_D \

SLOAD3_D/OL$$make_s3\$_$make_e3 &
endif
if ( $$dsi_num_ol4 <= 520 ) then
        timex rdbsloader -mi -i
SRDBDB.ORDERLIN_$$dsi_num_ol4\$_DSI -h \
        -s SWK7_D \
        -s SWK8_D \

SLOAD4_D/OL$$make_s4\$_$make_e4 &
endif
if ( $$dsi_num_ol5 <= 520 ) then
        timex rdbsloader -mi -i
SRDBDB.ORDERLIN_$$dsi_num_ol5\$_DSI -h \
        -s SWK9_D \
        -s SWK10_D \

SLOAD5_D/OL$$make_s5\$_$make_e5 &
endif
if ( $$dsi_num_ol6 <= 520 ) then
        timex rdbsloader -mi -i
SRDBDB.ORDERLIN_$$dsi_num_ol6\$_DSI -h \
        -s SWK11_D \
        -s SWK12_D \

SLOAD6_D/OL$$make_s6\$_$make_e6 &
endif
if ( $$dsi_num_ol7 <= 520 ) then
        timex rdbsloader -mi -i
SRDBDB.ORDERLIN_$$dsi_num_ol7\$_DSI -h \
        -s SWK13_D \

        -s SWK14_D \

SLOAD7_D/OL$$make_s7\$_$make_e7 &
endif
if ( $$dsi_num_ol8 <= 520 ) then
        timex rdbsloader -mi -i SRDBDB.ORDERLIN_$$dsi_num_ol8\$_DSI -h \
        -s SWK15_D \
        -s SWK16_D \

SLOAD8_D/OL$$make_s8\$_$make_e8 &
endif
if ( $$dsi_num_ol9 <= 520 ) then
        timex rdbsloader -mi -i SRDBDB.ORDERLIN_$$dsi_num_ol9\$_DSI -h \
        -s SWK17_D \
        -s SWK18_D \

SLOAD9_D/OL$$make_s9\$_$make_e9 &
endif
if ( $$dsi_num_ol10 <= 520 ) then
        timex rdbsloader -mi -i SRDBDB.ORDERLIN_$$dsi_num_ol10\$_DSI -h \
        -s SWK19_D \
        -s SWK20_D \

SLOAD10_D/OL$$make_s10\$_$make_e10 &
endif
if ( $$dsi_num_ol11 <= 520 ) then
        timex rdbsloader -mi -i SRDBDB.ORDERLIN_$$dsi_num_ol11\$_DSI -h \
        -s SWK21_D \
        -s SWK22_D \

SLOAD11_D/OL$$make_s11\$_$make_e11 &
endif
if ( $$dsi_num_ol12 <= 520 ) then
        timex rdbsloader -mi -i SRDBDB.ORDERLIN_$$dsi_num_ol12\$_DSI -h \
        -s SWK23_D \
        -s SWK24_D \

SLOAD12_D/OL$$make_s12\$_$make_e12 &
endif
if ( $$dsi_num_ol13 <= 520 ) then
        timex rdbsloader -mi -i SRDBDB.ORDERLIN_$$dsi_num_ol13\$_DSI -h \
        -s SWK25_D \
        -s SWK26_D \

SLOAD13_D/OL$$make_s13\$_$make_e13 &
endif
if ( $$dsi_num_ol14 <= 520 ) then
        timex rdbsloader -mi -i SRDBDB.ORDERLIN_$$dsi_num_ol14\$_DSI -h \
        -s SWK27_D \
        -s SWK28_D \

SLOAD14_D/OL$$make_s14\$_$make_e14 &
endif
end

        wait
rm /rdb/loaddata/*/*OS*
rm /rdb/loaddata/*/*OL*
rm /rdb/loaddata/*/*NO*
-- /*****STORED PROCEDURE*****/
-- /** Y_DELIVERY COPYRIGHT FUJITSU LIMITED 1997 **/
-- /** : **/
-- /** : **/

```

```

--/** :SymfoWARE RDB TPC-C Benchmark          **/
--/** : Delivery                               **/
--/** :1996/10/12                             **/
--/** :1997/03/13 Revision3.3 : Any Error(Clause 2.3.6) **/
--/*****/

-- #RESULT_JOIN          VARCHAR(100)
-- +-----+
-- | sqlen   short      |
-- +-----+
-- | #RESULT_O_IDn CHAR(9) | |
-- +-----+
-- |          CHAR(1) "/" | |
-- +-----+
--
--
-- *****
EXEC SQL
CREATE PROCEDURE TPCC_SCHEMA.Y_DELIVERY_PS_ARRAY(
    OUT #STATE          CHAR(5),
    INOUT #ERRPOS       INTEGER ,
    IN #W_ID             SMALLINT ,
    INOUT #C_ID         INTEGER ,
    IN #O_CARRIER_ID   SMALLINT ,
    IN #OL_DELIVERY_D   CHAR(14) ,
    INOUT #RESULT_JOIN
    OUT #RESULT_AI INTEGER ARRAY(10)
)

DELIVERY:BEGIN
-- DECLARE

    DECLARE SQLSTATE          CHAR(5)          DEFAULT '00000';
--fuyoh DECLARE SAPSTOP       CHAR(1)          DEFAULT
'/' ;
    DECLARE @OL_TOTAL         INTEGER ;
--fuyoh DECLARE @DMY_W_ID     SMALLINT;
--fuyoh DECLARE @DMY_D_ID     SMALLINT;
    DECLARE @D_ID             SMALLINT;
    DECLARE @NO_O_ID          INTEGER ;
-- DECLARE @OZAWK             SMALLINT;

-- (3) ORDERS table cursor
    DECLARE CDOS CURSOR FOR
        SELECT O_C_ID
        FROM TPCC_SCHEMA.ORDERS
        WHERE O_W_ID = #W_ID
        AND O_D_ID = @D_ID
        AND O_ID = @NO_O_ID
        FOR UPDATE;

-- SET @OZAWK = 1;

-- LOOP
SET @D_ID = 1;
DID10:LOOP
    IF @D_ID > 10 THEN
        GOTO NORMAL_END ;
    END IF;
    -- (1) NEWORDER          NO_O_ID
    --
    WHENEVER SQLERROR GOTO ERR_S_NO;
    SELECT MIN( NO_O_ID )
    INTO @NO_O_ID
    FROM TPCC_SCHEMA.NEWORDER
    WHERE NO_W_ID = #W_ID
    AND NO_D_ID = @D_ID;
    WHENEVER SQLERROR CONTINUE;
    IF SQLSTATE <> '00000'
    OR @NO_O_ID IS NULL THEN
        SET @NO_O_ID = 99999999 ;
        GOTO NEXT_DID ;
    END IF;

    -- (2) NEW-ORDER          @NO_O_ID
    --
    WHENEVER SQLERROR GOTO ERR_D_NO;
    WHENEVER NOT FOUND GOTO ERR_D_NO;
    DELETE FROM TPCC_SCHEMA.NEWORDER
    WHERE NO_W_ID = #W_ID
    AND NO_D_ID = @D_ID
    AND NO_O_ID = @NO_O_ID ;

    -- (5) ORDER-LINE          OL_AMOUNT
    WHENEVER SQLERROR GOTO ERR_S_OL;
    WHENEVER NOT FOUND GOTO ERR_S_OL;
    SELECT SUM(OL_AMOUNT)
    INTO @OL_TOTAL
    FROM TPCC_SCHEMA.ORDERLINE
    WHERE OL_W_ID = #W_ID
    AND OL_D_ID = @D_ID
    AND OL_O_ID = @NO_O_ID
    AND OL_NUMBER IN(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15);

    --$$ AND OL_NUMBER = @OZAWK;
    --$ -- if OL index exist
    --$ WHERE OL_W_ID = #W_ID
    --$ AND OL_D_ID = @D_ID
    --$ AND OL_O_ID = @NO_O_ID;

    -- ORDER-LINE
    WHENEVER SQLERROR GOTO ERR_U_OL;
    WHENEVER NOT FOUND GOTO ERR_U_OL;
    UPDATE TPCC_SCHEMA.ORDERLINE
    SET OL_DELIVERY_D = #OL_DELIVERY_D
    WHERE OL_W_ID = #W_ID
    AND OL_D_ID = @D_ID
    AND OL_O_ID = @NO_O_ID
    AND OL_NUMBER IN(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15);

    --$ -- if OL index exist
    --$ WHERE OL_W_ID = #W_ID
    --$ AND OL_D_ID = @D_ID
    --$ AND OL_O_ID = @NO_O_ID;

    -- (3) ORDER          @NO_O_ID
    --
    WHENEVER SQLERROR GOTO ERR_S_OR;
    WHENEVER NOT FOUND GOTO ERR_S_OR;
    OPEN CDOS;

```

```

FETCH CDOS INTO #C_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;

-- (4) ORDER
    WHENEVER SQLERROR GOTO ERR_U_OR;
UPDATE TPCC_SCHEMA.ORDERS
    SET O_CARRIER_ID = #O_CARRIER_ID
    WHERE CURRENT OF CDOS;
    WHENEVER SQLERROR CONTINUE;
CLOSE CDOS;

-- (6) Customer
    WHENEVER SQLERROR GOTO
ERR_U_CM;
    WHENEVER NOT FOUND GOTO
ERR_U_CM;
UPDATE TPCC_SCHEMA.CUSTOMER
    SET C_BALANCE = C_BALANCE + @OL_TOTAL,
        C_DELIVERY_CNT = C_DELIVERY_CNT + 1
    WHERE C_W_ID = #W_ID
        AND C_D_ID = @D_ID
        AND C_ID = #C_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;
NEXT_DID:

-- SET #RESULT_JOIN = #RESULT_JOIN
-- || CAST(@NO_O_ID AS CHAR(9)) || SAPSTOP ;

-- -8< stored_array_try_yam koko_kara -8<
    SET #RESULT_AI(@D_ID) = @NO_O_ID ;

-- -8< stored_array_try_yam koko_made -8<
    SET @D_ID = @D_ID + 1;

    COMMIT WORK ;

END LOOP DID10;
-- LOOP END

NORMAL_END:
    SET #STATE = '00000' ;
    LEAVE DELIVERY ;

--SQLERR:NOT_OUND:
ERR_S_OR:
    SET #ERRPOS = 207 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE DELIVERY ;
ERR_S_OL:
    SET #ERRPOS = 208 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE DELIVERY ;
ERR_S_NO:
    SET #ERRPOS = 209 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE DELIVERY ;

ERR_U_CM:
    SET #ERRPOS = 305 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE DELIVERY ;
ERR_U_OR:
    SET #ERRPOS = 307 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE DELIVERY ;
ERR_U_OL:
    SET #ERRPOS = 308 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE DELIVERY ;
ERR_D_NO:
    SET #ERRPOS = 409 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;

END DELIVERY
END-EXEC;

-- /*****STORED PROCEDURE*****/
-- /** Y_NORDER COPYRIGHT FUJITSU LIMITED 1997 */
-- /** : */
-- /** : */
-- /** :SymfoWARE RDB TPC-C Benchmark */
-- /** : NewOrder */
-- /** :1996/10/12 */
-- /** 1997/03/13 Revision3.3 : Any Error(Clause 2.3.6) */
-- /** 1999/05/27 S_JOIN,I_JOIN */
-- /** C-0002 2000/01/27 array K.Sugiyama */
-- /** C-0004 2000/05/30 array enhance */
-- /*****

EXEC SQL
CREATE PROCEDURE TPCC_SCHEMA.Y_NORDER6(
    OUT #STATE CHAR(5),
    INOUT #ERRPOS INTEGER ,
    IN #W_ID SMALLINT,
    IN #D_ID SMALLINT,
    IN #C_ID INTEGER ,
    INOUT #O_ALL_LOCAL SMALLINT,
    OUT #W_TAX SMALLINT,
    OUT #D_TAX SMALLINT,
    INOUT #O_ID INTEGER ,
    IN #O_ENTRY_D CHAR(14),
    OUT #C_DISCOUNT SMALLINT,
    OUT #C_LAST CHAR(16),
    OUT #C_CREDIT CHAR(2),
    INOUT #ITEM_NF_CTR SMALLINT,
    INOUT #H_CNT SMALLINT,
    INOUT #R_CNT SMALLINT,
    -- 000223 del yam koko kara IN #OL_I_ID1 INTEGER,
    -- IN #OL_I_ID2 INTEGER,
    -- IN #OL_I_ID3 INTEGER,
    -- IN #OL_I_ID4 INTEGER,
    -- IN #OL_I_ID5 INTEGER,
    -- IN #OL_I_ID6 INTEGER,
    -- IN #OL_I_ID7 INTEGER,
    -- IN #OL_I_ID8 INTEGER,
    -- IN #OL_I_ID9 INTEGER,

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--          IN #OL_I_ID10    INTEGER,
--          IN #OL_I_ID11    INTEGER,
--          IN #OL_I_ID12    INTEGER,
--          IN #OL_I_ID13    INTEGER,
--          IN #OL_I_ID14    INTEGER,
-- 000223 del yam koko made      IN #OL_I_ID15
INTEGER,
          IN #OL_I_ID_AI    INTEGER ARRAY(15),
-- 000127 rep yam
VARCHAR(105) ,
          IN #OL_I_AI      INTEGER ARRAY(15),
-- 000127 rep yam
VARCHAR(60) ,
          IN #OL_QUANTITY_JOIN
ARRAY(15),
-- C-0002 00/01/27 K.Sugiyama      INOUT #S_JOIN
VARCHAR(1215),
          OUT #S_QUANTITY_AI INTEGER
ARRAY(15),
          INOUT #S_DIST_AV  VARCHAR(24)
ARRAY(15),
          OUT #S_DATA_AV   VARCHAR(50)
ARRAY(15),
-- 000127 rep yam
VARCHAR(1215),
          INOUT #I_JOIN
ARRAY(15),
          INOUT #I_PRICEH_AI SMALLINT
ARRAY(15),
          OUT #I_NAMEH_AV  VARCHAR(24)
ARRAY(15),
          OUT #I_DATAH_AV  VARCHAR(50)
ARRAY(15),
-- C-0002 00/01/27 K.Sugiyama      IN #OL_SUPPLY_W_JOIN
VARCHAR(60)
          IN #OL_SUPPLY_W_AI SMALLINT
ARRAY(15)
)
NEWORDER:BEGIN
-- DECLARE
  DECLARE SQLSTATE      CHAR(5)      DEFAULT '00000';
--fuyoh  DECLARE SAPSTOP CHAR(1)      DEFAULT '/';
-- -8< stored_array_try_yam koko_kara -8<
  DECLARE FILL_DATA1    CHAR(24)     DEFAULT
'123456789012345678901234';
  DECLARE FILL_DATA2    CHAR(50)     DEFAULT
'12345678901234567890123456789012345678901234567890';
  DECLARE @OL_CNT        SMALLINT;
-- -8< stored_array_try_yam koko_made -8<
  DECLARE @OL_I_ID      INTEGER;
  DECLARE @OL_SUPPLY_W_ID SMALLINT;
  DECLARE @OL_QUANTITY SMALLINT;
  DECLARE @S_QUANTITY  SMALLINT;
--  DECLARE @I_PRICEH    SMALLINT;
--  DECLARE @I_NAMEH     CHAR(24);
--  DECLARE @I_DATAH     CHAR(50);
--  DECLARE @S_DATA      CHAR(50);
  DECLARE @S_YTD        INTEGER;
  DECLARE @S_ORDER_CNT SMALLINT;
  DECLARE @S_REMOTE_CNT SMALLINT;
--fuyoh  DECLARE @D_NEXT_O_ID INTEGER;
--fuyoh  DECLARE @OL_NUMBER SMALLINT;
  DECLARE @STOCK_NUM_PLUS1 SMALLINT;
  DECLARE @MATCH_CNT_PLUS1 SMALLINT;
--  DECLARE @S_DIST      CHAR(24);
-- -8< stored_array_try_yam koko_kara -8<
  DECLARE @S_DIST_01    CHAR(24);
  DECLARE @S_DIST_02    CHAR(24);
  DECLARE @S_DIST_03    CHAR(24);
  DECLARE @S_DIST_04    CHAR(24);
  DECLARE @S_DIST_05    CHAR(24);
  DECLARE @S_DIST_06    CHAR(24);
  DECLARE @S_DIST_07    CHAR(24);
  DECLARE @S_DIST_08    CHAR(24);
  DECLARE @S_DIST_09    CHAR(24);
  DECLARE @S_DIST_10    CHAR(24);
  DECLARE @S_DIST_JOIN  CHAR(240) ;
  DECLARE @S_DIST_AV    CHAR(24) ARRAY(10);
-- -8< stored_array_try_yam koko_made -8<
--fuyoh  DECLARE @C_OL_I_ID CHAR(7) ;
--  DECLARE @C_I_PRICEH    CHAR(6) ;
--  DECLARE @C_S_QUANTITY  CHAR(6) ;
  DECLARE @OL_AMOUNT     INTEGER ;
  DECLARE @O_OL_CNT      SMALLINT ;
--  DECLARE @DIST_POS      SMALLINT ;
-- (7) ITEM table sele(IN)
  DECLARE ITEM_H CURSOR FOR
  SELECT I_PRICE,
         I_NAME,
         I_DATA,
         I_ID
  FROM TPCC_SCHEMA.ITEM
  WHERE TPCC_SCHEMA.ITEM.I_ID
-- 000223 rep yam koko kara      IN( #OL_I_ID1
,
--          #OL_I_ID2 ,
--          #OL_I_ID3 ,
--          #OL_I_ID4 ,
--          #OL_I_ID5 ,
--          #OL_I_ID6 ,
--          #OL_I_ID7 ,
--          #OL_I_ID8 ,
--          #OL_I_ID9 ,
--          #OL_I_ID10 ,
--          #OL_I_ID11 ,
--          #OL_I_ID12 ,
--          #OL_I_ID13 ,
--          #OL_I_ID14 ,
-- 000223 rep yam koko made      #OL_I_ID15 );
  IN( #OL_I_ID_AI( 1 ) ,
      #OL_I_ID_AI( 2 ) ,
      #OL_I_ID_AI( 3 ) ,
      #OL_I_ID_AI( 4 ) ,
      #OL_I_ID_AI( 5 ) ,
      #OL_I_ID_AI( 6 ) ,
      #OL_I_ID_AI( 7 ) ,
      #OL_I_ID_AI( 8 ) ,
      #OL_I_ID_AI( 9 ) ,
      #OL_I_ID_AI( 10 ) ,
      #OL_I_ID_AI( 11 ) ,
      #OL_I_ID_AI( 12 ) ,
      #OL_I_ID_AI( 13 ) ,
      #OL_I_ID_AI( 14 ) ,

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                                #OL_I_ID_AI( 15 ) );
-- (8) STOCK table select
DECLARE CNSS_HOME CURSOR FOR
SELECT S_I_ID,S_QUANTITY,
       S_DIST_01,S_DIST_02,S_DIST_03,S_DIST_04,S_DIST_05,
       S_DIST_06,S_DIST_07,S_DIST_08,S_DIST_09,S_DIST_10,
       S_YTD,S_ORDER_CNT,S_REMOTE_CNT,S_DATA
FROM TPCC_SCHEMA.STOCK
WHERE S_W_ID = #W_ID
-- 000223 rep yam koko kara
AND S_I_ID IN( #OL_I_ID1 ,
              #OL_I_ID2 ,
              #OL_I_ID3 ,
              #OL_I_ID4 ,
              #OL_I_ID5 ,
              #OL_I_ID6 ,
              #OL_I_ID7 ,
              #OL_I_ID8 ,
              #OL_I_ID9 ,
              #OL_I_ID10 ,
              #OL_I_ID11 ,
              #OL_I_ID12 ,
              #OL_I_ID13 ,
              #OL_I_ID14 ,
              #OL_I_ID15 )
-- 000223 rep yam koko made
AND S_I_ID IN( #OL_I_ID_AI( 1 ) ,
              #OL_I_ID_AI( 2 ) ,
              #OL_I_ID_AI( 3 ) ,
              #OL_I_ID_AI( 4 ) ,
              #OL_I_ID_AI( 5 ) ,
              #OL_I_ID_AI( 6 ) ,
              #OL_I_ID_AI( 7 ) ,
              #OL_I_ID_AI( 8 ) ,
              #OL_I_ID_AI( 9 ) ,
              #OL_I_ID_AI( 10 ) ,
              #OL_I_ID_AI( 11 ) ,
              #OL_I_ID_AI( 12 ) ,
              #OL_I_ID_AI( 13 ) ,
              #OL_I_ID_AI( 14 ) ,
              #OL_I_ID_AI( 15 ) )
ORDER BY S_I_ID DESC
FOR UPDATE ;

-- -8< stored_array_try_yam koko_kara -8<
-- SET @DIST_POS = 1+(#D_ID-1)*24);
-- -8< stored_array_try_yam koko_made -8<

SET @O_OL_CNT = #H_CNT + #R_CNT ;
SET #O_ALL_LOCAL = 1 ;

-- C-0004 START
SET @STOCK_NUM_PLUS1 = 1 ;
SET @MATCH_CNT_PLUS1 = 1 ;
-- C-0004 END

-- (4) CUSTOMER table select
WHENEVER SQLERROR GOTO ERR_S_CM;
WHENEVER NOT FOUND GOTO
ERR_S_CM;
SELECT C_LAST,C_CREDIT,C_DISCOUNT
INTO #C_LAST,
                                #C_CREDIT,
                                #C_DISCOUNT
FROM TPCC_SCHEMA.CUSTOMER
WHERE C_W_ID = #W_ID
AND C_D_ID = #D_ID
AND C_ID = #C_ID;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;
IF #H_CNT = 0 THEN
GOTO OLCNT_R ;
END IF;

-- HOME_PROC:
-- Home Warehouse PROCESS START
-- ( Warehouse id )
-- (7) ITEM table select
WHENEVER SQLERROR GOTO ERR_S_IT;
WHENEVER NOT FOUND GOTO ERR_S_IT;
OPEN ITEM_H ;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;
-- LOOP
-- C-0004 SET @MATCH_TBL_CNT = 0 ;
INCNT:LOOP
WHENEVER SQLERROR GOTO ERR_S_IT;
WHENEVER NOT FOUND GOTO LI;
FETCH ITEM_H
INTO @I_PRICEH,
     @I_NAMEH,
     @I_DATAH,
INTO #I_PRICEH_AI( @MATCH_CNT_PLUS1 ) ,
     #I_NAMEH_AV( @MATCH_CNT_PLUS1 ) ,
     #I_DATAH_AV( @MATCH_CNT_PLUS1 ) ,
     @OL_I_ID;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;
SET @MATCH_CNT_PLUS1 = @MATCH_CNT_PLUS1 + 1;
-- -8< stored_array_try_yam koko_kara -8<
-- SET @C_I_PRICEH = CAST(@I_PRICEH AS CHAR(6)) ;
-- SET #I_JOIN = #I_JOIN || @C_I_PRICEH ||
-- @I_NAMEH || @I_DATAH || SAPSTOP ;
-- -8< stored_array_try_yam koko_made -8< --
END LOOP INCNT;
-- LOOP END
LI: IF @MATCH_CNT_PLUS1 <= #H_CNT THEN
-- -8< stored_array_try_yam koko_kara -8< --
-- -8< SET #ITEM_NF_CTR = -2 ;
-- -8< GOTO NORMAL_END ;
SET @MATCH_CNT_PLUS1 = 1 ;
GOTO OLCNT_R ;
-- -8< stored_array_try_yam koko_made -8< --
END IF;
CLOSE ITEM_H ;

```

```

-- (8) STOCK table select
-- (9) STOCK table update
WHENEVER SQLERROR GOTO ERR_S_ST;
WHENEVER NOT FOUND GOTO
ERR_S_ST;
OPEN CNSS_HOME ;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;

-- LOOP
--C-0004 SET @STOCK_NUM = 0;
OLCNT:LOOP
IF @STOCK_NUM_PLUS1 > #H_CNT THEN
GOTO L3 ;
END IF;

-- (8) STOCK table select
WHENEVER SQLERROR GOTO ERR_S_ST;
WHENEVER NOT FOUND GOTO L3 ;

FETCH CNSS_HOME
INTO @OL_I_ID,@S_QUANTITY;
-- -8< stored_array_try_yam koko_kara -8< --

--
@s_DIST_01,@S_DIST_02,@S_DIST_03,@S_DIST_04,@S_DIST_05,
--
@s_DIST_06,@S_DIST_07,@S_DIST_08,@S_DIST_09,@S_DIST_10,
@s_DIST_AV(1),@S_DIST_AV(2),@S_DIST_AV(3),@S_DIST_AV(4),@S_DIST_AV(5),
@s_DIST_AV(6),@S_DIST_AV(7),@S_DIST_AV(8),@S_DIST_AV(9),@S_DIST_AV(10),

-- -8< stored_array_try_yam koko_made -8< --
--
@s_YTD,@S_ORDER_CNT,@S_REMOTE_CNT,@S_DATA;
@s_YTD,@S_ORDER_CNT,@S_REMOTE_CNT,#S_DATA_AV(
@STOCK_NUM_PLUS1 );
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;
-- -8< stored_array_try_yam koko_kara -8< --

SET @S_DIST_JOIN = @S_DIST_01
|| @S_DIST_02
|| @S_DIST_03
|| @S_DIST_04
|| @S_DIST_05
|| @S_DIST_06
|| @S_DIST_07
|| @S_DIST_08
|| @S_DIST_09
|| @S_DIST_10 ;
SET @S_DIST = SUBSTRING(@S_DIST_JOIN FROM
@DIST_POS FOR 24) ;
SET @OL_QUANTITY =
CAST(SUBSTRING(#OL_QUANTITY_JOIN
FROM 1+(@STOCK_NUM * 4) FOR 4)
AS SMALLINT) ;

SET @OL_QUANTITY = #OL_QUANTITY_AI( @STOCK_NUM_PLUS1 ) ;
-- -8< stored_array_try_yam koko_made -8<

SET @S_QUANTITY = (@S_QUANTITY - @OL_QUANTITY);
IF @S_QUANTITY < 10 THEN
SET @S_QUANTITY = @S_QUANTITY + 91 ;
END IF;

SET @S_YTD = @S_YTD + @OL_QUANTITY;
SET @S_ORDER_CNT = @S_ORDER_CNT + 1;

-- (9) STOCK table update
WHENEVER SQLERROR GOTO ERR_U_ST;
UPDATE TPCC_SCHEMA.STOCK
SET S_QUANTITY = @S_QUANTITY,
S_YTD = @S_YTD,
S_ORDER_CNT = @S_ORDER_CNT,
S_REMOTE_CNT = @S_REMOTE_CNT
WHERE CURRENT OF CNSS_HOME ;
WHENEVER SQLERROR CONTINUE;

-- C-0002 00/01/27 K.Sugiyama START
-- SET @C_S_QUANTITY = CAST(@S_QUANTITY AS CHAR(6)) ;
-- SET #S_JOIN = #S_JOIN || @C_S_QUANTITY ||
-- @S_DIST || @S_DATA || SAPSTOP ;

SET #S_QUANTITY_AI( @STOCK_NUM_PLUS1 ) = @S_QUANTITY ;
SET #S_DIST_AV( @STOCK_NUM_PLUS1 ) = @S_DIST_AV( #D_ID ) ;

-- C-0002 00/01/27 K.Sugiyama STOP
SET @STOCK_NUM_PLUS1 = @STOCK_NUM_PLUS1 + 1;

END LOOP OLCNT;
-- LOOP END

L3: IF @STOCK_NUM_PLUS1 <= #H_CNT THEN
GOTO ERR_S_ST_NF;
END IF;
CLOSE CNSS_HOME ;

-- Home Warehouse PROCESS END

IF #R_CNT = 0 THEN
GOTO DISTRICT_PROC ;
END IF;

--REMORT_PROC:
-- Remote Warehouse process start
-- ( Warehouse)
-- LOOP
--C-0004 SET @MATCH_TBL_CNT = 0 ;
--C-0004 SET @STOCK_NUM = 0 ;

OLCNT_R:LOOP
-- n8 R1:
IF @STOCK_NUM_PLUS1 > @O_OL_CNT THEN
GOTO R3 ;
END IF;
-- -8< stored_array_try_yam koko_kara -8<

SET @OL_I_ID = CAST(SUBSTRING(#OL_I_ID_JOIN
FROM 1+(@STOCK_NUM * 7) FOR 7)

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```

--          AS INTEGER )          ;
SET @OL_I_ID      = #OL_I_AI( @STOCK_NUM_PLUS1 ) ;
-- -8< stored_array_try_yam koko_made -8<
--          @S_YTD,@S_ORDER_CNT,@S_REMOTE_CNT,@S_DATA
--          @S_YTD,@S_ORDER_CNT,@S_REMOTE_CNT,#S_DATA_AV(
--          @STOCK_NUM_PLUS1 )
-- C-0002 00/01/27 K.Sugiyama START
-- SET @OL_SUPPLY_W_ID =
CAST(SUBSTRING(#OL_SUPPLY_W_JOIN
--          FROM 1+(@STOCK_NUM * 4) FOR 4)
--          AS SMALLINT )          ;
--          WHENEVER SQLERROR CONTINUE;
--          WHENEVER NOT FOUND CONTINUE;
SET @OL_SUPPLY_W_ID = #OL_SUPPLY_W_AI(
@STOCK_NUM_PLUS1 ) ;
-- C-0002 00/01/27 K.Sugiyama STOP
-- (7) ITEM table select
--          WHENEVER SQLERROR GOTO ERR_S_IT ;
--          WHENEVER NOT FOUND GOTO R4 ;
SELECT I_PRICE,I_NAME,I_DATA
-- INTO @I_PRICEH,
-- @I_NAMEH ,
-- @I_DATAH
-- INTO #I_PRICEH_AI( @STOCK_NUM_PLUS1 ) ,
-- #I_NAMEH_AV( @STOCK_NUM_PLUS1 ) ,
-- #I_DATAH_AV( @STOCK_NUM_PLUS1 )
FROM TPCC_SCHEMA.ITEM
WHERE I_ID = @OL_I_ID ;
--          WHENEVER SQLERROR CONTINUE;
--          WHENEVER NOT FOUND CONTINUE;
SET @MATCH_CNT_PLUS1 = @MATCH_CNT_PLUS1 + 1 ;
-- C-0002 00/01/27 K.Sugiyama START
-- SET @C_I_PRICEH = CAST(@I_PRICEH AS CHAR(6) )
;
-- SET #I_JOIN = #I_JOIN || @C_I_PRICEH ||
-- @I_NAMEH || @I_DATAH || SAPSTOP ;
-- C-0002 00/01/27 K.Sugiyama END
-- (8) STOCK table select
--          WHENEVER SQLERROR GOTO ERR_S_ST;
--          WHENEVER NOT FOUND GOTO ERR_S_ST;
SELECT S_QUANTITY,
S_DIST_01,S_DIST_02,S_DIST_03,S_DIST_04,S_DIST_05,
S_DIST_06,S_DIST_07,S_DIST_08,S_DIST_09,S_DIST_10,
S_YTD,S_ORDER_CNT,S_REMOTE_CNT,S_DATA
-- INTO @S_QUANTITY,
-- @S_DIST_01,@S_DIST_02,@S_DIST_03,@S_DIST_04,@S_DIST_05,
-- @S_DIST_06,@S_DIST_07,@S_DIST_08,@S_DIST_09,@S_DIST_10,
-- @S_DIST_AV(1),@S_DIST_AV(2),@S_DIST_AV(3),@S_DIST_AV(4),@S_
-- DIST_AV(5),
-- @S_DIST_AV(6),@S_DIST_AV(7),@S_DIST_AV(8),@S_DIST_AV(9),@S_
-- DIST_AV(10),
-- -8< stored_array_try_yam koko_kara -8< --
--          SET @S_DIST_JOIN = @S_DIST_01
--          || @S_DIST_02
--          || @S_DIST_03
--          || @S_DIST_04
--          || @S_DIST_05
--          || @S_DIST_06
--          || @S_DIST_07
--          || @S_DIST_08
--          || @S_DIST_09
--          || @S_DIST_10
--          ;
--          SET @S_DIST = SUBSTRING(@S_DIST_JOIN FROM @DIST_POS FOR
--          24) ;
--          SET @OL_QUANTITY = CAST(SUBSTRING(#OL_QUANTITY_JOIN
--          FROM 1+(@STOCK_NUM+#H_CNT) * 4) FOR 4)
--          AS SMALLINT )          ;
--          SET @OL_QUANTITY = #OL_QUANTITY_AI( @STOCK_NUM_PLUS1 ) ;
-- -8< stored_array_try_yam koko_made -8<
--          SET @S_QUANTITY = (@S_QUANTITY - @OL_QUANTITY);
--          IF @S_QUANTITY < 10 THEN
--          SET @S_QUANTITY = @S_QUANTITY + 91 ;
--          END IF;
--          SET @S_YTD = @S_YTD + @OL_QUANTITY;
--          SET @S_ORDER_CNT = @S_ORDER_CNT + 1;
--          IF @OL_SUPPLY_W_ID <> #W_ID THEN
--          SET @S_REMOTE_CNT = @S_REMOTE_CNT + 1;
--          SET #O_ALL_LOCAL = 0;
--          END IF;
-- (9) STOCK table update
--          WHENEVER SQLERROR GOTO ERR_U_ST;
UPDATE TPCC_SCHEMA.STOCK
SET S_QUANTITY = @S_QUANTITY,
S_YTD = @S_YTD,
S_ORDER_CNT = @S_ORDER_CNT,
S_REMOTE_CNT = @S_REMOTE_CNT
WHERE S_W_ID = @OL_SUPPLY_W_ID
AND S_I_ID = @OL_I_ID ;
--          WHENEVER SQLERROR CONTINUE;
-- C-0002 00/01/27 K.Sugiyama START
-- SET @C_S_QUANTITY = CAST(@S_QUANTITY AS CHAR(6) )          ;
-- SET #S_JOIN = #S_JOIN || @C_S_QUANTITY ||
-- @S_DIST || @S_DATA || SAPSTOP ;
--          SET #S_QUANTITY_AI( @STOCK_NUM_PLUS1 ) = @S_QUANTITY ;

```

```

        SET #S_DIST_AV( @STOCK_NUM_PLUS1 ) =
@S_DIST_AV( #D_ID );
-- C-0002 00/01/27 K.Sugiyama STOP
R2:  SET @STOCK_NUM_PLUS1 = @STOCK_NUM_PLUS1 + 1 ;
        END LOOP OLCNT_R;
-- LOOP END
R3:  IF @MATCH_CNT_PLUS1 <= @O_OL_CNT THEN
        SET #ITEM_NF_CTR = @MATCH_CNT_PLUS1 ;
        END IF;
-- Remote Warehouse process end
DISTRICT_PROC:
-- (3) DISTRICT table update
        WHENEVER SQLERROR GOTO ERR_U_DI;
        WHENEVER NOT FOUND GOTO
ERR_U_DI;
        UPDATE TPCC_SCHEMA.DISTRICT
        SET D_NEXT_O_ID = D_NEXT_O_ID+1
        WHERE D_W_ID = #W_ID
        AND D_ID = #D_ID ;
        WHENEVER SQLERROR CONTINUE;
        WHENEVER NOT FOUND CONTINUE;
-- (2) DISTRICT table select
        SELECT D_NEXT_O_ID-1,D_TAX
        INTO #O_ID,#D_TAX
        FROM TPCC_SCHEMA.DISTRICT
        WHERE D_W_ID = #W_ID
        AND D_ID = #D_ID ;
-- (6) ORDERS table insert
        WHENEVER SQLERROR GOTO ERR_I_OR;
        WHENEVER NOT FOUND GOTO
ERR_I_OR;
        INSERT INTO TPCC_SCHEMA.ORDERS
        VALUES (#O_ID,
        #D_ID,
        #W_ID,
        #C_ID,
        #O_ENTRY_D,
        NULL,
        @O_OL_CNT,
        #O_ALL_LOCAL);
        WHENEVER SQLERROR CONTINUE;
        WHENEVER NOT FOUND CONTINUE;
-- (5) NEWORDER table insert
        WHENEVER SQLERROR GOTO ERR_I_NO;
        WHENEVER NOT FOUND GOTO
ERR_I_NO;
        INSERT INTO TPCC_SCHEMA.NEWORDER
        VALUES (#O_ID,
        #D_ID,
        #W_ID);
        WHENEVER SQLERROR CONTINUE;
        WHENEVER NOT FOUND CONTINUE;
-- (1) WAREHOUSE table update
        WHENEVER SQLERROR GOTO ERR_S_WH;
        SELECT W_TAX
        INTO #W_TAX
        FROM TPCC_SCHEMA.WAREHOUSE
        WHERE W_ID=#W_ID ;
        WHENEVER SQLERROR CONTINUE;
-- -8< stored_array_try_yam koko_kara -8<
-- (10) ORDERLINE table group_insert
-- LOOP
        SET @OL_CNT = 1 ;
        OLCNT_OL:LOOP
        IF @OL_CNT > @O_OL_CNT THEN
        GOTO NORMAL_END_OLI ;
        END IF;
        IF #I_PRICEH_AI( @OL_CNT ) = 0 THEN
        GOTO NEXT_OLI ;
        END IF;
        SET @OL_AMOUNT = #OL_QUANTITY_AI( @OL_CNT )
        * #I_PRICEH_AI( @OL_CNT );
        WHENEVER SQLERROR GOTO ERR_I_OL;
        WHENEVER NOT FOUND GOTO ERR_I_OL;
        INSERT INTO TPCC_SCHEMA.ORDERLINE
        (
        OL_O_ID ,
        OL_D_ID ,
        OL_W_ID ,
        OL_NUMBER ,
        OL_I_ID ,
        OL_SUPPLY_W_ID ,
        OL_QUANTITY ,
        OL_AMOUNT ,
        OL_DIST_INFO
        )
        VALUES (
        #O_ID ,
        #D_ID ,
        #W_ID ,
        @OL_CNT ,
        #OL_I_AI( @OL_CNT ) ,
        #OL_SUPPLY_W_AI( @OL_CNT ) ,
        #OL_QUANTITY_AI( @OL_CNT ) ,
        @OL_AMOUNT ,
        #S_DIST_AV( @OL_CNT )
        );
        WHENEVER SQLERROR CONTINUE;
        WHENEVER NOT FOUND CONTINUE;
        NEXT_OLI: SET @OL_CNT = @OL_CNT + 1;
        END LOOP OLCNT_OLI;
-- LOOP END
        NORMAL_END_OLI:
-- -8< stored_array_try_yam koko_kara -8<
        IF #ITEM_NF_CTR = -1 THEN
        COMMIT WORK ;
        ELSE

```

```

        GOTO NOT_FOUND      ;
    END IF;

-- -8< stored_array_try_yam koko_made -8<
-- NORMAL_END:
    SET #STATE = '00000' ;
    LEAVE NEWORDER ;

--
--
-- -8< stored_array_try_yam koko_kara -8<

R4:
--     SET #L_JOIN      = #L_JOIN ||
--         '0'          ||
--         '123456789012345678901234' ||
--
-- '1234567890123456789012345678901234567890' ||
--     SAPSTOP ;

        SET #L_PRICEH_AI( @STOCK_NUM_PLUS1 ) = 0 ;
        SET #L_NAMEH_AV( @STOCK_NUM_PLUS1 ) =
FILL_DATA1 ;
        SET #L_DATAH_AV( @STOCK_NUM_PLUS1 ) =
FILL_DATA2 ;

--     SET #S_JOIN      = #S_JOIN ||
--         '123456'     ||
--         '123456789012345678901234' ||
--
-- '1234567890123456789012345678901234567890' ||
--     SAPSTOP ;

        SET #S_QUANTITY_AI( @STOCK_NUM_PLUS1 ) = 123456 ;
        SET #S_DIST_AV( @STOCK_NUM_PLUS1 ) =
FILL_DATA1 ;
        SET #S_DATA_AV( @STOCK_NUM_PLUS1 ) =
FILL_DATA2 ;

-- -8< stored_array_try_yam koko_made -8< --
        GOTO R2 ;

-- -8< stored_array_try_yam koko_kara -8< --

--SQLERR:
NOT_FOUND:
    SET #ERRPOS = 106      ;
    SET #STATE = '00000' ;
    ROLLBACK WORK        ;
    LEAVE NEWORDER      ;

-- -8< stored_array_try_yam koko_made -8< --
ERR_I_OR:
    SET #ERRPOS = 107      ;
    SET #STATE = SQLSTATE;

-- -8< stored_array_try_yam koko_kara -8< --
    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --

        LEAVE NEWORDER      ;

ERR_I_OL:
    SET #ERRPOS = 108      ;
    SET #STATE = SQLSTATE;

-- -8< stored_array_try_yam koko_kara -8< --
    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --

        LEAVE NEWORDER      ;
ERR_I_NO:
    SET #ERRPOS = 109      ;
    SET #STATE = SQLSTATE;

-- -8< stored_array_try_yam koko_kara -8< --
    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --

        LEAVE NEWORDER      ;
ERR_S_IT:
    SET #ERRPOS = 201      ;
    SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --
    LEAVE NEWORDER      ;
ERR_S_WH:
    SET #ERRPOS = 202      ;
    SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --
    LEAVE NEWORDER      ;
ERR_S_DI:
    SET #ERRPOS = 203      ;
    SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --
    LEAVE NEWORDER      ;
ERR_S_ST:
    SET #ERRPOS = 206      ;
    SET #STATE = SQLSTATE;
-- -8< stored_array_try_yam koko_kara -8< --

    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --
    LEAVE NEWORDER      ;
ERR_S_ST_NF:
    SET #ERRPOS = 204      ;
    SET #STATE = '02000' ;
-- -8< stored_array_try_yam koko_kara -8< --

    ROLLBACK WORK        ;
-- -8< stored_array_try_yam koko_made -8< --
    LEAVE NEWORDER      ;

```



```

FROM TPCC_SCHEMA.ORDERLINE
WHERE OL_W_ID = #W_ID
AND OL_D_ID = #D_ID
AND OL_O_ID = #O_ID
AND OL_NUMBER
IN(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15);
--$
--$ WHERE OL_W_ID = #W_ID
--$ AND OL_D_ID = #D_ID
--$ AND OL_O_ID = #O_ID;

IF #C_ID = 0 THEN
-- Customer Last Name Payment Transaction
-- (1) CUSTOMER table select
WHENEVER SQLERROR GOTO ERR_S_CM;
WHENEVER NOT FOUND GOTO
ERR_S_CM;
SELECT COUNT(*)
INTO @NAMECOUNT
FROM TPCC_SCHEMA.CUSTOMER
WHERE C_LAST = #C_LAST
AND C_W_ID = #W_ID
AND C_D_ID = #D_ID;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;
IF @NAMECOUNT > 0 THEN
WHENEVER SQLERROR GOTO ERR_S_CM;
WHENEVER NOT FOUND GOTO
ERR_S_CM;
OPEN COCS;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;
SET @J = @NAMECOUNT + 1;
SET @I = @J / 2;
SET @I = 0 ;
NAMECNT:LOOP
IF @I = @J THEN
LEAVE NAMECNT ;
END IF;
SET @I = @I + 1 ;
WHENEVER SQLERROR GOTO ERR_S_CM;
WHENEVER NOT FOUND GOTO
ERR_S_CM;
FETCH COCS
INTO #C_ID,
#C_FIRST,
#C_MIDDLE,
#C_LAST,
#C_BALANCE;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;
END LOOP NAMECNT;
CLOSE COCS;
ELSE
GOTO ERR_S_CM_NAME ;
END IF;

ELSE
-- Customer id Payment Transaction
-- (2) CUSTOMER table select
WHENEVER SQLERROR GOTO ERR_S_CM;
WHENEVER NOT FOUND GOTO
ERR_S_CM;

SELECT C_FIRST,C_MIDDLE,C_LAST,C_BALANCE
INTO #C_FIRST,
#C_MIDDLE,
#C_LAST,
#C_BALANCE
FROM TPCC_SCHEMA.CUSTOMER
WHERE C_ID = #C_ID
AND C_D_ID = #D_ID
AND C_W_ID = #W_ID;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;

END IF;
-- (3) ORDER table select get max o_id record
WHENEVER SQLERROR GOTO ERR_S_OR;
WHENEVER NOT FOUND GOTO ERR_S_OR;
SELECT O_ID,
O_ENTRY_D,
O_CARRIER_ID,
O_OL_CNT
INTO #O_ID,
#O_ENTRY_D,
#O_CARRIER_ID,
#O_OL_CNT
FROM TPCC_SCHEMA.ORDERS
WHERE O_ID = (SELECT MAX(O_ID)
FROM TPCC_SCHEMA.ORDERS
WHERE O_W_ID = #W_ID
AND O_D_ID = #D_ID
AND O_C_ID = #C_ID )
AND O_W_ID = #W_ID
AND O_D_ID = #D_ID
AND O_C_ID = #C_ID;
WHENEVER SQLERROR GOTO ERR_S_OL;
WHENEVER NOT FOUND GOTO ERR_S_OL;

OPEN COOLS ;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;

-- LOOP
SET @OL_NUMBER = 1;
OLCNT:LOOP
IF #O_OL_CNT < @OL_NUMBER THEN
LEAVE OLCNT ;
END IF;

-- (4) ORDER-LINE table select
WHENEVER SQLERROR GOTO ERR_S_OL;
WHENEVER NOT FOUND GOTO ERR_S_OL;
FETCH COOLS
INTO @OL_I_ID,
@OL_SUPPLY_W_ID,
@OL_DELIVERY_D,
@OL_QUANTITY,
@OL_AMOUNT;
WHENEVER SQLERROR CONTINUE;
WHENEVER NOT FOUND CONTINUE;

-- C-0002 2000/01/27 K.Sugiyama Try ARRAY START
IF @OL_DELIVERY_D IS NULL THEN
SET #OL_I_ID_AI(@OL_NUMBER) = @OL_I_ID ;
SET #OL_AMOUNT_AI(@OL_NUMBER) = @OL_AMOUNT ;
SET #OL_SUP_W_ID_AS(@OL_NUMBER) = @OL_SUPPLY_W_ID ;
SET #OL_QUANTITY_AS(@OL_NUMBER) = @OL_QUANTITY ;

```

```

        SET #OL_DELIVERY_AV(@OL_NUMBER) =
DELIVERY_D ;
        ELSE
        SET #OL_I_ID_AI(@OL_NUMBER) = @OL_I_ID
;
        SET #OL_AMOUNT_AI(@OL_NUMBER) =
@OL_AMOUNT ;
        SET #OL_SUP_W_ID_AS(@OL_NUMBER) =
@OL_SUPPLY_W_ID ;
        SET #OL_QUANTITY_AS(@OL_NUMBER) =
@OL_QUANTITY ;
        SET #OL_DELIVERY_AV(@OL_NUMBER) =
@OL_DELIVERY_D ;
    END IF ;
-- IF @OL_DELIVERY_D IS NULL THEN
--     SET @WORK = CAST(@OL_I_ID AS CHAR(7))
--     || CAST(@OL_AMOUNT AS CHAR(8))
--     || CAST(@OL_SUPPLY_W_ID AS CHAR(4))
--     || CAST(@OL_QUANTITY AS CHAR(4))
--     || DELIVERY_D || SAPSTOP ;
-- ELSE
--     SET @WORK = CAST(@OL_I_ID AS CHAR(7))
--     || CAST(@OL_AMOUNT AS CHAR(8))
--     || CAST(@OL_SUPPLY_W_ID AS CHAR(4))
--     || CAST(@OL_QUANTITY AS CHAR(4))
--     || @OL_DELIVERY_D || SAPSTOP ;
-- END IF ;
-- SET #OL_JOIN = #OL_JOIN || @WORK;
-- C-0002 2000/01/27 K.Sugiyama Try ARRAY END

        SET @OL_NUMBER = @OL_NUMBER + 1;

    END LOOP OLCNT;
-- LOOP END

    CLOSE COOLS ;

    COMMIT WORK ;
    SET #STATE = '00000' ;
    LEAVE ORDER_STATUS ;

--SQLERR:NOT_FOUND:
ERR_S_CM_NAME:
    SET #ERRPOS = 205 ;
    SET #STATE = '02000' ;
    ROLLBACK WORK ;
    LEAVE ORDER_STATUS ;
ERR_S_CM:
    SET #ERRPOS = 205 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE ORDER_STATUS ;
ERR_S_OR:
    SET #ERRPOS = 207 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE ORDER_STATUS ;
ERR_S_OL:
    SET #ERRPOS = 208 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;

```

```

END ORDER_STATUS
END-EXEC;

--/*****STORED PROCEDURE*****/
--/** Y_PAYMENT COPYRIGHT FUJITSU LIMITED 1997 **/
--/** : **/
--/** : **/
--/** :SymfoWARE RDB TPC-C Benchmark **/
--/** : Payment **/
--/** :1996/10/12 **/
--/** :1997/03/13 Revision3.3 : Any Error(Clause 2.3.6) **/
--/*****/

EXEC SQL
CREATEPROCEDURETPCC_SCHEMA.Y_PAYMENT_H10_OUT4(OUT#STATE
CHAR(5) ,
        INOUT #ERRPOS INTEGER ,
        IN #W_ID SMALLINT,
        IN #D_ID SMALLINT,
        INOUT #C_ID INTEGER ,
        IN #C_D_ID SMALLINT,
        IN #C_W_ID SMALLINT,
        IN #H_AMOUNT INTEGER ,
        IN #H_DATE CHAR(14),
        INOUT #W_NAME CHAR(10),
        OUT #W_STREET_1 CHAR(20),
        OUT #W_STREET_2 CHAR(20),
        OUT #W_CITY CHAR(20),
        OUT #W_STATE CHAR(2),
        OUT #W_ZIP CHAR(9),
        INOUT #D_NAME CHAR(10),
        OUT #D_STREET_1 CHAR(20),
        OUT #D_STREET_2 CHAR(20),
        OUT #D_CITY CHAR(20),
        OUT #D_STATE CHAR(2),
        OUT #D_ZIP CHAR(9),
        OUT #C_FIRST CHAR(16),
        OUT #C_MIDDLE CHAR(2),
        INOUT #C_LAST CHAR(16),
        OUT #C_STREET_1 CHAR(20),
        OUT #C_STREET_2 CHAR(20),
        OUT #C_CITY CHAR(20),
        OUT #C_STATE CHAR(2),
        OUT #C_ZIP CHAR(9),
        OUT #C_PHONE CHAR(16),
        INOUT #C_CREDIT CHAR(2),
        OUT #C_CREDIT_LIM DECIMAL(12,0), --98.11.06
        OUT #C_DISCOUNT SMALLINT,
        OUT #C_BALANCE DECIMAL(12,0), --98.11.06
        OUT #C_YTD_PAYMENT DECIMAL(12,0), --98.11.06
        INOUT #C_PAYMENT_CNT SMALLINT,
        OUT #C_SINCE CHAR(14),
        INOUT #C_DATA VARCHAR(500)
)

PAYMENT:BEGIN
-- DECLARE
        DECLARE @C_BALANCE DECIMAL(12,0); --98.11.06 +oza
        DECLARE @C_YTD_PAYMENT DECIMAL(12,0); --98.11.06 +oza
-- DECLARE @C_DATA VARCHAR(500); --98.11.06 +oza

```



```

DECLARE SQLSTATE      CHAR(5)      DEFAULT '00000';
DECLARE @CNT          INTEGER;
DECLARE @NAMECOUNT  INTEGER;
DECLARE @W_YTD        DECIMAL(12,0); --98.11.06
DECLARE @D_YTD        DECIMAL(12,0); --98.11.06
DECLARE @C_DATA474    CHAR(474);    --98.10.13 change
DECLARE @H_DATA       CHAR(24);
DECLARE @H_AMOUNT     DECIMAL(10,0); --98.11.06
+oza
-- CUSTOMER
DECLARE CPCS CURSOR FOR
  SELECT C_ID,
         C_FIRST,
         C_MIDDLE,
         C_LAST,
         C_STREET_1,
         C_STREET_2,
         C_CITY,
         C_STATE,
         C_ZIP,
         C_PHONE,
         C_SINCE,
         C_CREDIT,
         C_CREDIT_LIM,
         C_DISCOUNT,
         C_BALANCE,
         C_YTD_PAYMENT,
         C_PAYMENT_CNT
  FROM TPCC_SCHEMA.CUSTOMER
  WHERE C_LAST = #C_LAST
  AND C_W_ID = #C_W_ID
  AND C_D_ID = #C_D_ID
  ORDER BY C_FIRST;

IF #C_ID = 0 THEN
  -- Customer Last Name process
  -- (5) CUSTOMER table select
  WHENEVER SQLERROR GOTO ERR_S_CM;
  WHENEVER NOT FOUND GOTO
ERR_S_CM;
  SELECT COUNT(*) INTO @NAMECOUNT
  FROM TPCC_SCHEMA.CUSTOMER
  WHERE C_LAST = #C_LAST
  AND C_W_ID = #C_W_ID
  AND C_D_ID = #C_D_ID;
  WHENEVER SQLERROR CONTINUE;
  WHENEVER NOT FOUND CONTINUE;

  -- (6) CUSTOMER
  -- Customer Last Name          C_FIRST
  -- NAMECOUNT/
  IF @NAMECOUNT > 0 THEN
    SET @CNT = @NAMECOUNT + 1;
    SET @CNT = @CNT / 2;
    SET @NAMECOUNT = @CNT ;
    WHENEVER SQLERROR GOTO ERR_S_CM;
    WHENEVER NOT FOUND GOTO
ERR_S_CM;
    OPEN CPCS;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;
    SET @CNT = 0;
    WHILE @CNT < @NAMECOUNT DO
      SET @CNT = @CNT + 1;
      -- (6) CUSTOMER table
      WHENEVER SQLERROR GOTO ERR_S_CM;
      WHENEVER NOT FOUND GOTO ERR_S_CM;
      FETCH CPCS
      INTO #C_ID,
          #C_FIRST,
          #C_MIDDLE,
          #C_LAST,
          #C_STREET_1,
          #C_STREET_2,
          #C_CITY,
          #C_STATE,
          #C_ZIP,
          #C_PHONE,
          #C_SINCE,
          #C_CREDIT,
          #C_CREDIT_LIM,
          #C_DISCOUNT,
          @C_BALANCE,
          @C_YTD_PAYMENT,
          #C_PAYMENT_CNT;
      WHENEVER SQLERROR CONTINUE;
      WHENEVER NOT FOUND CONTINUE;
    END WHILE;
    CLOSE CPCS;
  ELSE
    GOTO ERR_S_CM_NAME;
  END IF;
ELSE
  -- C-ID PROCESS
  -- (7) CUSTOMER table
  WHENEVER SQLERROR GOTO ERR_S_CM;
  WHENEVER NOT FOUND GOTO ERR_S_CM;
  SELECT C_FIRST,
         C_MIDDLE,
         C_LAST,
         C_STREET_1,
         C_STREET_2,
         C_CITY,
         C_STATE,
         C_ZIP,
         C_PHONE,
         C_SINCE,
         C_CREDIT,
         C_CREDIT_LIM,
         C_DISCOUNT,
         C_BALANCE,
         C_YTD_PAYMENT,
         C_PAYMENT_CNT
  INTO #C_FIRST,
      #C_MIDDLE,
      #C_LAST,
      #C_STREET_1,
      #C_STREET_2,
      #C_CITY,
      #C_STATE,
      #C_ZIP,
      #C_PHONE,
      #C_SINCE,
      #C_CREDIT;

```

```

#C_CREDIT_LIM,
#C_DISCOUNT,
@C_BALANCE,
@C_YTD_PAYMENT,
#C_PAYMENT_CNT
FROM TPCC_SCHEMA.CUSTOMER
WHERE C_W_ID = #C_W_ID
AND C_D_ID = #C_D_ID
AND C_ID = #C_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;
END IF;

--
SET @H_AMOUNT = #H_AMOUNT ;

-- Customer      #C_BALANCE
-- Customer      #C_YTD_PAYMENT
-- Customer      #C_PAYMENT_CNT
SET @C_BALANCE = @C_BALANCE - @H_AMOUNT ;
SET @C_YTD_PAYMENT = @C_YTD_PAYMENT +
@H_AMOUNT ;
SET #C_PAYMENT_CNT = #C_PAYMENT_CNT + 1 ;

--(8) HISTORY teble insert
IF #C_CREDIT = 'BC' THEN
    ..*****..
    -- Bad Customer
    ..*****..
    -- (8)BC-1 CUSTOMER table select
    WHENEVER SQLERROR GOTO
ERR_S_CM;
    WHENEVER NOT FOUND GOTO
ERR_S_CM;
    SELECT C_DATA
    INTO @C_DATA474
    FROM TPCC_SCHEMA.CUSTOMER
    WHERE C_ID = #C_ID
    AND C_D_ID = #C_D_ID
    AND C_W_ID = #C_W_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;
    -- (8)BC-2 c_data
    SET #C_DATA = CAST(#C_ID AS CHAR(5))
    || CAST(#C_D_ID AS CHAR(2))
    || CAST(#C_W_ID AS CHAR(4)) --98.10.13
change
    || CAST(#D_ID AS CHAR(2))
    || CAST(#W_ID AS CHAR(4)) --98.10.13 change
    || CAST(#H_AMOUNT AS CHAR(7))
    || ' '
    || @C_DATA474;

    -- (8) BC-3 CUSTOMER table update
    WHENEVER SQLERROR GOTO
ERR_U_CM;
    WHENEVER NOT FOUND GOTO
ERR_U_CM;
    UPDATE TPCC_SCHEMA.CUSTOMER
    SET C_BALANCE = @C_BALANCE,
        C_YTD_PAYMENT = @C_YTD_PAYMENT,
        C_PAYMENT_CNT = #C_PAYMENT_CNT,

        C_DATA = #C_DATA
    WHERE C_ID = #C_ID
    AND C_D_ID = #C_D_ID
    AND C_W_ID = #C_W_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;
ELSE
    ..*****..
    -- Good Customer
    ..*****..
    -- (8)GC-1 CUSTOMER table update
    WHENEVER SQLERROR GOTO ERR_U_CM;
    WHENEVER NOT FOUND GOTO ERR_U_CM;
    UPDATE TPCC_SCHEMA.CUSTOMER
    SET C_BALANCE = @C_BALANCE,
        C_YTD_PAYMENT = @C_YTD_PAYMENT,
        C_PAYMENT_CNT = #C_PAYMENT_CNT
    WHERE C_ID = #C_ID
    AND C_D_ID = #C_D_ID
    AND C_W_ID = #C_W_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;
END IF;

-- (3) DISTRICT table select
    WHENEVER SQLERROR GOTO ERR_S_DI;
    WHENEVER NOT FOUND GOTO ERR_S_DI;
    SELECT D_NAME,
        D_STREET_1,
        D_STREET_2,
        D_CITY,
        D_STATE,
        D_ZIP,
        D_YTD
    INTO #D_NAME,
        #D_STREET_1,
        #D_STREET_2,
        #D_CITY,
        #D_STATE,
        #D_ZIP,
        @D_YTD
    FROM TPCC_SCHEMA.DISTRICT
    WHERE D_ID = #D_ID
    AND D_W_ID = #W_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;

-- (4) DISTRICT
SET @D_YTD = @D_YTD + @H_AMOUNT;
    WHENEVER SQLERROR GOTO ERR_U_DI;
    WHENEVER NOT FOUND GOTO ERR_U_DI;
    UPDATE TPCC_SCHEMA.DISTRICT
    SET D_YTD = @D_YTD
    WHERE D_ID = #D_ID
    AND D_W_ID = #W_ID;
    WHENEVER SQLERROR CONTINUE;
    WHENEVER NOT FOUND CONTINUE;

-- (1) WAREHOUSE
    WHENEVER SQLERROR GOTO ERR_S_WH;
    SELECT W_NAME,
        W_STREET_1,
        W_STREET_2,
        W_CITY,
        W_STATE,

```

```

        W_ZIP,
        W_YTD
    INTO #W_NAME,
        #W_STREET_1,
        #W_STREET_2,
        #W_CITY,
        #W_STATE,
        #W_ZIP,
        @W_YTD
    FROM TPCC_SCHEMA.WAREHOUSE
    WHERE W_ID = #W_ID;
        WHENEVER SQLERROR CONTINUE;
-- (2) WAREHOUSE
    SET @W_YTD = @W_YTD + @H_AMOUNT;
        WHENEVER SQLERROR GOTO
ERR_U_WH;
    UPDATE TPCC_SCHEMA.WAREHOUSE
        SET W_YTD = @W_YTD
        WHERE W_ID = #W_ID;
        WHENEVER SQLERROR CONTINUE;
-- (9) HISTORY
        #H_DATA
-- HISTORY
    SET @H_DATA = #W_NAME || ' ' || #D_NAME;
        WHENEVER SQLERROR GOTO ERR_I_HI;
        WHENEVER NOT FOUND GOTO ERR_I_HI;
    INSERT
        INTO TPCC_SCHEMA.HISTORY
            (H_C_ID,
             H_C_D_ID,
             H_C_W_ID,
             H_D_ID,
             H_W_ID,
             H_DATE,
             H_AMOUNT,
             H_DATA)
        VALUES (#C_ID,
                #C_D_ID,
                #C_W_ID,
                #D_ID,
                #W_ID,
                #H_DATE,
                #H_AMOUNT,
                @H_DATA);
        WHENEVER SQLERROR CONTINUE;
        WHENEVER NOT FOUND CONTINUE;
    SET #C_BALANCE = @C_BALANCE;
    SET #C_YTD_PAYMENT = @C_YTD_PAYMENT;
--    SET #C_DATA = @C_DATA;
    COMMIT WORK ;
    SET #STATE = '00000' ;
    LEAVE PAYMENT ;

--SQLERR:NOT_FOUND:
ERR_I_HI:
    SET #ERRPOS = 106 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_S_WH:
    SET #ERRPOS = 202 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;

ERR_S_DI:
    SET #ERRPOS = 203 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_S_CM_NAME:
    SET #ERRPOS = 205 ;
    SET #STATE = '02000' ;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_S_CM:
    SET #ERRPOS = 205 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_U_WH:
    SET #ERRPOS = 302 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_U_DI:
    SET #ERRPOS = 303 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;
    LEAVE PAYMENT ;
ERR_U_CM:
    SET #ERRPOS = 305 ;
    SET #STATE = SQLSTATE;
    ROLLBACK WORK ;

END PAYMENT
END-EXEC;
#####
###
-- # TPC-CYÄYÇYë=ÏYÆiçYÖYëÄëuÁ
-- #
-- # 1995.5.15 1ÓÄi
-- # 1996.4.18 ÄçççDECIMAL -> CHAR or SMALLINT or INTEGER=ØËÑ11
-- # 1996.10.18 ,(C_ID,H_C_ID,O_C_ID SMALLINT -> INTEGER=ØËÑ11
-- # I_IM_ID ÄÉ2Ä
-- # 1998.11.24 W_YTD, D_YTD, C_BALANCE, C_CREDIT_LIM,
-- # C_YTD_PAYMENT -> Äçø12-a=ËËÑ11iËY»YøYËÄç`liË
-- #
#####
###
CREATE SCHEMA TPCC_SCHEMA
--
#####
###
-- # YÆiçYÖYëÄëuÁ
--
#####
###
CREATE TABLE TPCC_SCHEMA.WAREHOUSE(
    W_ID SMALLINTNOT NULL,
    W_NAME CHAR(10)NOT NULL,
    W_STREET_1CHAR(20)NOT NULL,
    W_STREET_2CHAR(20)NOT NULL,
    W_CITY CHAR(20)NOT NULL,
    W_STATE CHAR(2) NOT NULL,
    W_ZIP CHAR(9) NOT NULL,

```

```

-- W_TAX DECIMAL(4,4)NOT NULL,'96/04/18 ÊÑ11
W_TAX SMALLINTNOT NULL,
-- W_YTD DECIMAL(12,2) NOT NULL, '98/11/24 ÊÑ11
W_YTD DECIMAL(12,0) NOT NULL,
PRIMARY KEY(W_ID)
)
CREATE TABLE TPCC_SCHEMA.DISTRICT(
D_ID SMALLINTNOT NULL,
D_W_ID SMALLINTNOT NULL,
D_NAME CHAR(10)NOT NULL,
D_STREET_1CHAR(20)NOT NULL,
D_STREET_2CHAR(20)NOT NULL,
D_CITY CHAR(20)NOT NULL,
D_STATE CHAR(2) NOT NULL,
D_ZIP CHAR(9) NOT NULL,
-- D_TAX DECIMAL(4,4)NOT NULL,'96/04/18 ÊÑ11
D_TAX SMALLINTNOT NULL,
-- D_YTD DECIMAL(12,2)NOT NULL,'98/11/24 ÊÑ11
D_YTD DECIMAL(12,0)NOT NULL,
D_NEXT_O_IDINTEGERNOT NULL,
PRIMARY KEY(D_W_ID,D_ID)
)
CREATE TABLE TPCC_SCHEMA.CUSTOMER(
-- C_ID SMALLINTNOT NULL,'96/10/18 ÊÑ11
C_ID INTEGER NOT NULL,
C_D_ID SMALLINTNOT NULL,
C_W_ID SMALLINTNOT NULL,
C_FIRST CHAR(16)NOT NULL,
C_MIDDLECHAR(2)NOT NULL,
C_LAST CHAR(16)NOT NULL,
C_STREET_1CHAR(20)NOT NULL,
C_STREET_2CHAR(20)NOT NULL,
C_CITY CHAR(20)NOT NULL,
C_STATE CHAR(2) NOT NULL,
C_ZIP CHAR(9) NOT NULL,
C_PHONECHAR(16)NOT NULL,
-- C_SINCE DECIMAL(14)NOT NULL,'96/04/18 ÊÑ11
C_SINCE CHAR(14)NOT NULL,
C_CREDITCHAR(2)NOT NULL,
-- C_CREDIT_LIMDECIMAL(12,2)NOT NULL,'98/11/24 ÊÑ11
C_CREDIT_LIMDECIMAL(12,0)NOT NULL,
-- C_DISCOUNTDECIMAL(4,4)NOT NULL,'96/04/18 ÊÑ11
C_DISCOUNTSMALLINTNOT NULL,
-- C_BALANCEDECIMAL(12,2)NOT NULL, '98/11/24 ÊÑ11
C_BALANCEDECIMAL(12,0)NOT NULL,
-- C_YTD_PAYMENTDECIMAL(12,2)NOT NULL,'98/11/24 ÊÑ11
C_YTD_PAYMENTDECIMAL(12,0)NOT NULL,
C_PAYMENT_CNTSMALLINTNOT NULL,
C_DELIVERY_CNTSMALLINTNOT NULL,
-- C_DATA CHAR(500)NOT NULL, 00/07/24 CU 2k2ç
C_DATA VARCHAR(500)NOT NULL,
PRIMARY KEY(C_W_ID, C_D_ID, C_ID)
)
CREATE TABLE TPCC_SCHEMA.ITEM(
I_ID INTEGER NOT NULL,
I_IM_ID INTEGER NOT NULL,
I_NAME CHAR(24)NOT NULL,
-- I_PRICE DECIMAL(5,2)NOT NULL,'96/04/18 ÊÑ11
I_PRICE SMALLINTNOT NULL,
I_DATA CHAR(50)NOT NULL,
PRIMARY KEY(I_ID)
)
CREATE TABLE TPCC_SCHEMA.STOCK(
S_I_ID INTEGER NOT NULL,
S_W_ID SMALLINTNOT NULL,
S_QUANTITYSMALLINTNOT NULL,
S_DIST_01CHAR(24)NOT NULL,
S_DIST_02CHAR(24)NOT NULL,
S_DIST_03CHAR(24)NOT NULL,
S_DIST_04CHAR(24)NOT NULL,
S_DIST_05CHAR(24)NOT NULL,
S_DIST_06CHAR(24)NOT NULL,
S_DIST_07CHAR(24)NOT NULL,
S_DIST_08CHAR(24)NOT NULL,
S_DIST_09CHAR(24)NOT NULL,
S_DIST_10CHAR(24)NOT NULL,
S_YTD INTEGER NOT NULL,
S_ORDER_CNTSMALLINTNOT NULL,
S_REMOTE_CNTSMALLINTNOT NULL,
S_DATA CHAR(50)NOT NULL,
PRIMARY KEY(S_W_ID, S_I_ID)
)
CREATE TABLE TPCC_SCHEMA.NEWORDER(
NO_O_ID INTEGER NOT NULL,
NO_D_ID SMALLINTNOT NULL,
NO_W_ID SMALLINTNOT NULL,
PRIMARY KEY(NO_W_ID, NO_D_ID, NO_O_ID)
)
CREATE TABLE TPCC_SCHEMA.ORDERS(
O_ID INTEGER NOT NULL,
O_D_ID SMALLINTNOT NULL,
O_W_ID SMALLINTNOT NULL,
-- O_C_ID SMALLINTNOT NULL,'96/10/18 ÊÑ11
O_C_ID INTEGER NOT NULL,
-- O_ENTRY_DDECIMAL(14)NOT NULL,'96/04/18 ÊÑ11
O_ENTRY_DCHAR(14)NOT NULL,
O_CARRIER_IDSMALLINT,
O_OL_CNTSMALLINTNOT NULL,
O_ALL_LOCALSMALLINTNOT NULL,
PRIMARY KEY(O_W_ID, O_D_ID, O_ID)
)
CREATE TABLE TPCC_SCHEMA.ORDERLINE(
OL_O_ID INTEGER NOT NULL,
OL_D_ID SMALLINTNOT NULL,
OL_W_ID SMALLINTNOT NULL,
OL_NUMBERSMALLINTNOT NULL,
OL_I_ID INTEGER NOT NULL,
OL_SUPPLY_W_IDSMALLINTNOT NULL,
-- OL_DELIVERY_DDECIMAL(14),'96/04/18 ÊÑ11
OL_DELIVERY_DCHAR(14),
OL_QUANTITYSMALLINTNOT NULL,
-- OL_AMOUNTDECIMAL(6,2)NOT NULL,'96/04/18 ÊÑ11
OL_AMOUNTINTEGERNOT NULL,
OL_DIST_INFOCHAR(24)NOT NULL,
-- PRIMARY KEY(OL_W_ID, OL_D_ID, OL_O_ID, OL_NUMBER)
PRIMARY KEY(OL_W_ID, OL_D_ID, OL_NUMBER, OL_O_ID)
)
CREATE TABLE TPCC_SCHEMA.HISTORY(

```

```

-- H_C_ID SMALLINT NOT NULL, '96/10/18 ÊÑ11
H_C_ID INTEGER NOT NULL,
H_C_D_ID SMALLINT NOT NULL,
H_C_W_ID SMALLINT NOT NULL,
H_D_ID SMALLINT NOT NULL,
H_W_ID SMALLINT NOT NULL,
-- H_DATE DECIMAL(14) NOT NULL, '96/04/27 ÊÑ11
H_DATE CHAR(14) NOT NULL,
-- H_AMOUNT DECIMAL(6,2) NOT NULL, '96/04/18 ÊÑ11
H_AMOUNT INTEGER NOT NULL,
H_DATA CHAR(24) NOT NULL
)
-----
-- * Phase.2-3b: Customer-Index
-----
CREATE DSO CUSTOMER_IX_DSO
INDEX ON
TPCC_SCHEMA.CUSTOMER(C_W_ID,C_D_ID,C_LAST)
TYPE BTREE(PAGESIZE1(16),PAGESIZE2(32));

CREATE DSI CUSTOMER_X_1_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_1_DSI
ALLOCATE INDEX ON SP1 SIZE 224K,
BASE ON SP1 SIZE 8416K;

CREATE DSI CUSTOMER_X_2_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_2_DSI
ALLOCATE INDEX ON SP1 SIZE 224K,
BASE ON SP1 SIZE 8416K;

CREATE DSI CUSTOMER_X_3_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_3_DSI
ALLOCATE INDEX ON SP2 SIZE 224K,
BASE ON SP2 SIZE 8416K;

CREATE DSI CUSTOMER_X_4_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_4_DSI
ALLOCATE INDEX ON SP2 SIZE 224K,
BASE ON SP2 SIZE 8416K;

CREATE DSI CUSTOMER_X_5_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_5_DSI
ALLOCATE INDEX ON SP3 SIZE 224K,
BASE ON SP3 SIZE 8416K;

CREATE DSI CUSTOMER_X_6_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_6_DSI
ALLOCATE INDEX ON SP3 SIZE 224K,
BASE ON SP3 SIZE 8416K;

CREATE DSI CUSTOMER_X_7_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_7_DSI
ALLOCATE INDEX ON SP4 SIZE 224K,
BASE ON SP4 SIZE 8416K;

CREATE DSI CUSTOMER_X_8_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_8_DSI
ALLOCATE INDEX ON SP4 SIZE 224K,
BASE ON SP4 SIZE 8416K;

CREATE DSI CUSTOMER_X_9_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_9_DSI
ALLOCATE INDEX ON SP5 SIZE 224K,
BASE ON SP5 SIZE 8416K;

CREATE DSI CUSTOMER_X_10_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_10_DSI
ALLOCATE INDEX ON SP5 SIZE 224K,
BASE ON SP5 SIZE 8416K;

CREATE DSI CUSTOMER_X_11_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_11_DSI
ALLOCATE INDEX ON SP6 SIZE 224K,
BASE ON SP6 SIZE 8416K;

CREATE DSI CUSTOMER_X_12_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_12_DSI
ALLOCATE INDEX ON SP6 SIZE 224K,
BASE ON SP6 SIZE 8416K;

CREATE DSI CUSTOMER_X_13_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_13_DSI
ALLOCATE INDEX ON SP7 SIZE 224K,
BASE ON SP7 SIZE 8416K;

CREATE DSI CUSTOMER_X_14_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_14_DSI
ALLOCATE INDEX ON SP7 SIZE 224K,
BASE ON SP7 SIZE 8416K;

CREATE DSI CUSTOMER_X_15_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_15_DSI
ALLOCATE INDEX ON SP8 SIZE 224K,
BASE ON SP8 SIZE 8416K;

CREATE DSI CUSTOMER_X_16_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_16_DSI
ALLOCATE INDEX ON SP8 SIZE 224K,
BASE ON SP8 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_17_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_17_DSI
ALLOCATE INDEX ON SP9 SIZE 224K,
BASE ON SP9 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_18_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_18_DSI
ALLOCATE INDEX ON SP9 SIZE 224K,
BASE ON SP9 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_19_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_19_DSI
ALLOCATE INDEX ON SP10 SIZE 224K,
BASE ON SP10 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_20_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_20_DSI
ALLOCATE INDEX ON SP10 SIZE 224K,
BASE ON SP10 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_21_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_21_DSI
ALLOCATE INDEX ON SP11 SIZE 224K,
BASE ON SP11 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_22_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_22_DSI
ALLOCATE INDEX ON SP11 SIZE 224K,
BASE ON SP11 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_23_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_23_DSI
ALLOCATE INDEX ON SP12 SIZE 224K,
BASE ON SP12 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_24_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_24_DSI
ALLOCATE INDEX ON SP12 SIZE 224K,
BASE ON SP12 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_25_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_25_DSI
ALLOCATE INDEX ON SP13 SIZE 224K,
BASE ON SP13 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_26_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_26_DSI
ALLOCATE INDEX ON SP13 SIZE 224K,
BASE ON SP13 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_27_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_27_DSI
ALLOCATE INDEX ON SP14 SIZE 224K,
BASE ON SP14 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_28_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_28_DSI
ALLOCATE INDEX ON SP14 SIZE 224K,
BASE ON SP14 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_29_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_29_DSI
ALLOCATE INDEX ON SP15 SIZE 224K,
BASE ON SP15 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_30_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_30_DSI
ALLOCATE INDEX ON SP15 SIZE 224K,
BASE ON SP15 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_31_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_31_DSI
ALLOCATE INDEX ON SP16 SIZE 224K,
BASE ON SP16 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_32_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_32_DSI
ALLOCATE INDEX ON SP16 SIZE 224K,
BASE ON SP16 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_33_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_33_DSI
ALLOCATE INDEX ON SP17 SIZE 224K,
BASE ON SP17 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_34_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_34_DSI
ALLOCATE INDEX ON SP17 SIZE 224K,
BASE ON SP17 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_35_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_35_DSI
ALLOCATE INDEX ON SP18 SIZE 224K,
BASE ON SP18 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_36_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_36_DSI
ALLOCATE INDEX ON SP18 SIZE 224K,
BASE ON SP18 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_37_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_37_DSI
ALLOCATE INDEX ON SP19 SIZE 224K,
BASE ON SP19 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_38_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_38_DSI
ALLOCATE INDEX ON SP19 SIZE 224K,
BASE ON SP19 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_39_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_39_DSI
ALLOCATE INDEX ON SP20 SIZE 224K,
BASE ON SP20 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_40_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_40_DSI
ALLOCATE INDEX ON SP20 SIZE 224K,
BASE ON SP20 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_41_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_41_DSI
ALLOCATE INDEX ON SP21 SIZE 224K,
BASE ON SP21 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_42_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_42_DSI
ALLOCATE INDEX ON SP21 SIZE 224K,
BASE ON SP21 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_43_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_43_DSI
ALLOCATE INDEX ON SP22 SIZE 224K,
BASE ON SP22 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_44_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_44_DSI
ALLOCATE INDEX ON SP22 SIZE 224K,
BASE ON SP22 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_45_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_45_DSI
ALLOCATE INDEX ON SP23 SIZE 224K,
BASE ON SP23 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_46_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_46_DSI
ALLOCATE INDEX ON SP23 SIZE 224K,
BASE ON SP23 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_47_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_47_DSI
ALLOCATE INDEX ON SP24 SIZE 224K,
BASE ON SP24 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_48_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_48_DSI
ALLOCATE INDEX ON SP24 SIZE 224K,
BASE ON SP24 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_49_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_49_DSI
ALLOCATE INDEX ON SP25 SIZE 224K,
BASE ON SP25 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_50_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_50_DSI
ALLOCATE INDEX ON SP25 SIZE 224K,
BASE ON SP25 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_51_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_51_DSI
ALLOCATE INDEX ON SP26 SIZE 224K,
BASE ON SP26 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_52_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_52_DSI
ALLOCATE INDEX ON SP26 SIZE 224K,
BASE ON SP26 SIZE 8416K;

CREATE DSI CUSTOMER_X_53_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_53_DSI
ALLOCATE INDEX ON SP27 SIZE 224K,
BASE ON SP27 SIZE 8416K;

CREATE DSI CUSTOMER_X_54_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_54_DSI
ALLOCATE INDEX ON SP27 SIZE 224K,
BASE ON SP27 SIZE 8416K;

CREATE DSI CUSTOMER_X_55_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_55_DSI
ALLOCATE INDEX ON SP28 SIZE 224K,
BASE ON SP28 SIZE 8416K;

CREATE DSI CUSTOMER_X_56_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_56_DSI
ALLOCATE INDEX ON SP28 SIZE 224K,
BASE ON SP28 SIZE 8416K;

CREATE DSI CUSTOMER_X_57_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_57_DSI
ALLOCATE INDEX ON SP29 SIZE 224K,
BASE ON SP29 SIZE 8416K;

CREATE DSI CUSTOMER_X_58_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_58_DSI
ALLOCATE INDEX ON SP29 SIZE 224K,
BASE ON SP29 SIZE 8416K;

CREATE DSI CUSTOMER_X_59_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_59_DSI
ALLOCATE INDEX ON SP30 SIZE 224K,
BASE ON SP30 SIZE 8416K;

CREATE DSI CUSTOMER_X_60_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_60_DSI
ALLOCATE INDEX ON SP30 SIZE 224K,
BASE ON SP30 SIZE 8416K;

CREATE DSI CUSTOMER_X_61_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_61_DSI
ALLOCATE INDEX ON SP31 SIZE 224K,
BASE ON SP31 SIZE 8416K;

CREATE DSI CUSTOMER_X_62_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_62_DSI
ALLOCATE INDEX ON SP31 SIZE 224K,
BASE ON SP31 SIZE 8416K;

CREATE DSI CUSTOMER_X_63_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_63_DSI
ALLOCATE INDEX ON SP32 SIZE 224K,
BASE ON SP32 SIZE 8416K;

CREATE DSI CUSTOMER_X_64_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_64_DSI
ALLOCATE INDEX ON SP32 SIZE 224K,
BASE ON SP32 SIZE 8416K;

CREATE DSI CUSTOMER_X_65_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_65_DSI
ALLOCATE INDEX ON SP33 SIZE 224K,
BASE ON SP33 SIZE 8416K;

CREATE DSI CUSTOMER_X_66_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_66_DSI
ALLOCATE INDEX ON SP33 SIZE 224K,
BASE ON SP33 SIZE 8416K;

CREATE DSI CUSTOMER_X_67_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_67_DSI
ALLOCATE INDEX ON SP34 SIZE 224K,
BASE ON SP34 SIZE 8416K;

CREATE DSI CUSTOMER_X_68_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_68_DSI
ALLOCATE INDEX ON SP34 SIZE 224K,
BASE ON SP34 SIZE 8416K;

CREATE DSI CUSTOMER_X_69_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_69_DSI
ALLOCATE INDEX ON SP35 SIZE 224K,
BASE ON SP35 SIZE 8416K;

CREATE DSI CUSTOMER_X_70_DSI
```



```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_70_DSI
ALLOCATE INDEX ON SP35 SIZE 224K,
BASE ON SP35 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_71_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_71_DSI
ALLOCATE INDEX ON SP36 SIZE 224K,
BASE ON SP36 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_72_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_72_DSI
ALLOCATE INDEX ON SP36 SIZE 224K,
BASE ON SP36 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_73_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_73_DSI
ALLOCATE INDEX ON SP37 SIZE 224K,
BASE ON SP37 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_74_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_74_DSI
ALLOCATE INDEX ON SP37 SIZE 224K,
BASE ON SP37 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_75_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_75_DSI
ALLOCATE INDEX ON SP38 SIZE 224K,
BASE ON SP38 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_76_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_76_DSI
ALLOCATE INDEX ON SP38 SIZE 224K,
BASE ON SP38 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_77_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_77_DSI
ALLOCATE INDEX ON SP39 SIZE 224K,
BASE ON SP39 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_78_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_78_DSI
ALLOCATE INDEX ON SP39 SIZE 224K,
BASE ON SP39 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_79_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_79_DSI
ALLOCATE INDEX ON SP40 SIZE 224K,
BASE ON SP40 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_80_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_80_DSI
ALLOCATE INDEX ON SP40 SIZE 224K,
BASE ON SP40 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_81_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_81_DSI
ALLOCATE INDEX ON SP41 SIZE 224K,
BASE ON SP41 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_82_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_82_DSI
ALLOCATE INDEX ON SP41 SIZE 224K,
BASE ON SP41 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_83_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_83_DSI
ALLOCATE INDEX ON SP42 SIZE 224K,
BASE ON SP42 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_84_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_84_DSI
ALLOCATE INDEX ON SP42 SIZE 224K,
BASE ON SP42 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_85_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_85_DSI
ALLOCATE INDEX ON SP43 SIZE 224K,
BASE ON SP43 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_86_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_86_DSI
ALLOCATE INDEX ON SP43 SIZE 224K,
BASE ON SP43 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_87_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_87_DSI
ALLOCATE INDEX ON SP44 SIZE 224K,
BASE ON SP44 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_88_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_88_DSI
ALLOCATE INDEX ON SP44 SIZE 224K,
BASE ON SP44 SIZE 8416K;

CREATE DSI CUSTOMER_X_89_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_89_DSI
ALLOCATE INDEX ON SP45 SIZE 224K,
BASE ON SP45 SIZE 8416K;

CREATE DSI CUSTOMER_X_90_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_90_DSI
ALLOCATE INDEX ON SP45 SIZE 224K,
BASE ON SP45 SIZE 8416K;

CREATE DSI CUSTOMER_X_91_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_91_DSI
ALLOCATE INDEX ON SP46 SIZE 224K,
BASE ON SP46 SIZE 8416K;

CREATE DSI CUSTOMER_X_92_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_92_DSI
ALLOCATE INDEX ON SP46 SIZE 224K,
BASE ON SP46 SIZE 8416K;

CREATE DSI CUSTOMER_X_93_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_93_DSI
ALLOCATE INDEX ON SP47 SIZE 224K,
BASE ON SP47 SIZE 8416K;

CREATE DSI CUSTOMER_X_94_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_94_DSI
ALLOCATE INDEX ON SP47 SIZE 224K,
BASE ON SP47 SIZE 8416K;

CREATE DSI CUSTOMER_X_95_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_95_DSI
ALLOCATE INDEX ON SP48 SIZE 224K,
BASE ON SP48 SIZE 8416K;

CREATE DSI CUSTOMER_X_96_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_96_DSI
ALLOCATE INDEX ON SP48 SIZE 224K,
BASE ON SP48 SIZE 8416K;

CREATE DSI CUSTOMER_X_97_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_97_DSI
ALLOCATE INDEX ON SP49 SIZE 224K,
BASE ON SP49 SIZE 8416K;

CREATE DSI CUSTOMER_X_98_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_98_DSI
ALLOCATE INDEX ON SP49 SIZE 224K,
BASE ON SP49 SIZE 8416K;

CREATE DSI CUSTOMER_X_99_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_99_DSI
ALLOCATE INDEX ON SP50 SIZE 224K,
BASE ON SP50 SIZE 8416K;

CREATE DSI CUSTOMER_X_100_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_100_DSI
ALLOCATE INDEX ON SP50 SIZE 224K,
BASE ON SP50 SIZE 8416K;

CREATE DSI CUSTOMER_X_101_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_101_DSI
ALLOCATE INDEX ON SP51 SIZE 224K,
BASE ON SP51 SIZE 8416K;

CREATE DSI CUSTOMER_X_102_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_102_DSI
ALLOCATE INDEX ON SP51 SIZE 224K,
BASE ON SP51 SIZE 8416K;

CREATE DSI CUSTOMER_X_103_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_103_DSI
ALLOCATE INDEX ON SP52 SIZE 224K,
BASE ON SP52 SIZE 8416K;

CREATE DSI CUSTOMER_X_104_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_104_DSI
ALLOCATE INDEX ON SP52 SIZE 224K,
BASE ON SP52 SIZE 8416K;

CREATE DSI CUSTOMER_X_105_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_105_DSI
ALLOCATE INDEX ON SP53 SIZE 224K,
BASE ON SP53 SIZE 8416K;

CREATE DSI CUSTOMER_X_106_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_106_DSI
ALLOCATE INDEX ON SP53 SIZE 224K,
    BASE ON SP53 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_107_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_107_DSI
ALLOCATE INDEX ON SP54 SIZE 224K,
    BASE ON SP54 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_108_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_108_DSI
ALLOCATE INDEX ON SP54 SIZE 224K,
    BASE ON SP54 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_109_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_109_DSI
ALLOCATE INDEX ON SP55 SIZE 224K,
    BASE ON SP55 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_110_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_110_DSI
ALLOCATE INDEX ON SP55 SIZE 224K,
    BASE ON SP55 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_111_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_111_DSI
ALLOCATE INDEX ON SP56 SIZE 224K,
    BASE ON SP56 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_112_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_112_DSI
ALLOCATE INDEX ON SP56 SIZE 224K,
    BASE ON SP56 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_113_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_113_DSI
ALLOCATE INDEX ON SP57 SIZE 224K,
    BASE ON SP57 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_114_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_114_DSI
ALLOCATE INDEX ON SP57 SIZE 224K,
    BASE ON SP57 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_115_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_115_DSI
ALLOCATE INDEX ON SP58 SIZE 224K,
    BASE ON SP58 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_116_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_116_DSI
ALLOCATE INDEX ON SP58 SIZE 224K,
    BASE ON SP58 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_117_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_117_DSI
ALLOCATE INDEX ON SP59 SIZE 224K,
    BASE ON SP59 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_118_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_118_DSI
ALLOCATE INDEX ON SP59 SIZE 224K,
    BASE ON SP59 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_119_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_119_DSI
ALLOCATE INDEX ON SP60 SIZE 224K,
    BASE ON SP60 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_120_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_120_DSI
ALLOCATE INDEX ON SP60 SIZE 224K,
    BASE ON SP60 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_121_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_121_DSI
ALLOCATE INDEX ON SP61 SIZE 224K,
    BASE ON SP61 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_122_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_122_DSI
ALLOCATE INDEX ON SP61 SIZE 224K,
    BASE ON SP61 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_123_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_123_DSI
ALLOCATE INDEX ON SP62 SIZE 224K,
    BASE ON SP62 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_124_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_124_DSI
ALLOCATE INDEX ON SP62 SIZE 224K,
BASE ON SP62 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_125_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_125_DSI
ALLOCATE INDEX ON SP63 SIZE 224K,
BASE ON SP63 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_126_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_126_DSI
ALLOCATE INDEX ON SP63 SIZE 224K,
BASE ON SP63 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_127_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_127_DSI
ALLOCATE INDEX ON SP64 SIZE 224K,
BASE ON SP64 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_128_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_128_DSI
ALLOCATE INDEX ON SP64 SIZE 224K,
BASE ON SP64 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_129_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_129_DSI
ALLOCATE INDEX ON SP65 SIZE 224K,
BASE ON SP65 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_130_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_130_DSI
ALLOCATE INDEX ON SP65 SIZE 224K,
BASE ON SP65 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_131_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_131_DSI
ALLOCATE INDEX ON SP66 SIZE 224K,
BASE ON SP66 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_132_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_132_DSI
ALLOCATE INDEX ON SP66 SIZE 224K,
BASE ON SP66 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_133_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_133_DSI
ALLOCATE INDEX ON SP67 SIZE 224K,
BASE ON SP67 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_134_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_134_DSI
ALLOCATE INDEX ON SP67 SIZE 224K,
BASE ON SP67 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_135_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_135_DSI
ALLOCATE INDEX ON SP68 SIZE 224K,
BASE ON SP68 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_136_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_136_DSI
ALLOCATE INDEX ON SP68 SIZE 224K,
BASE ON SP68 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_137_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_137_DSI
ALLOCATE INDEX ON SP69 SIZE 224K,
BASE ON SP69 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_138_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_138_DSI
ALLOCATE INDEX ON SP69 SIZE 224K,
BASE ON SP69 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_139_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_139_DSI
ALLOCATE INDEX ON SP70 SIZE 224K,
BASE ON SP70 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_140_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_140_DSI
ALLOCATE INDEX ON SP70 SIZE 224K,
BASE ON SP70 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_141_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_141_DSI
ALLOCATE INDEX ON SP71 SIZE 224K,
BASE ON SP71 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_142_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_142_DSI
ALLOCATE INDEX ON SP71 SIZE 224K,
    BASE ON SP71 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_143_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_143_DSI
ALLOCATE INDEX ON SP72 SIZE 224K,
    BASE ON SP72 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_144_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_144_DSI
ALLOCATE INDEX ON SP72 SIZE 224K,
    BASE ON SP72 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_145_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_145_DSI
ALLOCATE INDEX ON SP73 SIZE 224K,
    BASE ON SP73 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_146_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_146_DSI
ALLOCATE INDEX ON SP73 SIZE 224K,
    BASE ON SP73 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_147_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_147_DSI
ALLOCATE INDEX ON SP74 SIZE 224K,
    BASE ON SP74 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_148_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_148_DSI
ALLOCATE INDEX ON SP74 SIZE 224K,
    BASE ON SP74 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_149_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_149_DSI
ALLOCATE INDEX ON SP75 SIZE 224K,
    BASE ON SP75 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_150_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_150_DSI
ALLOCATE INDEX ON SP75 SIZE 224K,
    BASE ON SP75 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_151_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_151_DSI
ALLOCATE INDEX ON SP76 SIZE 224K,
    BASE ON SP76 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_152_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_152_DSI
ALLOCATE INDEX ON SP76 SIZE 224K,
    BASE ON SP76 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_153_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_153_DSI
ALLOCATE INDEX ON SP77 SIZE 224K,
    BASE ON SP77 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_154_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_154_DSI
ALLOCATE INDEX ON SP77 SIZE 224K,
    BASE ON SP77 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_155_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_155_DSI
ALLOCATE INDEX ON SP78 SIZE 224K,
    BASE ON SP78 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_156_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_156_DSI
ALLOCATE INDEX ON SP78 SIZE 224K,
    BASE ON SP78 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_157_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_157_DSI
ALLOCATE INDEX ON SP79 SIZE 224K,
    BASE ON SP79 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_158_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_158_DSI
ALLOCATE INDEX ON SP79 SIZE 224K,
    BASE ON SP79 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_159_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_159_DSI
ALLOCATE INDEX ON SP80 SIZE 224K,
    BASE ON SP80 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_160_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_160_DSI
ALLOCATE INDEX ON SP80 SIZE 224K,
BASE ON SP80 SIZE 8416K;

CREATE DSI CUSTOMER_X_161_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_161_DSI
ALLOCATE INDEX ON SP81 SIZE 224K,
BASE ON SP81 SIZE 8416K;

CREATE DSI CUSTOMER_X_162_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_162_DSI
ALLOCATE INDEX ON SP81 SIZE 224K,
BASE ON SP81 SIZE 8416K;

CREATE DSI CUSTOMER_X_163_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_163_DSI
ALLOCATE INDEX ON SP82 SIZE 224K,
BASE ON SP82 SIZE 8416K;

CREATE DSI CUSTOMER_X_164_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_164_DSI
ALLOCATE INDEX ON SP82 SIZE 224K,
BASE ON SP82 SIZE 8416K;

CREATE DSI CUSTOMER_X_165_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_165_DSI
ALLOCATE INDEX ON SP83 SIZE 224K,
BASE ON SP83 SIZE 8416K;

CREATE DSI CUSTOMER_X_166_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_166_DSI
ALLOCATE INDEX ON SP83 SIZE 224K,
BASE ON SP83 SIZE 8416K;

CREATE DSI CUSTOMER_X_167_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_167_DSI
ALLOCATE INDEX ON SP84 SIZE 224K,
BASE ON SP84 SIZE 8416K;

CREATE DSI CUSTOMER_X_168_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_168_DSI
ALLOCATE INDEX ON SP84 SIZE 224K,
BASE ON SP84 SIZE 8416K;

CREATE DSI CUSTOMER_X_169_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_169_DSI
ALLOCATE INDEX ON SP85 SIZE 224K,
BASE ON SP85 SIZE 8416K;

CREATE DSI CUSTOMER_X_170_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_170_DSI
ALLOCATE INDEX ON SP85 SIZE 224K,
BASE ON SP85 SIZE 8416K;

CREATE DSI CUSTOMER_X_171_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_171_DSI
ALLOCATE INDEX ON SP86 SIZE 224K,
BASE ON SP86 SIZE 8416K;

CREATE DSI CUSTOMER_X_172_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_172_DSI
ALLOCATE INDEX ON SP86 SIZE 224K,
BASE ON SP86 SIZE 8416K;

CREATE DSI CUSTOMER_X_173_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_173_DSI
ALLOCATE INDEX ON SP87 SIZE 224K,
BASE ON SP87 SIZE 8416K;

CREATE DSI CUSTOMER_X_174_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_174_DSI
ALLOCATE INDEX ON SP87 SIZE 224K,
BASE ON SP87 SIZE 8416K;

CREATE DSI CUSTOMER_X_175_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_175_DSI
ALLOCATE INDEX ON SP88 SIZE 224K,
BASE ON SP88 SIZE 8416K;

CREATE DSI CUSTOMER_X_176_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_176_DSI
ALLOCATE INDEX ON SP88 SIZE 224K,
BASE ON SP88 SIZE 8416K;

CREATE DSI CUSTOMER_X_177_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_177_DSI
ALLOCATE INDEX ON SP89 SIZE 224K,
BASE ON SP89 SIZE 8416K;

CREATE DSI CUSTOMER_X_178_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_178_DSI
ALLOCATE INDEX ON SP89 SIZE 224K,
BASE ON SP89 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_179_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_179_DSI
ALLOCATE INDEX ON SP90 SIZE 224K,
BASE ON SP90 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_180_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_180_DSI
ALLOCATE INDEX ON SP90 SIZE 224K,
BASE ON SP90 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_181_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_181_DSI
ALLOCATE INDEX ON SP91 SIZE 224K,
BASE ON SP91 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_182_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_182_DSI
ALLOCATE INDEX ON SP91 SIZE 224K,
BASE ON SP91 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_183_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_183_DSI
ALLOCATE INDEX ON SP92 SIZE 224K,
BASE ON SP92 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_184_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_184_DSI
ALLOCATE INDEX ON SP92 SIZE 224K,
BASE ON SP92 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_185_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_185_DSI
ALLOCATE INDEX ON SP93 SIZE 224K,
BASE ON SP93 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_186_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_186_DSI
ALLOCATE INDEX ON SP93 SIZE 224K,
BASE ON SP93 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_187_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_187_DSI
ALLOCATE INDEX ON SP94 SIZE 224K,
BASE ON SP94 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_188_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_188_DSI
ALLOCATE INDEX ON SP94 SIZE 224K,
BASE ON SP94 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_189_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_189_DSI
ALLOCATE INDEX ON SP95 SIZE 224K,
BASE ON SP95 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_190_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_190_DSI
ALLOCATE INDEX ON SP95 SIZE 224K,
BASE ON SP95 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_191_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_191_DSI
ALLOCATE INDEX ON SP96 SIZE 224K,
BASE ON SP96 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_192_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_192_DSI
ALLOCATE INDEX ON SP96 SIZE 224K,
BASE ON SP96 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_193_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_193_DSI
ALLOCATE INDEX ON SP97 SIZE 224K,
BASE ON SP97 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_194_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_194_DSI
ALLOCATE INDEX ON SP97 SIZE 224K,
BASE ON SP97 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_195_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_195_DSI
ALLOCATE INDEX ON SP98 SIZE 224K,
BASE ON SP98 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_196_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_196_DSI
ALLOCATE INDEX ON SP98 SIZE 224K,
BASE ON SP98 SIZE 8416K;

CREATE DSI CUSTOMER_X_197_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_197_DSI
ALLOCATE INDEX ON SP99 SIZE 224K,
BASE ON SP99 SIZE 8416K;

CREATE DSI CUSTOMER_X_198_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_198_DSI
ALLOCATE INDEX ON SP99 SIZE 224K,
BASE ON SP99 SIZE 8416K;

CREATE DSI CUSTOMER_X_199_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_199_DSI
ALLOCATE INDEX ON SP100 SIZE 224K,
BASE ON SP100 SIZE 8416K;

CREATE DSI CUSTOMER_X_200_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_200_DSI
ALLOCATE INDEX ON SP100 SIZE 224K,
BASE ON SP100 SIZE 8416K;

CREATE DSI CUSTOMER_X_201_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_201_DSI
ALLOCATE INDEX ON SP101 SIZE 224K,
BASE ON SP101 SIZE 8416K;

CREATE DSI CUSTOMER_X_202_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_202_DSI
ALLOCATE INDEX ON SP101 SIZE 224K,
BASE ON SP101 SIZE 8416K;

CREATE DSI CUSTOMER_X_203_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_203_DSI
ALLOCATE INDEX ON SP102 SIZE 224K,
BASE ON SP102 SIZE 8416K;

CREATE DSI CUSTOMER_X_204_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_204_DSI
ALLOCATE INDEX ON SP102 SIZE 224K,
BASE ON SP102 SIZE 8416K;

CREATE DSI CUSTOMER_X_205_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_205_DSI
ALLOCATE INDEX ON SP103 SIZE 224K,
BASE ON SP103 SIZE 8416K;

CREATE DSI CUSTOMER_X_206_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_206_DSI
ALLOCATE INDEX ON SP103 SIZE 224K,
BASE ON SP103 SIZE 8416K;

CREATE DSI CUSTOMER_X_207_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_207_DSI
ALLOCATE INDEX ON SP104 SIZE 224K,
BASE ON SP104 SIZE 8416K;

CREATE DSI CUSTOMER_X_208_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_208_DSI
ALLOCATE INDEX ON SP104 SIZE 224K,
BASE ON SP104 SIZE 8416K;

CREATE DSI CUSTOMER_X_209_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_209_DSI
ALLOCATE INDEX ON SP105 SIZE 224K,
BASE ON SP105 SIZE 8416K;

CREATE DSI CUSTOMER_X_210_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_210_DSI
ALLOCATE INDEX ON SP105 SIZE 224K,
BASE ON SP105 SIZE 8416K;

CREATE DSI CUSTOMER_X_211_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_211_DSI
ALLOCATE INDEX ON SP106 SIZE 224K,
BASE ON SP106 SIZE 8416K;

CREATE DSI CUSTOMER_X_212_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_212_DSI
ALLOCATE INDEX ON SP106 SIZE 224K,
BASE ON SP106 SIZE 8416K;

CREATE DSI CUSTOMER_X_213_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_213_DSI
ALLOCATE INDEX ON SP107 SIZE 224K,
BASE ON SP107 SIZE 8416K;

CREATE DSI CUSTOMER_X_214_DSI
```



```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_214_DSI
ALLOCATE INDEX ON SP107 SIZE 224K,
    BASE ON SP107 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_215_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_215_DSI
ALLOCATE INDEX ON SP108 SIZE 224K,
    BASE ON SP108 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_216_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_216_DSI
ALLOCATE INDEX ON SP108 SIZE 224K,
    BASE ON SP108 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_217_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_217_DSI
ALLOCATE INDEX ON SP109 SIZE 224K,
    BASE ON SP109 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_218_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_218_DSI
ALLOCATE INDEX ON SP109 SIZE 224K,
    BASE ON SP109 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_219_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_219_DSI
ALLOCATE INDEX ON SP110 SIZE 224K,
    BASE ON SP110 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_220_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_220_DSI
ALLOCATE INDEX ON SP110 SIZE 224K,
    BASE ON SP110 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_221_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_221_DSI
ALLOCATE INDEX ON SP111 SIZE 224K,
    BASE ON SP111 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_222_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_222_DSI
ALLOCATE INDEX ON SP111 SIZE 224K,
    BASE ON SP111 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_223_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_223_DSI
ALLOCATE INDEX ON SP112 SIZE 224K,
    BASE ON SP112 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_224_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_224_DSI
ALLOCATE INDEX ON SP112 SIZE 224K,
    BASE ON SP112 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_225_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_225_DSI
ALLOCATE INDEX ON SP113 SIZE 224K,
    BASE ON SP113 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_226_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_226_DSI
ALLOCATE INDEX ON SP113 SIZE 224K,
    BASE ON SP113 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_227_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_227_DSI
ALLOCATE INDEX ON SP114 SIZE 224K,
    BASE ON SP114 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_228_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_228_DSI
ALLOCATE INDEX ON SP114 SIZE 224K,
    BASE ON SP114 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_229_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_229_DSI
ALLOCATE INDEX ON SP115 SIZE 224K,
    BASE ON SP115 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_230_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_230_DSI
ALLOCATE INDEX ON SP115 SIZE 224K,
    BASE ON SP115 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_231_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_231_DSI
ALLOCATE INDEX ON SP116 SIZE 224K,
    BASE ON SP116 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_232_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_232_DSI
ALLOCATE INDEX ON SP116 SIZE 224K,
BASE ON SP116 SIZE 8416K;

CREATE DSI CUSTOMER_X_233_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_233_DSI
ALLOCATE INDEX ON SP117 SIZE 224K,
BASE ON SP117 SIZE 8416K;

CREATE DSI CUSTOMER_X_234_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_234_DSI
ALLOCATE INDEX ON SP117 SIZE 224K,
BASE ON SP117 SIZE 8416K;

CREATE DSI CUSTOMER_X_235_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_235_DSI
ALLOCATE INDEX ON SP118 SIZE 224K,
BASE ON SP118 SIZE 8416K;

CREATE DSI CUSTOMER_X_236_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_236_DSI
ALLOCATE INDEX ON SP118 SIZE 224K,
BASE ON SP118 SIZE 8416K;

CREATE DSI CUSTOMER_X_237_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_237_DSI
ALLOCATE INDEX ON SP119 SIZE 224K,
BASE ON SP119 SIZE 8416K;

CREATE DSI CUSTOMER_X_238_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_238_DSI
ALLOCATE INDEX ON SP119 SIZE 224K,
BASE ON SP119 SIZE 8416K;

CREATE DSI CUSTOMER_X_239_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_239_DSI
ALLOCATE INDEX ON SP120 SIZE 224K,
BASE ON SP120 SIZE 8416K;

CREATE DSI CUSTOMER_X_240_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_240_DSI
ALLOCATE INDEX ON SP120 SIZE 224K,
BASE ON SP120 SIZE 8416K;

CREATE DSI CUSTOMER_X_241_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_241_DSI
ALLOCATE INDEX ON SP121 SIZE 224K,
BASE ON SP121 SIZE 8416K;

CREATE DSI CUSTOMER_X_242_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_242_DSI
ALLOCATE INDEX ON SP121 SIZE 224K,
BASE ON SP121 SIZE 8416K;

CREATE DSI CUSTOMER_X_243_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_243_DSI
ALLOCATE INDEX ON SP122 SIZE 224K,
BASE ON SP122 SIZE 8416K;

CREATE DSI CUSTOMER_X_244_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_244_DSI
ALLOCATE INDEX ON SP122 SIZE 224K,
BASE ON SP122 SIZE 8416K;

CREATE DSI CUSTOMER_X_245_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_245_DSI
ALLOCATE INDEX ON SP123 SIZE 224K,
BASE ON SP123 SIZE 8416K;

CREATE DSI CUSTOMER_X_246_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_246_DSI
ALLOCATE INDEX ON SP123 SIZE 224K,
BASE ON SP123 SIZE 8416K;

CREATE DSI CUSTOMER_X_247_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_247_DSI
ALLOCATE INDEX ON SP124 SIZE 224K,
BASE ON SP124 SIZE 8416K;

CREATE DSI CUSTOMER_X_248_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_248_DSI
ALLOCATE INDEX ON SP124 SIZE 224K,
BASE ON SP124 SIZE 8416K;

CREATE DSI CUSTOMER_X_249_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_249_DSI
ALLOCATE INDEX ON SP125 SIZE 224K,
BASE ON SP125 SIZE 8416K;

CREATE DSI CUSTOMER_X_250_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_250_DSI
ALLOCATE INDEX ON SP125 SIZE 224K,
    BASE ON SP125 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_251_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_251_DSI
ALLOCATE INDEX ON SP126 SIZE 224K,
    BASE ON SP126 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_252_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_252_DSI
ALLOCATE INDEX ON SP126 SIZE 224K,
    BASE ON SP126 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_253_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_253_DSI
ALLOCATE INDEX ON SP127 SIZE 224K,
    BASE ON SP127 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_254_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_254_DSI
ALLOCATE INDEX ON SP127 SIZE 224K,
    BASE ON SP127 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_255_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_255_DSI
ALLOCATE INDEX ON SP128 SIZE 224K,
    BASE ON SP128 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_256_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_256_DSI
ALLOCATE INDEX ON SP128 SIZE 224K,
    BASE ON SP128 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_257_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_257_DSI
ALLOCATE INDEX ON SP129 SIZE 224K,
    BASE ON SP129 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_258_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_258_DSI
ALLOCATE INDEX ON SP129 SIZE 224K,
    BASE ON SP129 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_259_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_259_DSI
ALLOCATE INDEX ON SP130 SIZE 224K,
    BASE ON SP130 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_260_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_260_DSI
ALLOCATE INDEX ON SP130 SIZE 224K,
    BASE ON SP130 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_261_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_261_DSI
ALLOCATE INDEX ON SP131 SIZE 224K,
    BASE ON SP131 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_262_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_262_DSI
ALLOCATE INDEX ON SP131 SIZE 224K,
    BASE ON SP131 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_263_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_263_DSI
ALLOCATE INDEX ON SP132 SIZE 224K,
    BASE ON SP132 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_264_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_264_DSI
ALLOCATE INDEX ON SP132 SIZE 224K,
    BASE ON SP132 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_265_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_265_DSI
ALLOCATE INDEX ON SP133 SIZE 224K,
    BASE ON SP133 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_266_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_266_DSI
ALLOCATE INDEX ON SP133 SIZE 224K,
    BASE ON SP133 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_267_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_267_DSI
ALLOCATE INDEX ON SP134 SIZE 224K,
    BASE ON SP134 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_268_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_268_DSI
ALLOCATE INDEX ON SP134 SIZE 224K,
    BASE ON SP134 SIZE 8416K;

CREATE DSI CUSTOMER_X_269_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_269_DSI
ALLOCATE INDEX ON SP135 SIZE 224K,
    BASE ON SP135 SIZE 8416K;

CREATE DSI CUSTOMER_X_270_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_270_DSI
ALLOCATE INDEX ON SP135 SIZE 224K,
    BASE ON SP135 SIZE 8416K;

CREATE DSI CUSTOMER_X_271_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_271_DSI
ALLOCATE INDEX ON SP136 SIZE 224K,
    BASE ON SP136 SIZE 8416K;

CREATE DSI CUSTOMER_X_272_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_272_DSI
ALLOCATE INDEX ON SP136 SIZE 224K,
    BASE ON SP136 SIZE 8416K;

CREATE DSI CUSTOMER_X_273_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_273_DSI
ALLOCATE INDEX ON SP137 SIZE 224K,
    BASE ON SP137 SIZE 8416K;

CREATE DSI CUSTOMER_X_274_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_274_DSI
ALLOCATE INDEX ON SP137 SIZE 224K,
    BASE ON SP137 SIZE 8416K;

CREATE DSI CUSTOMER_X_275_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_275_DSI
ALLOCATE INDEX ON SP138 SIZE 224K,
    BASE ON SP138 SIZE 8416K;

CREATE DSI CUSTOMER_X_276_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_276_DSI
ALLOCATE INDEX ON SP138 SIZE 224K,
    BASE ON SP138 SIZE 8416K;

CREATE DSI CUSTOMER_X_277_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_277_DSI
ALLOCATE INDEX ON SP139 SIZE 224K,
    BASE ON SP139 SIZE 8416K;

CREATE DSI CUSTOMER_X_278_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_278_DSI
ALLOCATE INDEX ON SP139 SIZE 224K,
    BASE ON SP139 SIZE 8416K;

CREATE DSI CUSTOMER_X_279_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_279_DSI
ALLOCATE INDEX ON SP140 SIZE 224K,
    BASE ON SP140 SIZE 8416K;

CREATE DSI CUSTOMER_X_280_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_280_DSI
ALLOCATE INDEX ON SP140 SIZE 224K,
    BASE ON SP140 SIZE 8416K;

CREATE DSI CUSTOMER_X_281_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_281_DSI
ALLOCATE INDEX ON SP141 SIZE 224K,
    BASE ON SP141 SIZE 8416K;

CREATE DSI CUSTOMER_X_282_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_282_DSI
ALLOCATE INDEX ON SP141 SIZE 224K,
    BASE ON SP141 SIZE 8416K;

CREATE DSI CUSTOMER_X_283_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_283_DSI
ALLOCATE INDEX ON SP142 SIZE 224K,
    BASE ON SP142 SIZE 8416K;

CREATE DSI CUSTOMER_X_284_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_284_DSI
ALLOCATE INDEX ON SP142 SIZE 224K,
    BASE ON SP142 SIZE 8416K;

CREATE DSI CUSTOMER_X_285_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_285_DSI
ALLOCATE INDEX ON SP143 SIZE 224K,
    BASE ON SP143 SIZE 8416K;

CREATE DSI CUSTOMER_X_286_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_286_DSI
ALLOCATE INDEX ON SP143 SIZE 224K,
    BASE ON SP143 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_287_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_287_DSI
ALLOCATE INDEX ON SP144 SIZE 224K,
    BASE ON SP144 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_288_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_288_DSI
ALLOCATE INDEX ON SP144 SIZE 224K,
    BASE ON SP144 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_289_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_289_DSI
ALLOCATE INDEX ON SP145 SIZE 224K,
    BASE ON SP145 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_290_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_290_DSI
ALLOCATE INDEX ON SP145 SIZE 224K,
    BASE ON SP145 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_291_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_291_DSI
ALLOCATE INDEX ON SP146 SIZE 224K,
    BASE ON SP146 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_292_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_292_DSI
ALLOCATE INDEX ON SP146 SIZE 224K,
    BASE ON SP146 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_293_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_293_DSI
ALLOCATE INDEX ON SP147 SIZE 224K,
    BASE ON SP147 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_294_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_294_DSI
ALLOCATE INDEX ON SP147 SIZE 224K,
    BASE ON SP147 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_295_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_295_DSI
ALLOCATE INDEX ON SP148 SIZE 224K,
    BASE ON SP148 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_296_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_296_DSI
ALLOCATE INDEX ON SP148 SIZE 224K,
    BASE ON SP148 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_297_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_297_DSI
ALLOCATE INDEX ON SP149 SIZE 224K,
    BASE ON SP149 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_298_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_298_DSI
ALLOCATE INDEX ON SP149 SIZE 224K,
    BASE ON SP149 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_299_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_299_DSI
ALLOCATE INDEX ON SP150 SIZE 224K,
    BASE ON SP150 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_300_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_300_DSI
ALLOCATE INDEX ON SP150 SIZE 224K,
    BASE ON SP150 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_301_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_301_DSI
ALLOCATE INDEX ON SP151 SIZE 224K,
    BASE ON SP151 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_302_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_302_DSI
ALLOCATE INDEX ON SP151 SIZE 224K,
    BASE ON SP151 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_303_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_303_DSI
ALLOCATE INDEX ON SP152 SIZE 224K,
    BASE ON SP152 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_304_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_304_DSI
ALLOCATE INDEX ON SP152 SIZE 224K,
    BASE ON SP152 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_305_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_305_DSI
ALLOCATE INDEX ON SP153 SIZE 224K,
    BASE ON SP153 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_306_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_306_DSI
ALLOCATE INDEX ON SP153 SIZE 224K,
    BASE ON SP153 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_307_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_307_DSI
ALLOCATE INDEX ON SP154 SIZE 224K,
    BASE ON SP154 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_308_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_308_DSI
ALLOCATE INDEX ON SP154 SIZE 224K,
    BASE ON SP154 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_309_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_309_DSI
ALLOCATE INDEX ON SP155 SIZE 224K,
    BASE ON SP155 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_310_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_310_DSI
ALLOCATE INDEX ON SP155 SIZE 224K,
    BASE ON SP155 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_311_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_311_DSI
ALLOCATE INDEX ON SP156 SIZE 224K,
    BASE ON SP156 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_312_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_312_DSI
ALLOCATE INDEX ON SP156 SIZE 224K,
    BASE ON SP156 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_313_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_313_DSI
ALLOCATE INDEX ON SP157 SIZE 224K,
    BASE ON SP157 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_314_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_314_DSI
ALLOCATE INDEX ON SP157 SIZE 224K,
    BASE ON SP157 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_315_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_315_DSI
ALLOCATE INDEX ON SP158 SIZE 224K,
    BASE ON SP158 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_316_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_316_DSI
ALLOCATE INDEX ON SP158 SIZE 224K,
    BASE ON SP158 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_317_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_317_DSI
ALLOCATE INDEX ON SP159 SIZE 224K,
    BASE ON SP159 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_318_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_318_DSI
ALLOCATE INDEX ON SP159 SIZE 224K,
    BASE ON SP159 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_319_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_319_DSI
ALLOCATE INDEX ON SP160 SIZE 224K,
    BASE ON SP160 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_320_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_320_DSI
ALLOCATE INDEX ON SP160 SIZE 224K,
    BASE ON SP160 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_321_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_321_DSI
ALLOCATE INDEX ON SP161 SIZE 224K,
    BASE ON SP161 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_322_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_322_DSI
ALLOCATE INDEX ON SP161 SIZE 224K,
    BASE ON SP161 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_323_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_323_DSI
ALLOCATE INDEX ON SP162 SIZE 224K,
    BASE ON SP162 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_324_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_324_DSI
ALLOCATE INDEX ON SP162 SIZE 224K,
    BASE ON SP162 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_325_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_325_DSI
ALLOCATE INDEX ON SP163 SIZE 224K,
    BASE ON SP163 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_326_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_326_DSI
ALLOCATE INDEX ON SP163 SIZE 224K,
    BASE ON SP163 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_327_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_327_DSI
ALLOCATE INDEX ON SP164 SIZE 224K,
    BASE ON SP164 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_328_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_328_DSI
ALLOCATE INDEX ON SP164 SIZE 224K,
    BASE ON SP164 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_329_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_329_DSI
ALLOCATE INDEX ON SP165 SIZE 224K,
    BASE ON SP165 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_330_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_330_DSI
ALLOCATE INDEX ON SP165 SIZE 224K,
    BASE ON SP165 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_331_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_331_DSI
ALLOCATE INDEX ON SP166 SIZE 224K,
    BASE ON SP166 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_332_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_332_DSI
ALLOCATE INDEX ON SP166 SIZE 224K,
    BASE ON SP166 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_333_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_333_DSI
ALLOCATE INDEX ON SP167 SIZE 224K,
    BASE ON SP167 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_334_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_334_DSI
ALLOCATE INDEX ON SP167 SIZE 224K,
    BASE ON SP167 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_335_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_335_DSI
ALLOCATE INDEX ON SP168 SIZE 224K,
    BASE ON SP168 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_336_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_336_DSI
ALLOCATE INDEX ON SP168 SIZE 224K,
    BASE ON SP168 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_337_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_337_DSI
ALLOCATE INDEX ON SP169 SIZE 224K,
    BASE ON SP169 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_338_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_338_DSI
ALLOCATE INDEX ON SP169 SIZE 224K,
    BASE ON SP169 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_339_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_339_DSI
ALLOCATE INDEX ON SP170 SIZE 224K,
    BASE ON SP170 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_340_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_340_DSI
ALLOCATE INDEX ON SP170 SIZE 224K,
BASE ON SP170 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_341_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_341_DSI
ALLOCATE INDEX ON SP171 SIZE 224K,
BASE ON SP171 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_342_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_342_DSI
ALLOCATE INDEX ON SP171 SIZE 224K,
BASE ON SP171 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_343_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_343_DSI
ALLOCATE INDEX ON SP172 SIZE 224K,
BASE ON SP172 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_344_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_344_DSI
ALLOCATE INDEX ON SP172 SIZE 224K,
BASE ON SP172 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_345_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_345_DSI
ALLOCATE INDEX ON SP173 SIZE 224K,
BASE ON SP173 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_346_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_346_DSI
ALLOCATE INDEX ON SP173 SIZE 224K,
BASE ON SP173 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_347_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_347_DSI
ALLOCATE INDEX ON SP174 SIZE 224K,
BASE ON SP174 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_348_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_348_DSI
ALLOCATE INDEX ON SP174 SIZE 224K,
BASE ON SP174 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_349_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_349_DSI
ALLOCATE INDEX ON SP175 SIZE 224K,
BASE ON SP175 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_350_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_350_DSI
ALLOCATE INDEX ON SP175 SIZE 224K,
BASE ON SP175 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_351_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_351_DSI
ALLOCATE INDEX ON SP176 SIZE 224K,
BASE ON SP176 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_352_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_352_DSI
ALLOCATE INDEX ON SP176 SIZE 224K,
BASE ON SP176 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_353_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_353_DSI
ALLOCATE INDEX ON SP177 SIZE 224K,
BASE ON SP177 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_354_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_354_DSI
ALLOCATE INDEX ON SP177 SIZE 224K,
BASE ON SP177 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_355_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_355_DSI
ALLOCATE INDEX ON SP178 SIZE 224K,
BASE ON SP178 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_356_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_356_DSI
ALLOCATE INDEX ON SP178 SIZE 224K,
BASE ON SP178 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_357_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_357_DSI
ALLOCATE INDEX ON SP179 SIZE 224K,
BASE ON SP179 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_358_DSI
```



```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_358_DSI
ALLOCATE INDEX ON SP179 SIZE 224K,
    BASE ON SP179 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_359_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_359_DSI
ALLOCATE INDEX ON SP180 SIZE 224K,
    BASE ON SP180 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_360_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_360_DSI
ALLOCATE INDEX ON SP180 SIZE 224K,
    BASE ON SP180 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_361_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_361_DSI
ALLOCATE INDEX ON SP181 SIZE 224K,
    BASE ON SP181 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_362_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_362_DSI
ALLOCATE INDEX ON SP181 SIZE 224K,
    BASE ON SP181 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_363_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_363_DSI
ALLOCATE INDEX ON SP182 SIZE 224K,
    BASE ON SP182 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_364_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_364_DSI
ALLOCATE INDEX ON SP182 SIZE 224K,
    BASE ON SP182 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_365_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_365_DSI
ALLOCATE INDEX ON SP183 SIZE 224K,
    BASE ON SP183 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_366_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_366_DSI
ALLOCATE INDEX ON SP183 SIZE 224K,
    BASE ON SP183 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_367_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_367_DSI
ALLOCATE INDEX ON SP184 SIZE 224K,
    BASE ON SP184 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_368_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_368_DSI
ALLOCATE INDEX ON SP184 SIZE 224K,
    BASE ON SP184 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_369_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_369_DSI
ALLOCATE INDEX ON SP185 SIZE 224K,
    BASE ON SP185 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_370_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_370_DSI
ALLOCATE INDEX ON SP185 SIZE 224K,
    BASE ON SP185 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_371_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_371_DSI
ALLOCATE INDEX ON SP186 SIZE 224K,
    BASE ON SP186 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_372_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_372_DSI
ALLOCATE INDEX ON SP186 SIZE 224K,
    BASE ON SP186 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_373_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_373_DSI
ALLOCATE INDEX ON SP187 SIZE 224K,
    BASE ON SP187 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_374_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_374_DSI
ALLOCATE INDEX ON SP187 SIZE 224K,
    BASE ON SP187 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_375_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_375_DSI
ALLOCATE INDEX ON SP188 SIZE 224K,
    BASE ON SP188 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_376_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_376_DSI
ALLOCATE INDEX ON SP188 SIZE 224K,
BASE ON SP188 SIZE 8416K;

CREATE DSI CUSTOMER_X_377_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_377_DSI
ALLOCATE INDEX ON SP189 SIZE 224K,
BASE ON SP189 SIZE 8416K;

CREATE DSI CUSTOMER_X_378_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_378_DSI
ALLOCATE INDEX ON SP189 SIZE 224K,
BASE ON SP189 SIZE 8416K;

CREATE DSI CUSTOMER_X_379_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_379_DSI
ALLOCATE INDEX ON SP190 SIZE 224K,
BASE ON SP190 SIZE 8416K;

CREATE DSI CUSTOMER_X_380_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_380_DSI
ALLOCATE INDEX ON SP190 SIZE 224K,
BASE ON SP190 SIZE 8416K;

CREATE DSI CUSTOMER_X_381_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_381_DSI
ALLOCATE INDEX ON SP191 SIZE 224K,
BASE ON SP191 SIZE 8416K;

CREATE DSI CUSTOMER_X_382_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_382_DSI
ALLOCATE INDEX ON SP191 SIZE 224K,
BASE ON SP191 SIZE 8416K;

CREATE DSI CUSTOMER_X_383_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_383_DSI
ALLOCATE INDEX ON SP192 SIZE 224K,
BASE ON SP192 SIZE 8416K;

CREATE DSI CUSTOMER_X_384_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_384_DSI
ALLOCATE INDEX ON SP192 SIZE 224K,
BASE ON SP192 SIZE 8416K;

CREATE DSI CUSTOMER_X_385_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_385_DSI
ALLOCATE INDEX ON SP193 SIZE 224K,
BASE ON SP193 SIZE 8416K;

CREATE DSI CUSTOMER_X_386_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_386_DSI
ALLOCATE INDEX ON SP193 SIZE 224K,
BASE ON SP193 SIZE 8416K;

CREATE DSI CUSTOMER_X_387_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_387_DSI
ALLOCATE INDEX ON SP194 SIZE 224K,
BASE ON SP194 SIZE 8416K;

CREATE DSI CUSTOMER_X_388_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_388_DSI
ALLOCATE INDEX ON SP194 SIZE 224K,
BASE ON SP194 SIZE 8416K;

CREATE DSI CUSTOMER_X_389_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_389_DSI
ALLOCATE INDEX ON SP195 SIZE 224K,
BASE ON SP195 SIZE 8416K;

CREATE DSI CUSTOMER_X_390_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_390_DSI
ALLOCATE INDEX ON SP195 SIZE 224K,
BASE ON SP195 SIZE 8416K;

CREATE DSI CUSTOMER_X_391_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_391_DSI
ALLOCATE INDEX ON SP196 SIZE 224K,
BASE ON SP196 SIZE 8416K;

CREATE DSI CUSTOMER_X_392_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_392_DSI
ALLOCATE INDEX ON SP196 SIZE 224K,
BASE ON SP196 SIZE 8416K;

CREATE DSI CUSTOMER_X_393_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_393_DSI
ALLOCATE INDEX ON SP197 SIZE 224K,
BASE ON SP197 SIZE 8416K;

CREATE DSI CUSTOMER_X_394_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_394_DSI
ALLOCATE INDEX ON SP197 SIZE 224K,
    BASE ON SP197 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_395_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_395_DSI
ALLOCATE INDEX ON SP198 SIZE 224K,
    BASE ON SP198 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_396_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_396_DSI
ALLOCATE INDEX ON SP198 SIZE 224K,
    BASE ON SP198 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_397_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_397_DSI
ALLOCATE INDEX ON SP199 SIZE 224K,
    BASE ON SP199 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_398_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_398_DSI
ALLOCATE INDEX ON SP199 SIZE 224K,
    BASE ON SP199 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_399_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_399_DSI
ALLOCATE INDEX ON SP200 SIZE 224K,
    BASE ON SP200 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_400_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_400_DSI
ALLOCATE INDEX ON SP200 SIZE 224K,
    BASE ON SP200 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_401_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_401_DSI
ALLOCATE INDEX ON SP201 SIZE 224K,
    BASE ON SP201 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_402_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_402_DSI
ALLOCATE INDEX ON SP201 SIZE 224K,
    BASE ON SP201 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_403_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_403_DSI
ALLOCATE INDEX ON SP202 SIZE 224K,
    BASE ON SP202 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_404_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_404_DSI
ALLOCATE INDEX ON SP202 SIZE 224K,
    BASE ON SP202 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_405_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_405_DSI
ALLOCATE INDEX ON SP203 SIZE 224K,
    BASE ON SP203 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_406_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_406_DSI
ALLOCATE INDEX ON SP203 SIZE 224K,
    BASE ON SP203 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_407_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_407_DSI
ALLOCATE INDEX ON SP204 SIZE 224K,
    BASE ON SP204 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_408_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_408_DSI
ALLOCATE INDEX ON SP204 SIZE 224K,
    BASE ON SP204 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_409_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_409_DSI
ALLOCATE INDEX ON SP205 SIZE 224K,
    BASE ON SP205 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_410_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_410_DSI
ALLOCATE INDEX ON SP205 SIZE 224K,
    BASE ON SP205 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_411_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_411_DSI
ALLOCATE INDEX ON SP206 SIZE 224K,
    BASE ON SP206 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_412_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_412_DSI
ALLOCATE INDEX ON SP206 SIZE 224K,
BASE ON SP206 SIZE 8416K;

CREATE DSI CUSTOMER_X_413_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_413_DSI
ALLOCATE INDEX ON SP207 SIZE 224K,
BASE ON SP207 SIZE 8416K;

CREATE DSI CUSTOMER_X_414_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_414_DSI
ALLOCATE INDEX ON SP207 SIZE 224K,
BASE ON SP207 SIZE 8416K;

CREATE DSI CUSTOMER_X_415_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_415_DSI
ALLOCATE INDEX ON SP208 SIZE 224K,
BASE ON SP208 SIZE 8416K;

CREATE DSI CUSTOMER_X_416_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_416_DSI
ALLOCATE INDEX ON SP208 SIZE 224K,
BASE ON SP208 SIZE 8416K;

CREATE DSI CUSTOMER_X_417_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_417_DSI
ALLOCATE INDEX ON SP209 SIZE 224K,
BASE ON SP209 SIZE 8416K;

CREATE DSI CUSTOMER_X_418_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_418_DSI
ALLOCATE INDEX ON SP209 SIZE 224K,
BASE ON SP209 SIZE 8416K;

CREATE DSI CUSTOMER_X_419_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_419_DSI
ALLOCATE INDEX ON SP210 SIZE 224K,
BASE ON SP210 SIZE 8416K;

CREATE DSI CUSTOMER_X_420_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_420_DSI
ALLOCATE INDEX ON SP210 SIZE 224K,
BASE ON SP210 SIZE 8416K;

CREATE DSI CUSTOMER_X_421_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_421_DSI
ALLOCATE INDEX ON SP211 SIZE 224K,
BASE ON SP211 SIZE 8416K;

CREATE DSI CUSTOMER_X_422_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_422_DSI
ALLOCATE INDEX ON SP211 SIZE 224K,
BASE ON SP211 SIZE 8416K;

CREATE DSI CUSTOMER_X_423_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_423_DSI
ALLOCATE INDEX ON SP212 SIZE 224K,
BASE ON SP212 SIZE 8416K;

CREATE DSI CUSTOMER_X_424_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_424_DSI
ALLOCATE INDEX ON SP212 SIZE 224K,
BASE ON SP212 SIZE 8416K;

CREATE DSI CUSTOMER_X_425_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_425_DSI
ALLOCATE INDEX ON SP213 SIZE 224K,
BASE ON SP213 SIZE 8416K;

CREATE DSI CUSTOMER_X_426_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_426_DSI
ALLOCATE INDEX ON SP213 SIZE 224K,
BASE ON SP213 SIZE 8416K;

CREATE DSI CUSTOMER_X_427_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_427_DSI
ALLOCATE INDEX ON SP214 SIZE 224K,
BASE ON SP214 SIZE 8416K;

CREATE DSI CUSTOMER_X_428_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_428_DSI
ALLOCATE INDEX ON SP214 SIZE 224K,
BASE ON SP214 SIZE 8416K;

CREATE DSI CUSTOMER_X_429_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_429_DSI
ALLOCATE INDEX ON SP215 SIZE 224K,
BASE ON SP215 SIZE 8416K;

CREATE DSI CUSTOMER_X_430_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_430_DSI
ALLOCATE INDEX ON SP215 SIZE 224K,
    BASE ON SP215 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_431_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_431_DSI
ALLOCATE INDEX ON SP216 SIZE 224K,
    BASE ON SP216 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_432_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_432_DSI
ALLOCATE INDEX ON SP216 SIZE 224K,
    BASE ON SP216 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_433_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_433_DSI
ALLOCATE INDEX ON SP217 SIZE 224K,
    BASE ON SP217 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_434_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_434_DSI
ALLOCATE INDEX ON SP217 SIZE 224K,
    BASE ON SP217 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_435_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_435_DSI
ALLOCATE INDEX ON SP218 SIZE 224K,
    BASE ON SP218 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_436_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_436_DSI
ALLOCATE INDEX ON SP218 SIZE 224K,
    BASE ON SP218 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_437_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_437_DSI
ALLOCATE INDEX ON SP219 SIZE 224K,
    BASE ON SP219 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_438_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_438_DSI
ALLOCATE INDEX ON SP219 SIZE 224K,
    BASE ON SP219 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_439_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_439_DSI
ALLOCATE INDEX ON SP220 SIZE 224K,
    BASE ON SP220 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_440_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_440_DSI
ALLOCATE INDEX ON SP220 SIZE 224K,
    BASE ON SP220 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_441_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_441_DSI
ALLOCATE INDEX ON SP221 SIZE 224K,
    BASE ON SP221 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_442_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_442_DSI
ALLOCATE INDEX ON SP221 SIZE 224K,
    BASE ON SP221 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_443_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_443_DSI
ALLOCATE INDEX ON SP222 SIZE 224K,
    BASE ON SP222 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_444_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_444_DSI
ALLOCATE INDEX ON SP222 SIZE 224K,
    BASE ON SP222 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_445_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_445_DSI
ALLOCATE INDEX ON SP223 SIZE 224K,
    BASE ON SP223 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_446_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_446_DSI
ALLOCATE INDEX ON SP223 SIZE 224K,
    BASE ON SP223 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_447_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_447_DSI
ALLOCATE INDEX ON SP224 SIZE 224K,
    BASE ON SP224 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_448_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_448_DSI
ALLOCATE INDEX ON SP224 SIZE 224K,
    BASE ON SP224 SIZE 8416K;

CREATE DSI CUSTOMER_X_449_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_449_DSI
ALLOCATE INDEX ON SP225 SIZE 224K,
    BASE ON SP225 SIZE 8416K;

CREATE DSI CUSTOMER_X_450_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_450_DSI
ALLOCATE INDEX ON SP225 SIZE 224K,
    BASE ON SP225 SIZE 8416K;

CREATE DSI CUSTOMER_X_451_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_451_DSI
ALLOCATE INDEX ON SP226 SIZE 224K,
    BASE ON SP226 SIZE 8416K;

CREATE DSI CUSTOMER_X_452_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_452_DSI
ALLOCATE INDEX ON SP226 SIZE 224K,
    BASE ON SP226 SIZE 8416K;

CREATE DSI CUSTOMER_X_453_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_453_DSI
ALLOCATE INDEX ON SP227 SIZE 224K,
    BASE ON SP227 SIZE 8416K;

CREATE DSI CUSTOMER_X_454_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_454_DSI
ALLOCATE INDEX ON SP227 SIZE 224K,
    BASE ON SP227 SIZE 8416K;

CREATE DSI CUSTOMER_X_455_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_455_DSI
ALLOCATE INDEX ON SP228 SIZE 224K,
    BASE ON SP228 SIZE 8416K;

CREATE DSI CUSTOMER_X_456_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_456_DSI
ALLOCATE INDEX ON SP228 SIZE 224K,
    BASE ON SP228 SIZE 8416K;

CREATE DSI CUSTOMER_X_457_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_457_DSI
ALLOCATE INDEX ON SP229 SIZE 224K,
    BASE ON SP229 SIZE 8416K;

CREATE DSI CUSTOMER_X_458_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_458_DSI
ALLOCATE INDEX ON SP229 SIZE 224K,
    BASE ON SP229 SIZE 8416K;

CREATE DSI CUSTOMER_X_459_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_459_DSI
ALLOCATE INDEX ON SP230 SIZE 224K,
    BASE ON SP230 SIZE 8416K;

CREATE DSI CUSTOMER_X_460_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_460_DSI
ALLOCATE INDEX ON SP230 SIZE 224K,
    BASE ON SP230 SIZE 8416K;

CREATE DSI CUSTOMER_X_461_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_461_DSI
ALLOCATE INDEX ON SP231 SIZE 224K,
    BASE ON SP231 SIZE 8416K;

CREATE DSI CUSTOMER_X_462_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_462_DSI
ALLOCATE INDEX ON SP231 SIZE 224K,
    BASE ON SP231 SIZE 8416K;

CREATE DSI CUSTOMER_X_463_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_463_DSI
ALLOCATE INDEX ON SP232 SIZE 224K,
    BASE ON SP232 SIZE 8416K;

CREATE DSI CUSTOMER_X_464_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_464_DSI
ALLOCATE INDEX ON SP232 SIZE 224K,
    BASE ON SP232 SIZE 8416K;

CREATE DSI CUSTOMER_X_465_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_465_DSI
ALLOCATE INDEX ON SP233 SIZE 224K,
    BASE ON SP233 SIZE 8416K;

CREATE DSI CUSTOMER_X_466_DSI
```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_466_DSI
ALLOCATE INDEX ON SP233 SIZE 224K,
    BASE ON SP233 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_467_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_467_DSI
ALLOCATE INDEX ON SP234 SIZE 224K,
    BASE ON SP234 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_468_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_468_DSI
ALLOCATE INDEX ON SP234 SIZE 224K,
    BASE ON SP234 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_469_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_469_DSI
ALLOCATE INDEX ON SP235 SIZE 224K,
    BASE ON SP235 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_470_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_470_DSI
ALLOCATE INDEX ON SP235 SIZE 224K,
    BASE ON SP235 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_471_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_471_DSI
ALLOCATE INDEX ON SP236 SIZE 224K,
    BASE ON SP236 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_472_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_472_DSI
ALLOCATE INDEX ON SP236 SIZE 224K,
    BASE ON SP236 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_473_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_473_DSI
ALLOCATE INDEX ON SP237 SIZE 224K,
    BASE ON SP237 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_474_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_474_DSI
ALLOCATE INDEX ON SP237 SIZE 224K,
    BASE ON SP237 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_475_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_475_DSI
ALLOCATE INDEX ON SP238 SIZE 224K,
    BASE ON SP238 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_476_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_476_DSI
ALLOCATE INDEX ON SP238 SIZE 224K,
    BASE ON SP238 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_477_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_477_DSI
ALLOCATE INDEX ON SP239 SIZE 224K,
    BASE ON SP239 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_478_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_478_DSI
ALLOCATE INDEX ON SP239 SIZE 224K,
    BASE ON SP239 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_479_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_479_DSI
ALLOCATE INDEX ON SP240 SIZE 224K,
    BASE ON SP240 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_480_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_480_DSI
ALLOCATE INDEX ON SP240 SIZE 224K,
    BASE ON SP240 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_481_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_481_DSI
ALLOCATE INDEX ON SP241 SIZE 224K,
    BASE ON SP241 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_482_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_482_DSI
ALLOCATE INDEX ON SP241 SIZE 224K,
    BASE ON SP241 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_483_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_483_DSI
ALLOCATE INDEX ON SP242 SIZE 224K,
    BASE ON SP242 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_484_DSI

```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_484_DSI
ALLOCATE INDEX ON SP242 SIZE 224K,
BASE ON SP242 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_485_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_485_DSI
ALLOCATE INDEX ON SP243 SIZE 224K,
BASE ON SP243 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_486_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_486_DSI
ALLOCATE INDEX ON SP243 SIZE 224K,
BASE ON SP243 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_487_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_487_DSI
ALLOCATE INDEX ON SP244 SIZE 224K,
BASE ON SP244 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_488_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_488_DSI
ALLOCATE INDEX ON SP244 SIZE 224K,
BASE ON SP244 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_489_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_489_DSI
ALLOCATE INDEX ON SP245 SIZE 224K,
BASE ON SP245 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_490_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_490_DSI
ALLOCATE INDEX ON SP245 SIZE 224K,
BASE ON SP245 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_491_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_491_DSI
ALLOCATE INDEX ON SP246 SIZE 224K,
BASE ON SP246 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_492_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_492_DSI
ALLOCATE INDEX ON SP246 SIZE 224K,
BASE ON SP246 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_493_DSI
```

```
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_493_DSI
ALLOCATE INDEX ON SP247 SIZE 224K,
BASE ON SP247 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_494_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_494_DSI
ALLOCATE INDEX ON SP247 SIZE 224K,
BASE ON SP247 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_495_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_495_DSI
ALLOCATE INDEX ON SP248 SIZE 224K,
BASE ON SP248 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_496_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_496_DSI
ALLOCATE INDEX ON SP248 SIZE 224K,
BASE ON SP248 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_497_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_497_DSI
ALLOCATE INDEX ON SP249 SIZE 224K,
BASE ON SP249 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_498_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_498_DSI
ALLOCATE INDEX ON SP249 SIZE 224K,
BASE ON SP249 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_499_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_499_DSI
ALLOCATE INDEX ON SP250 SIZE 224K,
BASE ON SP250 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_500_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_500_DSI
ALLOCATE INDEX ON SP250 SIZE 224K,
BASE ON SP250 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_501_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_501_DSI
ALLOCATE INDEX ON SP251 SIZE 224K,
BASE ON SP251 SIZE 8416K;
```

```
CREATE DSI CUSTOMER_X_502_DSI
```



```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_502_DSI
ALLOCATE INDEX ON SP251 SIZE 224K,
    BASE ON SP251 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_503_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_503_DSI
ALLOCATE INDEX ON SP252 SIZE 224K,
    BASE ON SP252 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_504_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_504_DSI
ALLOCATE INDEX ON SP252 SIZE 224K,
    BASE ON SP252 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_505_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_505_DSI
ALLOCATE INDEX ON SP253 SIZE 224K,
    BASE ON SP253 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_506_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_506_DSI
ALLOCATE INDEX ON SP253 SIZE 224K,
    BASE ON SP253 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_507_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_507_DSI
ALLOCATE INDEX ON SP254 SIZE 224K,
    BASE ON SP254 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_508_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_508_DSI
ALLOCATE INDEX ON SP254 SIZE 224K,
    BASE ON SP254 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_509_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_509_DSI
ALLOCATE INDEX ON SP255 SIZE 224K,
    BASE ON SP255 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_510_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_510_DSI
ALLOCATE INDEX ON SP255 SIZE 224K,
    BASE ON SP255 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_511_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_511_DSI
ALLOCATE INDEX ON SP256 SIZE 224K,
    BASE ON SP256 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_512_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_512_DSI
ALLOCATE INDEX ON SP256 SIZE 224K,
    BASE ON SP256 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_513_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_513_DSI
ALLOCATE INDEX ON SP257 SIZE 224K,
    BASE ON SP257 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_514_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_514_DSI
ALLOCATE INDEX ON SP257 SIZE 224K,
    BASE ON SP257 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_515_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_515_DSI
ALLOCATE INDEX ON SP258 SIZE 224K,
    BASE ON SP258 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_516_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_516_DSI
ALLOCATE INDEX ON SP258 SIZE 224K,
    BASE ON SP258 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_517_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_517_DSI
ALLOCATE INDEX ON SP259 SIZE 224K,
    BASE ON SP259 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_518_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_518_DSI
ALLOCATE INDEX ON SP259 SIZE 224K,
    BASE ON SP259 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_519_DSI
INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_519_DSI
ALLOCATE INDEX ON SP260 SIZE 224K,
    BASE ON SP260 SIZE 8416K;

```

```

CREATE DSI CUSTOMER_X_520_DSI

```

```

INDEX
DSO CUSTOMER_IX_DSO
BASE CUSTOMER_520_DSI
ALLOCATE INDEX ON SP260 SIZE 224K,
BASE ON SP260 SIZE 8416K;

```

-- * Phase.2-3a: Customer

```

CREATE DSO CUSTOMER_DSO
FROM TPCC_SCHEMA.CUSTOMER
TYPE RANDOM(PAGESIZE1(1),PAGESIZE2(1),
RULE(C_ID*110+C_W_ID*10+C_D_ID))
WHERE (C_W_ID) BETWEEN (?) AND (?);

```

```

CREATE DSI CUSTOMER_1_DSI
DSO CUSTOMER_DSO
USING(1,11)
ALLOCATE PRIME ON SP1 SIZE 330001K,
OVERFLOW ON SP1 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_2_DSI
DSO CUSTOMER_DSO
USING(12,22)
ALLOCATE PRIME ON SP1 SIZE 330001K,
OVERFLOW ON SP1 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_3_DSI
DSO CUSTOMER_DSO
USING(23,33)
ALLOCATE PRIME ON SP2 SIZE 330001K,
OVERFLOW ON SP2 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_4_DSI
DSO CUSTOMER_DSO
USING(34,44)
ALLOCATE PRIME ON SP2 SIZE 330001K,
OVERFLOW ON SP2 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_5_DSI
DSO CUSTOMER_DSO
USING(45,55)
ALLOCATE PRIME ON SP3 SIZE 330001K,
OVERFLOW ON SP3 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_6_DSI
DSO CUSTOMER_DSO
USING(56,66)
ALLOCATE PRIME ON SP3 SIZE 330001K,
OVERFLOW ON SP3 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_7_DSI
DSO CUSTOMER_DSO
USING(67,77)
ALLOCATE PRIME ON SP4 SIZE 330001K,
OVERFLOW ON SP4 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_8_DSI
DSO CUSTOMER_DSO
USING(78,88)
ALLOCATE PRIME ON SP4 SIZE 330001K,
OVERFLOW ON SP4 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_9_DSI
DSO CUSTOMER_DSO
USING(89,99)
ALLOCATE PRIME ON SP5 SIZE 330001K,
OVERFLOW ON SP5 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_10_DSI
DSO CUSTOMER_DSO
USING(100,110)
ALLOCATE PRIME ON SP5 SIZE 330001K,
OVERFLOW ON SP5 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_11_DSI
DSO CUSTOMER_DSO
USING(111,121)
ALLOCATE PRIME ON SP6 SIZE 330001K,
OVERFLOW ON SP6 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_12_DSI
DSO CUSTOMER_DSO
USING(122,132)
ALLOCATE PRIME ON SP6 SIZE 330001K,
OVERFLOW ON SP6 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_13_DSI
DSO CUSTOMER_DSO
USING(133,143)
ALLOCATE PRIME ON SP7 SIZE 330001K,
OVERFLOW ON SP7 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_14_DSI
DSO CUSTOMER_DSO
USING(144,154)
ALLOCATE PRIME ON SP7 SIZE 330001K,
OVERFLOW ON SP7 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_15_DSI
DSO CUSTOMER_DSO
USING(155,165)
ALLOCATE PRIME ON SP8 SIZE 330001K,
OVERFLOW ON SP8 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_16_DSI
DSO CUSTOMER_DSO
USING(166,176)
ALLOCATE PRIME ON SP8 SIZE 330001K,
OVERFLOW ON SP8 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_17_DSI
DSO CUSTOMER_DSO
USING(177,187)
ALLOCATE PRIME ON SP9 SIZE 330001K,
OVERFLOW ON SP9 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_18_DSI
DSO CUSTOMER_DSO
USING(188,198)
ALLOCATE PRIME ON SP9 SIZE 330001K,
OVERFLOW ON SP9 SIZE 16501K;

```

```

CREATE DSI CUSTOMER_19_DSI
DSO CUSTOMER_DSO
USING(199,209)

```

```
    ALLOCATE PRIME ON SP10 SIZE 330001K,  
    OVERFLOW ON SP10 SIZE 16501K;  
  
CREATE DSI CUSTOMER_20_DSI  
DSO CUSTOMER_DSO  
USING(210,220)  
ALLOCATE PRIME ON SP10 SIZE 330001K,  
OVERFLOW ON SP10 SIZE 16501K;  
  
CREATE DSI CUSTOMER_21_DSI  
DSO CUSTOMER_DSO  
USING(221,231)  
ALLOCATE PRIME ON SP11 SIZE 330001K,  
OVERFLOW ON SP11 SIZE 16501K;  
  
CREATE DSI CUSTOMER_22_DSI  
DSO CUSTOMER_DSO  
USING(232,242)  
ALLOCATE PRIME ON SP11 SIZE 330001K,  
OVERFLOW ON SP11 SIZE 16501K;  
  
CREATE DSI CUSTOMER_23_DSI  
DSO CUSTOMER_DSO  
USING(243,253)  
ALLOCATE PRIME ON SP12 SIZE 330001K,  
OVERFLOW ON SP12 SIZE 16501K;  
  
CREATE DSI CUSTOMER_24_DSI  
DSO CUSTOMER_DSO  
USING(254,264)  
ALLOCATE PRIME ON SP12 SIZE 330001K,  
OVERFLOW ON SP12 SIZE 16501K;  
  
CREATE DSI CUSTOMER_25_DSI  
DSO CUSTOMER_DSO  
USING(265,275)  
ALLOCATE PRIME ON SP13 SIZE 330001K,  
OVERFLOW ON SP13 SIZE 16501K;  
  
CREATE DSI CUSTOMER_26_DSI  
DSO CUSTOMER_DSO  
USING(276,286)  
ALLOCATE PRIME ON SP13 SIZE 330001K,  
OVERFLOW ON SP13 SIZE 16501K;  
  
CREATE DSI CUSTOMER_27_DSI  
DSO CUSTOMER_DSO  
USING(287,297)  
ALLOCATE PRIME ON SP14 SIZE 330001K,  
OVERFLOW ON SP14 SIZE 16501K;  
  
CREATE DSI CUSTOMER_28_DSI  
DSO CUSTOMER_DSO  
USING(298,308)  
ALLOCATE PRIME ON SP14 SIZE 330001K,  
OVERFLOW ON SP14 SIZE 16501K;  
  
CREATE DSI CUSTOMER_29_DSI  
DSO CUSTOMER_DSO  
USING(309,319)  
ALLOCATE PRIME ON SP15 SIZE 330001K,  
OVERFLOW ON SP15 SIZE 16501K;  
  
CREATE DSI CUSTOMER_30_DSI  
DSO CUSTOMER_DSO  
USING(320,330)  
ALLOCATE PRIME ON SP15 SIZE 330001K,  
OVERFLOW ON SP15 SIZE 16501K;  
  
CREATE DSI CUSTOMER_31_DSI  
DSO CUSTOMER_DSO  
USING(331,341)  
ALLOCATE PRIME ON SP16 SIZE 330001K,  
OVERFLOW ON SP16 SIZE 16501K;  
  
CREATE DSI CUSTOMER_32_DSI  
DSO CUSTOMER_DSO  
USING(342,352)  
ALLOCATE PRIME ON SP16 SIZE 330001K,  
OVERFLOW ON SP16 SIZE 16501K;  
  
CREATE DSI CUSTOMER_33_DSI  
DSO CUSTOMER_DSO  
USING(353,363)  
ALLOCATE PRIME ON SP17 SIZE 330001K,  
OVERFLOW ON SP17 SIZE 16501K;  
  
CREATE DSI CUSTOMER_34_DSI  
DSO CUSTOMER_DSO  
USING(364,374)  
ALLOCATE PRIME ON SP17 SIZE 330001K,  
OVERFLOW ON SP17 SIZE 16501K;  
  
CREATE DSI CUSTOMER_35_DSI  
DSO CUSTOMER_DSO  
USING(375,385)  
ALLOCATE PRIME ON SP18 SIZE 330001K,  
OVERFLOW ON SP18 SIZE 16501K;  
  
CREATE DSI CUSTOMER_36_DSI  
DSO CUSTOMER_DSO  
USING(386,396)  
ALLOCATE PRIME ON SP18 SIZE 330001K,  
OVERFLOW ON SP18 SIZE 16501K;  
  
CREATE DSI CUSTOMER_37_DSI  
DSO CUSTOMER_DSO  
USING(397,407)  
ALLOCATE PRIME ON SP19 SIZE 330001K,  
OVERFLOW ON SP19 SIZE 16501K;  
  
CREATE DSI CUSTOMER_38_DSI  
DSO CUSTOMER_DSO  
USING(408,418)  
ALLOCATE PRIME ON SP19 SIZE 330001K,  
OVERFLOW ON SP19 SIZE 16501K;  
  
CREATE DSI CUSTOMER_39_DSI  
DSO CUSTOMER_DSO  
USING(419,429)  
ALLOCATE PRIME ON SP20 SIZE 330001K,  
OVERFLOW ON SP20 SIZE 16501K;  
  
CREATE DSI CUSTOMER_40_DSI  
DSO CUSTOMER_DSO  
USING(430,440)
```

```

    ALLOCATE PRIME  ON SP20 SIZE 330001K,
    OVERFLOW ON SP20 SIZE 16501K;

CREATE DSI CUSTOMER_41_DSI
DSO CUSTOMER_DSO
USING(441,451)
ALLOCATE PRIME  ON SP21 SIZE 330001K,
OVERFLOW ON SP21 SIZE 16501K;

CREATE DSI CUSTOMER_42_DSI
DSO CUSTOMER_DSO
USING(452,462)
ALLOCATE PRIME  ON SP21 SIZE 330001K,
OVERFLOW ON SP21 SIZE 16501K;

CREATE DSI CUSTOMER_43_DSI
DSO CUSTOMER_DSO
USING(463,473)
ALLOCATE PRIME  ON SP22 SIZE 330001K,
OVERFLOW ON SP22 SIZE 16501K;

CREATE DSI CUSTOMER_44_DSI
DSO CUSTOMER_DSO
USING(474,484)
ALLOCATE PRIME  ON SP22 SIZE 330001K,
OVERFLOW ON SP22 SIZE 16501K;

CREATE DSI CUSTOMER_45_DSI
DSO CUSTOMER_DSO
USING(485,495)
ALLOCATE PRIME  ON SP23 SIZE 330001K,
OVERFLOW ON SP23 SIZE 16501K;

CREATE DSI CUSTOMER_46_DSI
DSO CUSTOMER_DSO
USING(496,506)
ALLOCATE PRIME  ON SP23 SIZE 330001K,
OVERFLOW ON SP23 SIZE 16501K;

CREATE DSI CUSTOMER_47_DSI
DSO CUSTOMER_DSO
USING(507,517)
ALLOCATE PRIME  ON SP24 SIZE 330001K,
OVERFLOW ON SP24 SIZE 16501K;

CREATE DSI CUSTOMER_48_DSI
DSO CUSTOMER_DSO
USING(518,528)
ALLOCATE PRIME  ON SP24 SIZE 330001K,
OVERFLOW ON SP24 SIZE 16501K;

CREATE DSI CUSTOMER_49_DSI
DSO CUSTOMER_DSO
USING(529,539)
ALLOCATE PRIME  ON SP25 SIZE 330001K,
OVERFLOW ON SP25 SIZE 16501K;

CREATE DSI CUSTOMER_50_DSI
DSO CUSTOMER_DSO
USING(540,550)
ALLOCATE PRIME  ON SP25 SIZE 330001K,
OVERFLOW ON SP25 SIZE 16501K;

CREATE DSI CUSTOMER_51_DSI
DSO CUSTOMER_DSO
USING(551,561)
ALLOCATE PRIME  ON SP26 SIZE 330001K,
OVERFLOW ON SP26 SIZE 16501K;

CREATE DSI CUSTOMER_52_DSI
DSO CUSTOMER_DSO
USING(562,572)
ALLOCATE PRIME  ON SP26 SIZE 330001K,
OVERFLOW ON SP26 SIZE 16501K;

CREATE DSI CUSTOMER_53_DSI
DSO CUSTOMER_DSO
USING(573,583)
ALLOCATE PRIME  ON SP27 SIZE 330001K,
OVERFLOW ON SP27 SIZE 16501K;

CREATE DSI CUSTOMER_54_DSI
DSO CUSTOMER_DSO
USING(584,594)
ALLOCATE PRIME  ON SP27 SIZE 330001K,
OVERFLOW ON SP27 SIZE 16501K;

CREATE DSI CUSTOMER_55_DSI
DSO CUSTOMER_DSO
USING(595,605)
ALLOCATE PRIME  ON SP28 SIZE 330001K,
OVERFLOW ON SP28 SIZE 16501K;

CREATE DSI CUSTOMER_56_DSI
DSO CUSTOMER_DSO
USING(606,616)
ALLOCATE PRIME  ON SP28 SIZE 330001K,
OVERFLOW ON SP28 SIZE 16501K;

CREATE DSI CUSTOMER_57_DSI
DSO CUSTOMER_DSO
USING(617,627)
ALLOCATE PRIME  ON SP29 SIZE 330001K,
OVERFLOW ON SP29 SIZE 16501K;

CREATE DSI CUSTOMER_58_DSI
DSO CUSTOMER_DSO
USING(628,638)
ALLOCATE PRIME  ON SP29 SIZE 330001K,
OVERFLOW ON SP29 SIZE 16501K;

CREATE DSI CUSTOMER_59_DSI
DSO CUSTOMER_DSO
USING(639,649)
ALLOCATE PRIME  ON SP30 SIZE 330001K,
OVERFLOW ON SP30 SIZE 16501K;

CREATE DSI CUSTOMER_60_DSI
DSO CUSTOMER_DSO
USING(650,660)
ALLOCATE PRIME  ON SP30 SIZE 330001K,
OVERFLOW ON SP30 SIZE 16501K;

CREATE DSI CUSTOMER_61_DSI
DSO CUSTOMER_DSO
USING(661,671)
```

```

    ALLOCATE PRIME    ON SP31 SIZE 330001K,
    OVERFLOW ON SP31 SIZE 16501K;

CREATE DSI CUSTOMER_62_DSI
DSO CUSTOMER_DSO
USING(672,682)
ALLOCATE PRIME    ON SP31 SIZE 330001K,
OVERFLOW ON SP31 SIZE 16501K;

CREATE DSI CUSTOMER_63_DSI
DSO CUSTOMER_DSO
USING(683,693)
ALLOCATE PRIME    ON SP32 SIZE 330001K,
OVERFLOW ON SP32 SIZE 16501K;

CREATE DSI CUSTOMER_64_DSI
DSO CUSTOMER_DSO
USING(694,704)
ALLOCATE PRIME    ON SP32 SIZE 330001K,
OVERFLOW ON SP32 SIZE 16501K;

CREATE DSI CUSTOMER_65_DSI
DSO CUSTOMER_DSO
USING(705,715)
ALLOCATE PRIME    ON SP33 SIZE 330001K,
OVERFLOW ON SP33 SIZE 16501K;

CREATE DSI CUSTOMER_66_DSI
DSO CUSTOMER_DSO
USING(716,726)
ALLOCATE PRIME    ON SP33 SIZE 330001K,
OVERFLOW ON SP33 SIZE 16501K;

CREATE DSI CUSTOMER_67_DSI
DSO CUSTOMER_DSO
USING(727,737)
ALLOCATE PRIME    ON SP34 SIZE 330001K,
OVERFLOW ON SP34 SIZE 16501K;

CREATE DSI CUSTOMER_68_DSI
DSO CUSTOMER_DSO
USING(738,748)
ALLOCATE PRIME    ON SP34 SIZE 330001K,
OVERFLOW ON SP34 SIZE 16501K;

CREATE DSI CUSTOMER_69_DSI
DSO CUSTOMER_DSO
USING(749,759)
ALLOCATE PRIME    ON SP35 SIZE 330001K,
OVERFLOW ON SP35 SIZE 16501K;

CREATE DSI CUSTOMER_70_DSI
DSO CUSTOMER_DSO
USING(760,770)
ALLOCATE PRIME    ON SP35 SIZE 330001K,
OVERFLOW ON SP35 SIZE 16501K;

CREATE DSI CUSTOMER_71_DSI
DSO CUSTOMER_DSO
USING(771,781)
ALLOCATE PRIME    ON SP36 SIZE 330001K,
OVERFLOW ON SP36 SIZE 16501K;

CREATE DSI CUSTOMER_72_DSI
DSO CUSTOMER_DSO
USING(782,792)
ALLOCATE PRIME    ON SP36 SIZE 330001K,
OVERFLOW ON SP36 SIZE 16501K;

CREATE DSI CUSTOMER_73_DSI
DSO CUSTOMER_DSO
USING(793,803)
ALLOCATE PRIME    ON SP37 SIZE 330001K,
OVERFLOW ON SP37 SIZE 16501K;

CREATE DSI CUSTOMER_74_DSI
DSO CUSTOMER_DSO
USING(804,814)
ALLOCATE PRIME    ON SP37 SIZE 330001K,
OVERFLOW ON SP37 SIZE 16501K;

CREATE DSI CUSTOMER_75_DSI
DSO CUSTOMER_DSO
USING(815,825)
ALLOCATE PRIME    ON SP38 SIZE 330001K,
OVERFLOW ON SP38 SIZE 16501K;

CREATE DSI CUSTOMER_76_DSI
DSO CUSTOMER_DSO
USING(826,836)
ALLOCATE PRIME    ON SP38 SIZE 330001K,
OVERFLOW ON SP38 SIZE 16501K;

CREATE DSI CUSTOMER_77_DSI
DSO CUSTOMER_DSO
USING(837,847)
ALLOCATE PRIME    ON SP39 SIZE 330001K,
OVERFLOW ON SP39 SIZE 16501K;

CREATE DSI CUSTOMER_78_DSI
DSO CUSTOMER_DSO
USING(848,858)
ALLOCATE PRIME    ON SP39 SIZE 330001K,
OVERFLOW ON SP39 SIZE 16501K;

CREATE DSI CUSTOMER_79_DSI
DSO CUSTOMER_DSO
USING(859,869)
ALLOCATE PRIME    ON SP40 SIZE 330001K,
OVERFLOW ON SP40 SIZE 16501K;

CREATE DSI CUSTOMER_80_DSI
DSO CUSTOMER_DSO
USING(870,880)
ALLOCATE PRIME    ON SP40 SIZE 330001K,
OVERFLOW ON SP40 SIZE 16501K;

CREATE DSI CUSTOMER_81_DSI
DSO CUSTOMER_DSO
USING(881,891)
ALLOCATE PRIME    ON SP41 SIZE 330001K,
OVERFLOW ON SP41 SIZE 16501K;

CREATE DSI CUSTOMER_82_DSI
DSO CUSTOMER_DSO
USING(892,902)

```

```
    ALLOCATE PRIME ON SP41 SIZE 330001K,  
    OVERFLOW ON SP41 SIZE 16501K;  
  
CREATE DSI CUSTOMER_83_DSI  
DSO CUSTOMER_DSO  
USING(903,913)  
ALLOCATE PRIME ON SP42 SIZE 330001K,  
OVERFLOW ON SP42 SIZE 16501K;  
  
CREATE DSI CUSTOMER_84_DSI  
DSO CUSTOMER_DSO  
USING(914,924)  
ALLOCATE PRIME ON SP42 SIZE 330001K,  
OVERFLOW ON SP42 SIZE 16501K;  
  
CREATE DSI CUSTOMER_85_DSI  
DSO CUSTOMER_DSO  
USING(925,935)  
ALLOCATE PRIME ON SP43 SIZE 330001K,  
OVERFLOW ON SP43 SIZE 16501K;  
  
CREATE DSI CUSTOMER_86_DSI  
DSO CUSTOMER_DSO  
USING(936,946)  
ALLOCATE PRIME ON SP43 SIZE 330001K,  
OVERFLOW ON SP43 SIZE 16501K;  
  
CREATE DSI CUSTOMER_87_DSI  
DSO CUSTOMER_DSO  
USING(947,957)  
ALLOCATE PRIME ON SP44 SIZE 330001K,  
OVERFLOW ON SP44 SIZE 16501K;  
  
CREATE DSI CUSTOMER_88_DSI  
DSO CUSTOMER_DSO  
USING(958,968)  
ALLOCATE PRIME ON SP44 SIZE 330001K,  
OVERFLOW ON SP44 SIZE 16501K;  
  
CREATE DSI CUSTOMER_89_DSI  
DSO CUSTOMER_DSO  
USING(969,979)  
ALLOCATE PRIME ON SP45 SIZE 330001K,  
OVERFLOW ON SP45 SIZE 16501K;  
  
CREATE DSI CUSTOMER_90_DSI  
DSO CUSTOMER_DSO  
USING(980,990)  
ALLOCATE PRIME ON SP45 SIZE 330001K,  
OVERFLOW ON SP45 SIZE 16501K;  
  
CREATE DSI CUSTOMER_91_DSI  
DSO CUSTOMER_DSO  
USING(991,1001)  
ALLOCATE PRIME ON SP46 SIZE 330001K,  
OVERFLOW ON SP46 SIZE 16501K;  
  
CREATE DSI CUSTOMER_92_DSI  
DSO CUSTOMER_DSO  
USING(1002,1012)  
ALLOCATE PRIME ON SP46 SIZE 330001K,  
OVERFLOW ON SP46 SIZE 16501K;  
  
CREATE DSI CUSTOMER_93_DSI  
DSO CUSTOMER_DSO  
USING(1013,1023)  
ALLOCATE PRIME ON SP47 SIZE 330001K,  
OVERFLOW ON SP47 SIZE 16501K;  
  
CREATE DSI CUSTOMER_94_DSI  
DSO CUSTOMER_DSO  
USING(1024,1034)  
ALLOCATE PRIME ON SP47 SIZE 330001K,  
OVERFLOW ON SP47 SIZE 16501K;  
  
CREATE DSI CUSTOMER_95_DSI  
DSO CUSTOMER_DSO  
USING(1035,1045)  
ALLOCATE PRIME ON SP48 SIZE 330001K,  
OVERFLOW ON SP48 SIZE 16501K;  
  
CREATE DSI CUSTOMER_96_DSI  
DSO CUSTOMER_DSO  
USING(1046,1056)  
ALLOCATE PRIME ON SP48 SIZE 330001K,  
OVERFLOW ON SP48 SIZE 16501K;  
  
CREATE DSI CUSTOMER_97_DSI  
DSO CUSTOMER_DSO  
USING(1057,1067)  
ALLOCATE PRIME ON SP49 SIZE 330001K,  
OVERFLOW ON SP49 SIZE 16501K;  
  
CREATE DSI CUSTOMER_98_DSI  
DSO CUSTOMER_DSO  
USING(1068,1078)  
ALLOCATE PRIME ON SP49 SIZE 330001K,  
OVERFLOW ON SP49 SIZE 16501K;  
  
CREATE DSI CUSTOMER_99_DSI  
DSO CUSTOMER_DSO  
USING(1079,1089)  
ALLOCATE PRIME ON SP50 SIZE 330001K,  
OVERFLOW ON SP50 SIZE 16501K;  
  
CREATE DSI CUSTOMER_100_DSI  
DSO CUSTOMER_DSO  
USING(1090,1100)  
ALLOCATE PRIME ON SP50 SIZE 330001K,  
OVERFLOW ON SP50 SIZE 16501K;  
  
CREATE DSI CUSTOMER_101_DSI  
DSO CUSTOMER_DSO  
USING(1101,1111)  
ALLOCATE PRIME ON SP51 SIZE 330001K,  
OVERFLOW ON SP51 SIZE 16501K;  
  
CREATE DSI CUSTOMER_102_DSI  
DSO CUSTOMER_DSO  
USING(1112,1122)  
ALLOCATE PRIME ON SP51 SIZE 330001K,  
OVERFLOW ON SP51 SIZE 16501K;  
  
CREATE DSI CUSTOMER_103_DSI  
DSO CUSTOMER_DSO  
USING(1123,1133)
```

```

    ALLOCATE PRIME    ON SP52 SIZE 330001K,
    OVERFLOW ON SP52 SIZE 16501K;

CREATE DSI CUSTOMER_104_DSI
DSO CUSTOMER_DSO
USING(1134,1144)
ALLOCATE PRIME    ON SP52 SIZE 330001K,
OVERFLOW ON SP52 SIZE 16501K;

CREATE DSI CUSTOMER_105_DSI
DSO CUSTOMER_DSO
USING(1145,1155)
ALLOCATE PRIME    ON SP53 SIZE 330001K,
OVERFLOW ON SP53 SIZE 16501K;

CREATE DSI CUSTOMER_106_DSI
DSO CUSTOMER_DSO
USING(1156,1166)
ALLOCATE PRIME    ON SP53 SIZE 330001K,
OVERFLOW ON SP53 SIZE 16501K;

CREATE DSI CUSTOMER_107_DSI
DSO CUSTOMER_DSO
USING(1167,1177)
ALLOCATE PRIME    ON SP54 SIZE 330001K,
OVERFLOW ON SP54 SIZE 16501K;

CREATE DSI CUSTOMER_108_DSI
DSO CUSTOMER_DSO
USING(1178,1188)
ALLOCATE PRIME    ON SP54 SIZE 330001K,
OVERFLOW ON SP54 SIZE 16501K;

CREATE DSI CUSTOMER_109_DSI
DSO CUSTOMER_DSO
USING(1189,1199)
ALLOCATE PRIME    ON SP55 SIZE 330001K,
OVERFLOW ON SP55 SIZE 16501K;

CREATE DSI CUSTOMER_110_DSI
DSO CUSTOMER_DSO
USING(1200,1210)
ALLOCATE PRIME    ON SP55 SIZE 330001K,
OVERFLOW ON SP55 SIZE 16501K;

CREATE DSI CUSTOMER_111_DSI
DSO CUSTOMER_DSO
USING(1211,1221)
ALLOCATE PRIME    ON SP56 SIZE 330001K,
OVERFLOW ON SP56 SIZE 16501K;

CREATE DSI CUSTOMER_112_DSI
DSO CUSTOMER_DSO
USING(1222,1232)
ALLOCATE PRIME    ON SP56 SIZE 330001K,
OVERFLOW ON SP56 SIZE 16501K;

CREATE DSI CUSTOMER_113_DSI
DSO CUSTOMER_DSO
USING(1233,1243)
ALLOCATE PRIME    ON SP57 SIZE 330001K,
OVERFLOW ON SP57 SIZE 16501K;

CREATE DSI CUSTOMER_114_DSI
DSO CUSTOMER_DSO
USING(1244,1254)
ALLOCATE PRIME    ON SP57 SIZE 330001K,
OVERFLOW ON SP57 SIZE 16501K;

CREATE DSI CUSTOMER_115_DSI
DSO CUSTOMER_DSO
USING(1255,1265)
ALLOCATE PRIME    ON SP58 SIZE 330001K,
OVERFLOW ON SP58 SIZE 16501K;

CREATE DSI CUSTOMER_116_DSI
DSO CUSTOMER_DSO
USING(1266,1276)
ALLOCATE PRIME    ON SP58 SIZE 330001K,
OVERFLOW ON SP58 SIZE 16501K;

CREATE DSI CUSTOMER_117_DSI
DSO CUSTOMER_DSO
USING(1277,1287)
ALLOCATE PRIME    ON SP59 SIZE 330001K,
OVERFLOW ON SP59 SIZE 16501K;

CREATE DSI CUSTOMER_118_DSI
DSO CUSTOMER_DSO
USING(1288,1298)
ALLOCATE PRIME    ON SP59 SIZE 330001K,
OVERFLOW ON SP59 SIZE 16501K;

CREATE DSI CUSTOMER_119_DSI
DSO CUSTOMER_DSO
USING(1299,1309)
ALLOCATE PRIME    ON SP60 SIZE 330001K,
OVERFLOW ON SP60 SIZE 16501K;

CREATE DSI CUSTOMER_120_DSI
DSO CUSTOMER_DSO
USING(1310,1320)
ALLOCATE PRIME    ON SP60 SIZE 330001K,
OVERFLOW ON SP60 SIZE 16501K;

CREATE DSI CUSTOMER_121_DSI
DSO CUSTOMER_DSO
USING(1321,1331)
ALLOCATE PRIME    ON SP61 SIZE 330001K,
OVERFLOW ON SP61 SIZE 16501K;

CREATE DSI CUSTOMER_122_DSI
DSO CUSTOMER_DSO
USING(1332,1342)
ALLOCATE PRIME    ON SP61 SIZE 330001K,
OVERFLOW ON SP61 SIZE 16501K;

CREATE DSI CUSTOMER_123_DSI
DSO CUSTOMER_DSO
USING(1343,1353)
ALLOCATE PRIME    ON SP62 SIZE 330001K,
OVERFLOW ON SP62 SIZE 16501K;

CREATE DSI CUSTOMER_124_DSI
DSO CUSTOMER_DSO
USING(1354,1364)

```



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    ALLOCATE PRIME ON SP62 SIZE 330001K,
    OVERFLOW ON SP62 SIZE 16501K;

CREATE DSI CUSTOMER_125_DSI
DSO CUSTOMER_DSO
USING(1365,1375)
ALLOCATE PRIME ON SP63 SIZE 330001K,
OVERFLOW ON SP63 SIZE 16501K;

CREATE DSI CUSTOMER_126_DSI
DSO CUSTOMER_DSO
USING(1376,1386)
ALLOCATE PRIME ON SP63 SIZE 330001K,
OVERFLOW ON SP63 SIZE 16501K;

CREATE DSI CUSTOMER_127_DSI
DSO CUSTOMER_DSO
USING(1387,1397)
ALLOCATE PRIME ON SP64 SIZE 330001K,
OVERFLOW ON SP64 SIZE 16501K;

CREATE DSI CUSTOMER_128_DSI
DSO CUSTOMER_DSO
USING(1398,1408)
ALLOCATE PRIME ON SP64 SIZE 330001K,
OVERFLOW ON SP64 SIZE 16501K;

CREATE DSI CUSTOMER_129_DSI
DSO CUSTOMER_DSO
USING(1409,1419)
ALLOCATE PRIME ON SP65 SIZE 330001K,
OVERFLOW ON SP65 SIZE 16501K;

CREATE DSI CUSTOMER_130_DSI
DSO CUSTOMER_DSO
USING(1420,1430)
ALLOCATE PRIME ON SP65 SIZE 330001K,
OVERFLOW ON SP65 SIZE 16501K;

CREATE DSI CUSTOMER_131_DSI
DSO CUSTOMER_DSO
USING(1431,1441)
ALLOCATE PRIME ON SP66 SIZE 330001K,
OVERFLOW ON SP66 SIZE 16501K;

CREATE DSI CUSTOMER_132_DSI
DSO CUSTOMER_DSO
USING(1442,1452)
ALLOCATE PRIME ON SP66 SIZE 330001K,
OVERFLOW ON SP66 SIZE 16501K;

CREATE DSI CUSTOMER_133_DSI
DSO CUSTOMER_DSO
USING(1453,1463)
ALLOCATE PRIME ON SP67 SIZE 330001K,
OVERFLOW ON SP67 SIZE 16501K;

CREATE DSI CUSTOMER_134_DSI
DSO CUSTOMER_DSO
USING(1464,1474)
ALLOCATE PRIME ON SP67 SIZE 330001K,
OVERFLOW ON SP67 SIZE 16501K;

CREATE DSI CUSTOMER_135_DSI
DSO CUSTOMER_DSO
USING(1475,1485)
ALLOCATE PRIME ON SP68 SIZE 330001K,
OVERFLOW ON SP68 SIZE 16501K;

CREATE DSI CUSTOMER_136_DSI
DSO CUSTOMER_DSO
USING(1486,1496)
ALLOCATE PRIME ON SP68 SIZE 330001K,
OVERFLOW ON SP68 SIZE 16501K;

CREATE DSI CUSTOMER_137_DSI
DSO CUSTOMER_DSO
USING(1497,1507)
ALLOCATE PRIME ON SP69 SIZE 330001K,
OVERFLOW ON SP69 SIZE 16501K;

CREATE DSI CUSTOMER_138_DSI
DSO CUSTOMER_DSO
USING(1508,1518)
ALLOCATE PRIME ON SP69 SIZE 330001K,
OVERFLOW ON SP69 SIZE 16501K;

CREATE DSI CUSTOMER_139_DSI
DSO CUSTOMER_DSO
USING(1519,1529)
ALLOCATE PRIME ON SP70 SIZE 330001K,
OVERFLOW ON SP70 SIZE 16501K;

CREATE DSI CUSTOMER_140_DSI
DSO CUSTOMER_DSO
USING(1530,1540)
ALLOCATE PRIME ON SP70 SIZE 330001K,
OVERFLOW ON SP70 SIZE 16501K;

CREATE DSI CUSTOMER_141_DSI
DSO CUSTOMER_DSO
USING(1541,1551)
ALLOCATE PRIME ON SP71 SIZE 330001K,
OVERFLOW ON SP71 SIZE 16501K;

CREATE DSI CUSTOMER_142_DSI
DSO CUSTOMER_DSO
USING(1552,1562)
ALLOCATE PRIME ON SP71 SIZE 330001K,
OVERFLOW ON SP71 SIZE 16501K;

CREATE DSI CUSTOMER_143_DSI
DSO CUSTOMER_DSO
USING(1563,1573)
ALLOCATE PRIME ON SP72 SIZE 330001K,
OVERFLOW ON SP72 SIZE 16501K;

CREATE DSI CUSTOMER_144_DSI
DSO CUSTOMER_DSO
USING(1574,1584)
ALLOCATE PRIME ON SP72 SIZE 330001K,
OVERFLOW ON SP72 SIZE 16501K;

CREATE DSI CUSTOMER_145_DSI
DSO CUSTOMER_DSO
USING(1585,1595)
```



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    ALLOCATE PRIME    ON SP73 SIZE 330001K,
    OVERFLOW ON SP73 SIZE 16501K;

CREATE DSI CUSTOMER_146_DSI
DSO CUSTOMER_DSO
USING(1596,1606)
ALLOCATE PRIME    ON SP73 SIZE 330001K,
OVERFLOW ON SP73 SIZE 16501K;

CREATE DSI CUSTOMER_147_DSI
DSO CUSTOMER_DSO
USING(1607,1617)
ALLOCATE PRIME    ON SP74 SIZE 330001K,
OVERFLOW ON SP74 SIZE 16501K;

CREATE DSI CUSTOMER_148_DSI
DSO CUSTOMER_DSO
USING(1618,1628)
ALLOCATE PRIME    ON SP74 SIZE 330001K,
OVERFLOW ON SP74 SIZE 16501K;

CREATE DSI CUSTOMER_149_DSI
DSO CUSTOMER_DSO
USING(1629,1639)
ALLOCATE PRIME    ON SP75 SIZE 330001K,
OVERFLOW ON SP75 SIZE 16501K;

CREATE DSI CUSTOMER_150_DSI
DSO CUSTOMER_DSO
USING(1640,1650)
ALLOCATE PRIME    ON SP75 SIZE 330001K,
OVERFLOW ON SP75 SIZE 16501K;

CREATE DSI CUSTOMER_151_DSI
DSO CUSTOMER_DSO
USING(1651,1661)
ALLOCATE PRIME    ON SP76 SIZE 330001K,
OVERFLOW ON SP76 SIZE 16501K;

CREATE DSI CUSTOMER_152_DSI
DSO CUSTOMER_DSO
USING(1662,1672)
ALLOCATE PRIME    ON SP76 SIZE 330001K,
OVERFLOW ON SP76 SIZE 16501K;

CREATE DSI CUSTOMER_153_DSI
DSO CUSTOMER_DSO
USING(1673,1683)
ALLOCATE PRIME    ON SP77 SIZE 330001K,
OVERFLOW ON SP77 SIZE 16501K;

CREATE DSI CUSTOMER_154_DSI
DSO CUSTOMER_DSO
USING(1684,1694)
ALLOCATE PRIME    ON SP77 SIZE 330001K,
OVERFLOW ON SP77 SIZE 16501K;

CREATE DSI CUSTOMER_155_DSI
DSO CUSTOMER_DSO
USING(1695,1705)
ALLOCATE PRIME    ON SP78 SIZE 330001K,
OVERFLOW ON SP78 SIZE 16501K;

CREATE DSI CUSTOMER_156_DSI
DSO CUSTOMER_DSO
USING(1706,1716)
ALLOCATE PRIME    ON SP78 SIZE 330001K,
OVERFLOW ON SP78 SIZE 16501K;

CREATE DSI CUSTOMER_157_DSI
DSO CUSTOMER_DSO
USING(1717,1727)
ALLOCATE PRIME    ON SP79 SIZE 330001K,
OVERFLOW ON SP79 SIZE 16501K;

CREATE DSI CUSTOMER_158_DSI
DSO CUSTOMER_DSO
USING(1728,1738)
ALLOCATE PRIME    ON SP79 SIZE 330001K,
OVERFLOW ON SP79 SIZE 16501K;

CREATE DSI CUSTOMER_159_DSI
DSO CUSTOMER_DSO
USING(1739,1749)
ALLOCATE PRIME    ON SP80 SIZE 330001K,
OVERFLOW ON SP80 SIZE 16501K;

CREATE DSI CUSTOMER_160_DSI
DSO CUSTOMER_DSO
USING(1750,1760)
ALLOCATE PRIME    ON SP80 SIZE 330001K,
OVERFLOW ON SP80 SIZE 16501K;

CREATE DSI CUSTOMER_161_DSI
DSO CUSTOMER_DSO
USING(1761,1771)
ALLOCATE PRIME    ON SP81 SIZE 330001K,
OVERFLOW ON SP81 SIZE 16501K;

CREATE DSI CUSTOMER_162_DSI
DSO CUSTOMER_DSO
USING(1772,1782)
ALLOCATE PRIME    ON SP81 SIZE 330001K,
OVERFLOW ON SP81 SIZE 16501K;

CREATE DSI CUSTOMER_163_DSI
DSO CUSTOMER_DSO
USING(1783,1793)
ALLOCATE PRIME    ON SP82 SIZE 330001K,
OVERFLOW ON SP82 SIZE 16501K;

CREATE DSI CUSTOMER_164_DSI
DSO CUSTOMER_DSO
USING(1794,1804)
ALLOCATE PRIME    ON SP82 SIZE 330001K,
OVERFLOW ON SP82 SIZE 16501K;

CREATE DSI CUSTOMER_165_DSI
DSO CUSTOMER_DSO
USING(1805,1815)
ALLOCATE PRIME    ON SP83 SIZE 330001K,
OVERFLOW ON SP83 SIZE 16501K;

CREATE DSI CUSTOMER_166_DSI
DSO CUSTOMER_DSO
USING(1816,1826)

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```
    ALLOCATE PRIME  ON SP83 SIZE 330001K,  
    OVERFLOW ON SP83 SIZE 16501K;  
  
CREATE DSI CUSTOMER_167_DSI  
DSO CUSTOMER_DSO  
  USING(1827,1837)  
  ALLOCATE PRIME  ON SP84 SIZE 330001K,  
  OVERFLOW ON SP84 SIZE 16501K;  
  
CREATE DSI CUSTOMER_168_DSI  
DSO CUSTOMER_DSO  
  USING(1838,1848)  
  ALLOCATE PRIME  ON SP84 SIZE 330001K,  
  OVERFLOW ON SP84 SIZE 16501K;  
  
CREATE DSI CUSTOMER_169_DSI  
DSO CUSTOMER_DSO  
  USING(1849,1859)  
  ALLOCATE PRIME  ON SP85 SIZE 330001K,  
  OVERFLOW ON SP85 SIZE 16501K;  
  
CREATE DSI CUSTOMER_170_DSI  
DSO CUSTOMER_DSO  
  USING(1860,1870)  
  ALLOCATE PRIME  ON SP85 SIZE 330001K,  
  OVERFLOW ON SP85 SIZE 16501K;  
  
CREATE DSI CUSTOMER_171_DSI  
DSO CUSTOMER_DSO  
  USING(1871,1881)  
  ALLOCATE PRIME  ON SP86 SIZE 330001K,  
  OVERFLOW ON SP86 SIZE 16501K;  
  
CREATE DSI CUSTOMER_172_DSI  
DSO CUSTOMER_DSO  
  USING(1882,1892)  
  ALLOCATE PRIME  ON SP86 SIZE 330001K,  
  OVERFLOW ON SP86 SIZE 16501K;  
  
CREATE DSI CUSTOMER_173_DSI  
DSO CUSTOMER_DSO  
  USING(1893,1903)  
  ALLOCATE PRIME  ON SP87 SIZE 330001K,  
  OVERFLOW ON SP87 SIZE 16501K;  
  
CREATE DSI CUSTOMER_174_DSI  
DSO CUSTOMER_DSO  
  USING(1904,1914)  
  ALLOCATE PRIME  ON SP87 SIZE 330001K,  
  OVERFLOW ON SP87 SIZE 16501K;  
  
CREATE DSI CUSTOMER_175_DSI  
DSO CUSTOMER_DSO  
  USING(1915,1925)  
  ALLOCATE PRIME  ON SP88 SIZE 330001K,  
  OVERFLOW ON SP88 SIZE 16501K;  
  
CREATE DSI CUSTOMER_176_DSI  
DSO CUSTOMER_DSO  
  USING(1926,1936)  
  ALLOCATE PRIME  ON SP88 SIZE 330001K,  
  OVERFLOW ON SP88 SIZE 16501K;  
  
CREATE DSI CUSTOMER_177_DSI  
DSO CUSTOMER_DSO  
  USING(1937,1947)  
  ALLOCATE PRIME  ON SP89 SIZE 330001K,  
  OVERFLOW ON SP89 SIZE 16501K;  
  
CREATE DSI CUSTOMER_178_DSI  
DSO CUSTOMER_DSO  
  USING(1948,1958)  
  ALLOCATE PRIME  ON SP89 SIZE 330001K,  
  OVERFLOW ON SP89 SIZE 16501K;  
  
CREATE DSI CUSTOMER_179_DSI  
DSO CUSTOMER_DSO  
  USING(1959,1969)  
  ALLOCATE PRIME  ON SP90 SIZE 330001K,  
  OVERFLOW ON SP90 SIZE 16501K;  
  
CREATE DSI CUSTOMER_180_DSI  
DSO CUSTOMER_DSO  
  USING(1970,1980)  
  ALLOCATE PRIME  ON SP90 SIZE 330001K,  
  OVERFLOW ON SP90 SIZE 16501K;  
  
CREATE DSI CUSTOMER_181_DSI  
DSO CUSTOMER_DSO  
  USING(1981,1991)  
  ALLOCATE PRIME  ON SP91 SIZE 330001K,  
  OVERFLOW ON SP91 SIZE 16501K;  
  
CREATE DSI CUSTOMER_182_DSI  
DSO CUSTOMER_DSO  
  USING(1992,2002)  
  ALLOCATE PRIME  ON SP91 SIZE 330001K,  
  OVERFLOW ON SP91 SIZE 16501K;  
  
CREATE DSI CUSTOMER_183_DSI  
DSO CUSTOMER_DSO  
  USING(2003,2013)  
  ALLOCATE PRIME  ON SP92 SIZE 330001K,  
  OVERFLOW ON SP92 SIZE 16501K;  
  
CREATE DSI CUSTOMER_184_DSI  
DSO CUSTOMER_DSO  
  USING(2014,2024)  
  ALLOCATE PRIME  ON SP92 SIZE 330001K,  
  OVERFLOW ON SP92 SIZE 16501K;  
  
CREATE DSI CUSTOMER_185_DSI  
DSO CUSTOMER_DSO  
  USING(2025,2035)  
  ALLOCATE PRIME  ON SP93 SIZE 330001K,  
  OVERFLOW ON SP93 SIZE 16501K;  
  
CREATE DSI CUSTOMER_186_DSI  
DSO CUSTOMER_DSO  
  USING(2036,2046)  
  ALLOCATE PRIME  ON SP93 SIZE 330001K,  
  OVERFLOW ON SP93 SIZE 16501K;  
  
CREATE DSI CUSTOMER_187_DSI  
DSO CUSTOMER_DSO  
  USING(2047,2057)
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    ALLOCATE PRIME    ON SP94 SIZE 330001K,
    OVERFLOW ON SP94 SIZE 16501K;

CREATE DSI CUSTOMER_188_DSI
DSO CUSTOMER_DSO
USING(2058,2068)
ALLOCATE PRIME    ON SP94 SIZE 330001K,
OVERFLOW ON SP94 SIZE 16501K;

CREATE DSI CUSTOMER_189_DSI
DSO CUSTOMER_DSO
USING(2069,2079)
ALLOCATE PRIME    ON SP95 SIZE 330001K,
OVERFLOW ON SP95 SIZE 16501K;

CREATE DSI CUSTOMER_190_DSI
DSO CUSTOMER_DSO
USING(2080,2090)
ALLOCATE PRIME    ON SP95 SIZE 330001K,
OVERFLOW ON SP95 SIZE 16501K;

CREATE DSI CUSTOMER_191_DSI
DSO CUSTOMER_DSO
USING(2091,2101)
ALLOCATE PRIME    ON SP96 SIZE 330001K,
OVERFLOW ON SP96 SIZE 16501K;

CREATE DSI CUSTOMER_192_DSI
DSO CUSTOMER_DSO
USING(2102,2112)
ALLOCATE PRIME    ON SP96 SIZE 330001K,
OVERFLOW ON SP96 SIZE 16501K;

CREATE DSI CUSTOMER_193_DSI
DSO CUSTOMER_DSO
USING(2113,2123)
ALLOCATE PRIME    ON SP97 SIZE 330001K,
OVERFLOW ON SP97 SIZE 16501K;

CREATE DSI CUSTOMER_194_DSI
DSO CUSTOMER_DSO
USING(2124,2134)
ALLOCATE PRIME    ON SP97 SIZE 330001K,
OVERFLOW ON SP97 SIZE 16501K;

CREATE DSI CUSTOMER_195_DSI
DSO CUSTOMER_DSO
USING(2135,2145)
ALLOCATE PRIME    ON SP98 SIZE 330001K,
OVERFLOW ON SP98 SIZE 16501K;

CREATE DSI CUSTOMER_196_DSI
DSO CUSTOMER_DSO
USING(2146,2156)
ALLOCATE PRIME    ON SP98 SIZE 330001K,
OVERFLOW ON SP98 SIZE 16501K;

CREATE DSI CUSTOMER_197_DSI
DSO CUSTOMER_DSO
USING(2157,2167)
ALLOCATE PRIME    ON SP99 SIZE 330001K,
OVERFLOW ON SP99 SIZE 16501K;

CREATE DSI CUSTOMER_198_DSI
DSO CUSTOMER_DSO
USING(2168,2178)
ALLOCATE PRIME    ON SP99 SIZE 330001K,
OVERFLOW ON SP99 SIZE 16501K;

CREATE DSI CUSTOMER_199_DSI
DSO CUSTOMER_DSO
USING(2179,2189)
ALLOCATE PRIME    ON SP100 SIZE 330001K,
OVERFLOW ON SP100 SIZE 16501K;

CREATE DSI CUSTOMER_200_DSI
DSO CUSTOMER_DSO
USING(2190,2200)
ALLOCATE PRIME    ON SP100 SIZE 330001K,
OVERFLOW ON SP100 SIZE 16501K;

CREATE DSI CUSTOMER_201_DSI
DSO CUSTOMER_DSO
USING(2201,2211)
ALLOCATE PRIME    ON SP101 SIZE 330001K,
OVERFLOW ON SP101 SIZE 16501K;

CREATE DSI CUSTOMER_202_DSI
DSO CUSTOMER_DSO
USING(2212,2222)
ALLOCATE PRIME    ON SP101 SIZE 330001K,
OVERFLOW ON SP101 SIZE 16501K;

CREATE DSI CUSTOMER_203_DSI
DSO CUSTOMER_DSO
USING(2223,2233)
ALLOCATE PRIME    ON SP102 SIZE 330001K,
OVERFLOW ON SP102 SIZE 16501K;

CREATE DSI CUSTOMER_204_DSI
DSO CUSTOMER_DSO
USING(2234,2244)
ALLOCATE PRIME    ON SP102 SIZE 330001K,
OVERFLOW ON SP102 SIZE 16501K;

CREATE DSI CUSTOMER_205_DSI
DSO CUSTOMER_DSO
USING(2245,2255)
ALLOCATE PRIME    ON SP103 SIZE 330001K,
OVERFLOW ON SP103 SIZE 16501K;

CREATE DSI CUSTOMER_206_DSI
DSO CUSTOMER_DSO
USING(2256,2266)
ALLOCATE PRIME    ON SP103 SIZE 330001K,
OVERFLOW ON SP103 SIZE 16501K;

CREATE DSI CUSTOMER_207_DSI
DSO CUSTOMER_DSO
USING(2267,2277)
ALLOCATE PRIME    ON SP104 SIZE 330001K,
OVERFLOW ON SP104 SIZE 16501K;

CREATE DSI CUSTOMER_208_DSI
DSO CUSTOMER_DSO
USING(2278,2288)

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        ALLOCATE PRIME ON SP104 SIZE 330001K,
        OVERFLOW ON SP104 SIZE 16501K;

CREATE DSI CUSTOMER_209_DSI
DSO CUSTOMER_DSO
USING(2289,2299)
ALLOCATE PRIME ON SP105 SIZE 330001K,
OVERFLOW ON SP105 SIZE 16501K;

CREATE DSI CUSTOMER_210_DSI
DSO CUSTOMER_DSO
USING(2300,2310)
ALLOCATE PRIME ON SP105 SIZE 330001K,
OVERFLOW ON SP105 SIZE 16501K;

CREATE DSI CUSTOMER_211_DSI
DSO CUSTOMER_DSO
USING(2311,2321)
ALLOCATE PRIME ON SP106 SIZE 330001K,
OVERFLOW ON SP106 SIZE 16501K;

CREATE DSI CUSTOMER_212_DSI
DSO CUSTOMER_DSO
USING(2322,2332)
ALLOCATE PRIME ON SP106 SIZE 330001K,
OVERFLOW ON SP106 SIZE 16501K;

CREATE DSI CUSTOMER_213_DSI
DSO CUSTOMER_DSO
USING(2333,2343)
ALLOCATE PRIME ON SP107 SIZE 330001K,
OVERFLOW ON SP107 SIZE 16501K;

CREATE DSI CUSTOMER_214_DSI
DSO CUSTOMER_DSO
USING(2344,2354)
ALLOCATE PRIME ON SP107 SIZE 330001K,
OVERFLOW ON SP107 SIZE 16501K;

CREATE DSI CUSTOMER_215_DSI
DSO CUSTOMER_DSO
USING(2355,2365)
ALLOCATE PRIME ON SP108 SIZE 330001K,
OVERFLOW ON SP108 SIZE 16501K;

CREATE DSI CUSTOMER_216_DSI
DSO CUSTOMER_DSO
USING(2366,2376)
ALLOCATE PRIME ON SP108 SIZE 330001K,
OVERFLOW ON SP108 SIZE 16501K;

CREATE DSI CUSTOMER_217_DSI
DSO CUSTOMER_DSO
USING(2377,2387)
ALLOCATE PRIME ON SP109 SIZE 330001K,
OVERFLOW ON SP109 SIZE 16501K;

CREATE DSI CUSTOMER_218_DSI
DSO CUSTOMER_DSO
USING(2388,2398)
ALLOCATE PRIME ON SP109 SIZE 330001K,
OVERFLOW ON SP109 SIZE 16501K;

CREATE DSI CUSTOMER_219_DSI
DSO CUSTOMER_DSO
USING(2399,2409)
ALLOCATE PRIME ON SP110 SIZE 330001K,
OVERFLOW ON SP110 SIZE 16501K;

CREATE DSI CUSTOMER_220_DSI
DSO CUSTOMER_DSO
USING(2410,2420)
ALLOCATE PRIME ON SP110 SIZE 330001K,
OVERFLOW ON SP110 SIZE 16501K;

CREATE DSI CUSTOMER_221_DSI
DSO CUSTOMER_DSO
USING(2421,2431)
ALLOCATE PRIME ON SP111 SIZE 330001K,
OVERFLOW ON SP111 SIZE 16501K;

CREATE DSI CUSTOMER_222_DSI
DSO CUSTOMER_DSO
USING(2432,2442)
ALLOCATE PRIME ON SP111 SIZE 330001K,
OVERFLOW ON SP111 SIZE 16501K;

CREATE DSI CUSTOMER_223_DSI
DSO CUSTOMER_DSO
USING(2443,2453)
ALLOCATE PRIME ON SP112 SIZE 330001K,
OVERFLOW ON SP112 SIZE 16501K;

CREATE DSI CUSTOMER_224_DSI
DSO CUSTOMER_DSO
USING(2454,2464)
ALLOCATE PRIME ON SP112 SIZE 330001K,
OVERFLOW ON SP112 SIZE 16501K;

CREATE DSI CUSTOMER_225_DSI
DSO CUSTOMER_DSO
USING(2465,2475)
ALLOCATE PRIME ON SP113 SIZE 330001K,
OVERFLOW ON SP113 SIZE 16501K;

CREATE DSI CUSTOMER_226_DSI
DSO CUSTOMER_DSO
USING(2476,2486)
ALLOCATE PRIME ON SP113 SIZE 330001K,
OVERFLOW ON SP113 SIZE 16501K;

CREATE DSI CUSTOMER_227_DSI
DSO CUSTOMER_DSO
USING(2487,2497)
ALLOCATE PRIME ON SP114 SIZE 330001K,
OVERFLOW ON SP114 SIZE 16501K;

CREATE DSI CUSTOMER_228_DSI
DSO CUSTOMER_DSO
USING(2498,2508)
ALLOCATE PRIME ON SP114 SIZE 330001K,
OVERFLOW ON SP114 SIZE 16501K;

CREATE DSI CUSTOMER_229_DSI
DSO CUSTOMER_DSO
USING(2509,2519)

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    ALLOCATE PRIME ON SP115 SIZE 330001K,
    OVERFLOW ON SP115 SIZE 16501K;

CREATE DSI CUSTOMER_230_DSI
DSO CUSTOMER_DSO
USING(2520,2530)
ALLOCATE PRIME ON SP115 SIZE 330001K,
OVERFLOW ON SP115 SIZE 16501K;

CREATE DSI CUSTOMER_231_DSI
DSO CUSTOMER_DSO
USING(2531,2541)
ALLOCATE PRIME ON SP116 SIZE 330001K,
OVERFLOW ON SP116 SIZE 16501K;

CREATE DSI CUSTOMER_232_DSI
DSO CUSTOMER_DSO
USING(2542,2552)
ALLOCATE PRIME ON SP116 SIZE 330001K,
OVERFLOW ON SP116 SIZE 16501K;

CREATE DSI CUSTOMER_233_DSI
DSO CUSTOMER_DSO
USING(2553,2563)
ALLOCATE PRIME ON SP117 SIZE 330001K,
OVERFLOW ON SP117 SIZE 16501K;

CREATE DSI CUSTOMER_234_DSI
DSO CUSTOMER_DSO
USING(2564,2574)
ALLOCATE PRIME ON SP117 SIZE 330001K,
OVERFLOW ON SP117 SIZE 16501K;

CREATE DSI CUSTOMER_235_DSI
DSO CUSTOMER_DSO
USING(2575,2585)
ALLOCATE PRIME ON SP118 SIZE 330001K,
OVERFLOW ON SP118 SIZE 16501K;

CREATE DSI CUSTOMER_236_DSI
DSO CUSTOMER_DSO
USING(2586,2596)
ALLOCATE PRIME ON SP118 SIZE 330001K,
OVERFLOW ON SP118 SIZE 16501K;

CREATE DSI CUSTOMER_237_DSI
DSO CUSTOMER_DSO
USING(2597,2607)
ALLOCATE PRIME ON SP119 SIZE 330001K,
OVERFLOW ON SP119 SIZE 16501K;

CREATE DSI CUSTOMER_238_DSI
DSO CUSTOMER_DSO
USING(2608,2618)
ALLOCATE PRIME ON SP119 SIZE 330001K,
OVERFLOW ON SP119 SIZE 16501K;

CREATE DSI CUSTOMER_239_DSI
DSO CUSTOMER_DSO
USING(2619,2629)
ALLOCATE PRIME ON SP120 SIZE 330001K,
OVERFLOW ON SP120 SIZE 16501K;

CREATE DSI CUSTOMER_240_DSI
DSO CUSTOMER_DSO
USING(2630,2640)
ALLOCATE PRIME ON SP120 SIZE 330001K,
OVERFLOW ON SP120 SIZE 16501K;

CREATE DSI CUSTOMER_241_DSI
DSO CUSTOMER_DSO
USING(2641,2651)
ALLOCATE PRIME ON SP121 SIZE 330001K,
OVERFLOW ON SP121 SIZE 16501K;

CREATE DSI CUSTOMER_242_DSI
DSO CUSTOMER_DSO
USING(2652,2662)
ALLOCATE PRIME ON SP121 SIZE 330001K,
OVERFLOW ON SP121 SIZE 16501K;

CREATE DSI CUSTOMER_243_DSI
DSO CUSTOMER_DSO
USING(2663,2673)
ALLOCATE PRIME ON SP122 SIZE 330001K,
OVERFLOW ON SP122 SIZE 16501K;

CREATE DSI CUSTOMER_244_DSI
DSO CUSTOMER_DSO
USING(2674,2684)
ALLOCATE PRIME ON SP122 SIZE 330001K,
OVERFLOW ON SP122 SIZE 16501K;

CREATE DSI CUSTOMER_245_DSI
DSO CUSTOMER_DSO
USING(2685,2695)
ALLOCATE PRIME ON SP123 SIZE 330001K,
OVERFLOW ON SP123 SIZE 16501K;

CREATE DSI CUSTOMER_246_DSI
DSO CUSTOMER_DSO
USING(2696,2706)
ALLOCATE PRIME ON SP123 SIZE 330001K,
OVERFLOW ON SP123 SIZE 16501K;

CREATE DSI CUSTOMER_247_DSI
DSO CUSTOMER_DSO
USING(2707,2717)
ALLOCATE PRIME ON SP124 SIZE 330001K,
OVERFLOW ON SP124 SIZE 16501K;

CREATE DSI CUSTOMER_248_DSI
DSO CUSTOMER_DSO
USING(2718,2728)
ALLOCATE PRIME ON SP124 SIZE 330001K,
OVERFLOW ON SP124 SIZE 16501K;

CREATE DSI CUSTOMER_249_DSI
DSO CUSTOMER_DSO
USING(2729,2739)
ALLOCATE PRIME ON SP125 SIZE 330001K,
OVERFLOW ON SP125 SIZE 16501K;

CREATE DSI CUSTOMER_250_DSI
DSO CUSTOMER_DSO
USING(2740,2750)

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    ALLOCATE PRIME ON SP125 SIZE 330001K,
    OVERFLOW ON SP125 SIZE 16501K;

CREATE DSI CUSTOMER_251_DSI
DSO CUSTOMER_DSO
USING(2751,2761)
ALLOCATE PRIME ON SP126 SIZE 330001K,
OVERFLOW ON SP126 SIZE 16501K;

CREATE DSI CUSTOMER_252_DSI
DSO CUSTOMER_DSO
USING(2762,2772)
ALLOCATE PRIME ON SP126 SIZE 330001K,
OVERFLOW ON SP126 SIZE 16501K;

CREATE DSI CUSTOMER_253_DSI
DSO CUSTOMER_DSO
USING(2773,2783)
ALLOCATE PRIME ON SP127 SIZE 330001K,
OVERFLOW ON SP127 SIZE 16501K;

CREATE DSI CUSTOMER_254_DSI
DSO CUSTOMER_DSO
USING(2784,2794)
ALLOCATE PRIME ON SP127 SIZE 330001K,
OVERFLOW ON SP127 SIZE 16501K;

CREATE DSI CUSTOMER_255_DSI
DSO CUSTOMER_DSO
USING(2795,2805)
ALLOCATE PRIME ON SP128 SIZE 330001K,
OVERFLOW ON SP128 SIZE 16501K;

CREATE DSI CUSTOMER_256_DSI
DSO CUSTOMER_DSO
USING(2806,2816)
ALLOCATE PRIME ON SP128 SIZE 330001K,
OVERFLOW ON SP128 SIZE 16501K;

CREATE DSI CUSTOMER_257_DSI
DSO CUSTOMER_DSO
USING(2817,2827)
ALLOCATE PRIME ON SP129 SIZE 330001K,
OVERFLOW ON SP129 SIZE 16501K;

CREATE DSI CUSTOMER_258_DSI
DSO CUSTOMER_DSO
USING(2828,2838)
ALLOCATE PRIME ON SP129 SIZE 330001K,
OVERFLOW ON SP129 SIZE 16501K;

CREATE DSI CUSTOMER_259_DSI
DSO CUSTOMER_DSO
USING(2839,2849)
ALLOCATE PRIME ON SP130 SIZE 330001K,
OVERFLOW ON SP130 SIZE 16501K;

CREATE DSI CUSTOMER_260_DSI
DSO CUSTOMER_DSO
USING(2850,2860)
ALLOCATE PRIME ON SP130 SIZE 330001K,
OVERFLOW ON SP130 SIZE 16501K;

CREATE DSI CUSTOMER_261_DSI
DSO CUSTOMER_DSO
USING(2861,2871)
ALLOCATE PRIME ON SP131 SIZE 330001K,
OVERFLOW ON SP131 SIZE 16501K;

CREATE DSI CUSTOMER_262_DSI
DSO CUSTOMER_DSO
USING(2872,2882)
ALLOCATE PRIME ON SP131 SIZE 330001K,
OVERFLOW ON SP131 SIZE 16501K;

CREATE DSI CUSTOMER_263_DSI
DSO CUSTOMER_DSO
USING(2883,2893)
ALLOCATE PRIME ON SP132 SIZE 330001K,
OVERFLOW ON SP132 SIZE 16501K;

CREATE DSI CUSTOMER_264_DSI
DSO CUSTOMER_DSO
USING(2894,2904)
ALLOCATE PRIME ON SP132 SIZE 330001K,
OVERFLOW ON SP132 SIZE 16501K;

CREATE DSI CUSTOMER_265_DSI
DSO CUSTOMER_DSO
USING(2905,2915)
ALLOCATE PRIME ON SP133 SIZE 330001K,
OVERFLOW ON SP133 SIZE 16501K;

CREATE DSI CUSTOMER_266_DSI
DSO CUSTOMER_DSO
USING(2916,2926)
ALLOCATE PRIME ON SP133 SIZE 330001K,
OVERFLOW ON SP133 SIZE 16501K;

CREATE DSI CUSTOMER_267_DSI
DSO CUSTOMER_DSO
USING(2927,2937)
ALLOCATE PRIME ON SP134 SIZE 330001K,
OVERFLOW ON SP134 SIZE 16501K;

CREATE DSI CUSTOMER_268_DSI
DSO CUSTOMER_DSO
USING(2938,2948)
ALLOCATE PRIME ON SP134 SIZE 330001K,
OVERFLOW ON SP134 SIZE 16501K;

CREATE DSI CUSTOMER_269_DSI
DSO CUSTOMER_DSO
USING(2949,2959)
ALLOCATE PRIME ON SP135 SIZE 330001K,
OVERFLOW ON SP135 SIZE 16501K;

CREATE DSI CUSTOMER_270_DSI
DSO CUSTOMER_DSO
USING(2960,2970)
ALLOCATE PRIME ON SP135 SIZE 330001K,
OVERFLOW ON SP135 SIZE 16501K;

CREATE DSI CUSTOMER_271_DSI
DSO CUSTOMER_DSO
USING(2971,2981)
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    ALLOCATE PRIME ON SP136 SIZE 330001K,
    OVERFLOW ON SP136 SIZE 16501K;

CREATE DSI CUSTOMER_272_DSI
DSO CUSTOMER_DSO
USING(2982,2992)
ALLOCATE PRIME ON SP136 SIZE 330001K,
OVERFLOW ON SP136 SIZE 16501K;

CREATE DSI CUSTOMER_273_DSI
DSO CUSTOMER_DSO
USING(2993,3003)
ALLOCATE PRIME ON SP137 SIZE 330001K,
OVERFLOW ON SP137 SIZE 16501K;

CREATE DSI CUSTOMER_274_DSI
DSO CUSTOMER_DSO
USING(3004,3014)
ALLOCATE PRIME ON SP137 SIZE 330001K,
OVERFLOW ON SP137 SIZE 16501K;

CREATE DSI CUSTOMER_275_DSI
DSO CUSTOMER_DSO
USING(3015,3025)
ALLOCATE PRIME ON SP138 SIZE 330001K,
OVERFLOW ON SP138 SIZE 16501K;

CREATE DSI CUSTOMER_276_DSI
DSO CUSTOMER_DSO
USING(3026,3036)
ALLOCATE PRIME ON SP138 SIZE 330001K,
OVERFLOW ON SP138 SIZE 16501K;

CREATE DSI CUSTOMER_277_DSI
DSO CUSTOMER_DSO
USING(3037,3047)
ALLOCATE PRIME ON SP139 SIZE 330001K,
OVERFLOW ON SP139 SIZE 16501K;

CREATE DSI CUSTOMER_278_DSI
DSO CUSTOMER_DSO
USING(3048,3058)
ALLOCATE PRIME ON SP139 SIZE 330001K,
OVERFLOW ON SP139 SIZE 16501K;

CREATE DSI CUSTOMER_279_DSI
DSO CUSTOMER_DSO
USING(3059,3069)
ALLOCATE PRIME ON SP140 SIZE 330001K,
OVERFLOW ON SP140 SIZE 16501K;

CREATE DSI CUSTOMER_280_DSI
DSO CUSTOMER_DSO
USING(3070,3080)
ALLOCATE PRIME ON SP140 SIZE 330001K,
OVERFLOW ON SP140 SIZE 16501K;

CREATE DSI CUSTOMER_281_DSI
DSO CUSTOMER_DSO
USING(3081,3091)
ALLOCATE PRIME ON SP141 SIZE 330001K,
OVERFLOW ON SP141 SIZE 16501K;

CREATE DSI CUSTOMER_282_DSI
DSO CUSTOMER_DSO
USING(3092,3102)
ALLOCATE PRIME ON SP141 SIZE 330001K,
OVERFLOW ON SP141 SIZE 16501K;

CREATE DSI CUSTOMER_283_DSI
DSO CUSTOMER_DSO
USING(3103,3113)
ALLOCATE PRIME ON SP142 SIZE 330001K,
OVERFLOW ON SP142 SIZE 16501K;

CREATE DSI CUSTOMER_284_DSI
DSO CUSTOMER_DSO
USING(3114,3124)
ALLOCATE PRIME ON SP142 SIZE 330001K,
OVERFLOW ON SP142 SIZE 16501K;

CREATE DSI CUSTOMER_285_DSI
DSO CUSTOMER_DSO
USING(3125,3135)
ALLOCATE PRIME ON SP143 SIZE 330001K,
OVERFLOW ON SP143 SIZE 16501K;

CREATE DSI CUSTOMER_286_DSI
DSO CUSTOMER_DSO
USING(3136,3146)
ALLOCATE PRIME ON SP143 SIZE 330001K,
OVERFLOW ON SP143 SIZE 16501K;

CREATE DSI CUSTOMER_287_DSI
DSO CUSTOMER_DSO
USING(3147,3157)
ALLOCATE PRIME ON SP144 SIZE 330001K,
OVERFLOW ON SP144 SIZE 16501K;

CREATE DSI CUSTOMER_288_DSI
DSO CUSTOMER_DSO
USING(3158,3168)
ALLOCATE PRIME ON SP144 SIZE 330001K,
OVERFLOW ON SP144 SIZE 16501K;

CREATE DSI CUSTOMER_289_DSI
DSO CUSTOMER_DSO
USING(3169,3179)
ALLOCATE PRIME ON SP145 SIZE 330001K,
OVERFLOW ON SP145 SIZE 16501K;

CREATE DSI CUSTOMER_290_DSI
DSO CUSTOMER_DSO
USING(3180,3190)
ALLOCATE PRIME ON SP145 SIZE 330001K,
OVERFLOW ON SP145 SIZE 16501K;

CREATE DSI CUSTOMER_291_DSI
DSO CUSTOMER_DSO
USING(3191,3201)
ALLOCATE PRIME ON SP146 SIZE 330001K,
OVERFLOW ON SP146 SIZE 16501K;

CREATE DSI CUSTOMER_292_DSI
DSO CUSTOMER_DSO
USING(3202,3212)

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    ALLOCATE PRIME ON SP146 SIZE 330001K,
    OVERFLOW ON SP146 SIZE 16501K;

CREATE DSI CUSTOMER_293_DSI
DSO CUSTOMER_DSO
USING(3213,3223)
ALLOCATE PRIME ON SP147 SIZE 330001K,
OVERFLOW ON SP147 SIZE 16501K;

CREATE DSI CUSTOMER_294_DSI
DSO CUSTOMER_DSO
USING(3224,3234)
ALLOCATE PRIME ON SP147 SIZE 330001K,
OVERFLOW ON SP147 SIZE 16501K;

CREATE DSI CUSTOMER_295_DSI
DSO CUSTOMER_DSO
USING(3235,3245)
ALLOCATE PRIME ON SP148 SIZE 330001K,
OVERFLOW ON SP148 SIZE 16501K;

CREATE DSI CUSTOMER_296_DSI
DSO CUSTOMER_DSO
USING(3246,3256)
ALLOCATE PRIME ON SP148 SIZE 330001K,
OVERFLOW ON SP148 SIZE 16501K;

CREATE DSI CUSTOMER_297_DSI
DSO CUSTOMER_DSO
USING(3257,3267)
ALLOCATE PRIME ON SP149 SIZE 330001K,
OVERFLOW ON SP149 SIZE 16501K;

CREATE DSI CUSTOMER_298_DSI
DSO CUSTOMER_DSO
USING(3268,3278)
ALLOCATE PRIME ON SP149 SIZE 330001K,
OVERFLOW ON SP149 SIZE 16501K;

CREATE DSI CUSTOMER_299_DSI
DSO CUSTOMER_DSO
USING(3279,3289)
ALLOCATE PRIME ON SP150 SIZE 330001K,
OVERFLOW ON SP150 SIZE 16501K;

CREATE DSI CUSTOMER_300_DSI
DSO CUSTOMER_DSO
USING(3290,3300)
ALLOCATE PRIME ON SP150 SIZE 330001K,
OVERFLOW ON SP150 SIZE 16501K;

CREATE DSI CUSTOMER_301_DSI
DSO CUSTOMER_DSO
USING(3301,3311)
ALLOCATE PRIME ON SP151 SIZE 330001K,
OVERFLOW ON SP151 SIZE 16501K;

CREATE DSI CUSTOMER_302_DSI
DSO CUSTOMER_DSO
USING(3312,3322)
ALLOCATE PRIME ON SP151 SIZE 330001K,
OVERFLOW ON SP151 SIZE 16501K;

CREATE DSI CUSTOMER_303_DSI
DSO CUSTOMER_DSO
USING(3323,3333)
ALLOCATE PRIME ON SP152 SIZE 330001K,
OVERFLOW ON SP152 SIZE 16501K;

CREATE DSI CUSTOMER_304_DSI
DSO CUSTOMER_DSO
USING(3334,3344)
ALLOCATE PRIME ON SP152 SIZE 330001K,
OVERFLOW ON SP152 SIZE 16501K;

CREATE DSI CUSTOMER_305_DSI
DSO CUSTOMER_DSO
USING(3345,3355)
ALLOCATE PRIME ON SP153 SIZE 330001K,
OVERFLOW ON SP153 SIZE 16501K;

CREATE DSI CUSTOMER_306_DSI
DSO CUSTOMER_DSO
USING(3356,3366)
ALLOCATE PRIME ON SP153 SIZE 330001K,
OVERFLOW ON SP153 SIZE 16501K;

CREATE DSI CUSTOMER_307_DSI
DSO CUSTOMER_DSO
USING(3367,3377)
ALLOCATE PRIME ON SP154 SIZE 330001K,
OVERFLOW ON SP154 SIZE 16501K;

CREATE DSI CUSTOMER_308_DSI
DSO CUSTOMER_DSO
USING(3378,3388)
ALLOCATE PRIME ON SP154 SIZE 330001K,
OVERFLOW ON SP154 SIZE 16501K;

CREATE DSI CUSTOMER_309_DSI
DSO CUSTOMER_DSO
USING(3389,3399)
ALLOCATE PRIME ON SP155 SIZE 330001K,
OVERFLOW ON SP155 SIZE 16501K;

CREATE DSI CUSTOMER_310_DSI
DSO CUSTOMER_DSO
USING(3400,3410)
ALLOCATE PRIME ON SP155 SIZE 330001K,
OVERFLOW ON SP155 SIZE 16501K;

CREATE DSI CUSTOMER_311_DSI
DSO CUSTOMER_DSO
USING(3411,3421)
ALLOCATE PRIME ON SP156 SIZE 330001K,
OVERFLOW ON SP156 SIZE 16501K;

CREATE DSI CUSTOMER_312_DSI
DSO CUSTOMER_DSO
USING(3422,3432)
ALLOCATE PRIME ON SP156 SIZE 330001K,
OVERFLOW ON SP156 SIZE 16501K;

CREATE DSI CUSTOMER_313_DSI
DSO CUSTOMER_DSO
USING(3433,3443)
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    ALLOCATE PRIME    ON SP157 SIZE 330001K,
    OVERFLOW ON SP157 SIZE 16501K;

CREATE DSI CUSTOMER_314_DSI
DSO CUSTOMER_DSO
USING(3444,3454)
ALLOCATE PRIME    ON SP157 SIZE 330001K,
OVERFLOW ON SP157 SIZE 16501K;

CREATE DSI CUSTOMER_315_DSI
DSO CUSTOMER_DSO
USING(3455,3465)
ALLOCATE PRIME    ON SP158 SIZE 330001K,
OVERFLOW ON SP158 SIZE 16501K;

CREATE DSI CUSTOMER_316_DSI
DSO CUSTOMER_DSO
USING(3466,3476)
ALLOCATE PRIME    ON SP158 SIZE 330001K,
OVERFLOW ON SP158 SIZE 16501K;

CREATE DSI CUSTOMER_317_DSI
DSO CUSTOMER_DSO
USING(3477,3487)
ALLOCATE PRIME    ON SP159 SIZE 330001K,
OVERFLOW ON SP159 SIZE 16501K;

CREATE DSI CUSTOMER_318_DSI
DSO CUSTOMER_DSO
USING(3488,3498)
ALLOCATE PRIME    ON SP159 SIZE 330001K,
OVERFLOW ON SP159 SIZE 16501K;

CREATE DSI CUSTOMER_319_DSI
DSO CUSTOMER_DSO
USING(3499,3509)
ALLOCATE PRIME    ON SP160 SIZE 330001K,
OVERFLOW ON SP160 SIZE 16501K;

CREATE DSI CUSTOMER_320_DSI
DSO CUSTOMER_DSO
USING(3510,3520)
ALLOCATE PRIME    ON SP160 SIZE 330001K,
OVERFLOW ON SP160 SIZE 16501K;

CREATE DSI CUSTOMER_321_DSI
DSO CUSTOMER_DSO
USING(3521,3531)
ALLOCATE PRIME    ON SP161 SIZE 330001K,
OVERFLOW ON SP161 SIZE 16501K;

CREATE DSI CUSTOMER_322_DSI
DSO CUSTOMER_DSO
USING(3532,3542)
ALLOCATE PRIME    ON SP161 SIZE 330001K,
OVERFLOW ON SP161 SIZE 16501K;

CREATE DSI CUSTOMER_323_DSI
DSO CUSTOMER_DSO
USING(3543,3553)
ALLOCATE PRIME    ON SP162 SIZE 330001K,
OVERFLOW ON SP162 SIZE 16501K;

CREATE DSI CUSTOMER_324_DSI
DSO CUSTOMER_DSO
USING(3554,3564)
ALLOCATE PRIME    ON SP162 SIZE 330001K,
OVERFLOW ON SP162 SIZE 16501K;

CREATE DSI CUSTOMER_325_DSI
DSO CUSTOMER_DSO
USING(3565,3575)
ALLOCATE PRIME    ON SP163 SIZE 330001K,
OVERFLOW ON SP163 SIZE 16501K;

CREATE DSI CUSTOMER_326_DSI
DSO CUSTOMER_DSO
USING(3576,3586)
ALLOCATE PRIME    ON SP163 SIZE 330001K,
OVERFLOW ON SP163 SIZE 16501K;

CREATE DSI CUSTOMER_327_DSI
DSO CUSTOMER_DSO
USING(3587,3597)
ALLOCATE PRIME    ON SP164 SIZE 330001K,
OVERFLOW ON SP164 SIZE 16501K;

CREATE DSI CUSTOMER_328_DSI
DSO CUSTOMER_DSO
USING(3598,3608)
ALLOCATE PRIME    ON SP164 SIZE 330001K,
OVERFLOW ON SP164 SIZE 16501K;

CREATE DSI CUSTOMER_329_DSI
DSO CUSTOMER_DSO
USING(3609,3619)
ALLOCATE PRIME    ON SP165 SIZE 330001K,
OVERFLOW ON SP165 SIZE 16501K;

CREATE DSI CUSTOMER_330_DSI
DSO CUSTOMER_DSO
USING(3620,3630)
ALLOCATE PRIME    ON SP165 SIZE 330001K,
OVERFLOW ON SP165 SIZE 16501K;

CREATE DSI CUSTOMER_331_DSI
DSO CUSTOMER_DSO
USING(3631,3641)
ALLOCATE PRIME    ON SP166 SIZE 330001K,
OVERFLOW ON SP166 SIZE 16501K;

CREATE DSI CUSTOMER_332_DSI
DSO CUSTOMER_DSO
USING(3642,3652)
ALLOCATE PRIME    ON SP166 SIZE 330001K,
OVERFLOW ON SP166 SIZE 16501K;

CREATE DSI CUSTOMER_333_DSI
DSO CUSTOMER_DSO
USING(3653,3663)
ALLOCATE PRIME    ON SP167 SIZE 330001K,
OVERFLOW ON SP167 SIZE 16501K;

CREATE DSI CUSTOMER_334_DSI
DSO CUSTOMER_DSO
USING(3664,3674)

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    ALLOCATE PRIME ON SP167 SIZE 330001K,
    OVERFLOW ON SP167 SIZE 16501K;

CREATE DSI CUSTOMER_335_DSI
DSO CUSTOMER_DSO
USING(3675,3685)
ALLOCATE PRIME ON SP168 SIZE 330001K,
OVERFLOW ON SP168 SIZE 16501K;

CREATE DSI CUSTOMER_336_DSI
DSO CUSTOMER_DSO
USING(3686,3696)
ALLOCATE PRIME ON SP168 SIZE 330001K,
OVERFLOW ON SP168 SIZE 16501K;

CREATE DSI CUSTOMER_337_DSI
DSO CUSTOMER_DSO
USING(3697,3707)
ALLOCATE PRIME ON SP169 SIZE 330001K,
OVERFLOW ON SP169 SIZE 16501K;

CREATE DSI CUSTOMER_338_DSI
DSO CUSTOMER_DSO
USING(3708,3718)
ALLOCATE PRIME ON SP169 SIZE 330001K,
OVERFLOW ON SP169 SIZE 16501K;

CREATE DSI CUSTOMER_339_DSI
DSO CUSTOMER_DSO
USING(3719,3729)
ALLOCATE PRIME ON SP170 SIZE 330001K,
OVERFLOW ON SP170 SIZE 16501K;

CREATE DSI CUSTOMER_340_DSI
DSO CUSTOMER_DSO
USING(3730,3740)
ALLOCATE PRIME ON SP170 SIZE 330001K,
OVERFLOW ON SP170 SIZE 16501K;

CREATE DSI CUSTOMER_341_DSI
DSO CUSTOMER_DSO
USING(3741,3751)
ALLOCATE PRIME ON SP171 SIZE 330001K,
OVERFLOW ON SP171 SIZE 16501K;

CREATE DSI CUSTOMER_342_DSI
DSO CUSTOMER_DSO
USING(3752,3762)
ALLOCATE PRIME ON SP171 SIZE 330001K,
OVERFLOW ON SP171 SIZE 16501K;

CREATE DSI CUSTOMER_343_DSI
DSO CUSTOMER_DSO
USING(3763,3773)
ALLOCATE PRIME ON SP172 SIZE 330001K,
OVERFLOW ON SP172 SIZE 16501K;

CREATE DSI CUSTOMER_344_DSI
DSO CUSTOMER_DSO
USING(3774,3784)
ALLOCATE PRIME ON SP172 SIZE 330001K,
OVERFLOW ON SP172 SIZE 16501K;

CREATE DSI CUSTOMER_345_DSI
DSO CUSTOMER_DSO
USING(3785,3795)
ALLOCATE PRIME ON SP173 SIZE 330001K,
OVERFLOW ON SP173 SIZE 16501K;

CREATE DSI CUSTOMER_346_DSI
DSO CUSTOMER_DSO
USING(3796,3806)
ALLOCATE PRIME ON SP173 SIZE 330001K,
OVERFLOW ON SP173 SIZE 16501K;

CREATE DSI CUSTOMER_347_DSI
DSO CUSTOMER_DSO
USING(3807,3817)
ALLOCATE PRIME ON SP174 SIZE 330001K,
OVERFLOW ON SP174 SIZE 16501K;

CREATE DSI CUSTOMER_348_DSI
DSO CUSTOMER_DSO
USING(3818,3828)
ALLOCATE PRIME ON SP174 SIZE 330001K,
OVERFLOW ON SP174 SIZE 16501K;

CREATE DSI CUSTOMER_349_DSI
DSO CUSTOMER_DSO
USING(3829,3839)
ALLOCATE PRIME ON SP175 SIZE 330001K,
OVERFLOW ON SP175 SIZE 16501K;

CREATE DSI CUSTOMER_350_DSI
DSO CUSTOMER_DSO
USING(3840,3850)
ALLOCATE PRIME ON SP175 SIZE 330001K,
OVERFLOW ON SP175 SIZE 16501K;

CREATE DSI CUSTOMER_351_DSI
DSO CUSTOMER_DSO
USING(3851,3861)
ALLOCATE PRIME ON SP176 SIZE 330001K,
OVERFLOW ON SP176 SIZE 16501K;

CREATE DSI CUSTOMER_352_DSI
DSO CUSTOMER_DSO
USING(3862,3872)
ALLOCATE PRIME ON SP176 SIZE 330001K,
OVERFLOW ON SP176 SIZE 16501K;

CREATE DSI CUSTOMER_353_DSI
DSO CUSTOMER_DSO
USING(3873,3883)
ALLOCATE PRIME ON SP177 SIZE 330001K,
OVERFLOW ON SP177 SIZE 16501K;

CREATE DSI CUSTOMER_354_DSI
DSO CUSTOMER_DSO
USING(3884,3894)
ALLOCATE PRIME ON SP177 SIZE 330001K,
OVERFLOW ON SP177 SIZE 16501K;

CREATE DSI CUSTOMER_355_DSI
DSO CUSTOMER_DSO
USING(3895,3905)
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    ALLOCATE PRIME ON SP178 SIZE 330001K,
    OVERFLOW ON SP178 SIZE 16501K;

CREATE DSI CUSTOMER_356_DSI
DSO CUSTOMER_DSO
USING(3906,3916)
ALLOCATE PRIME ON SP178 SIZE 330001K,
OVERFLOW ON SP178 SIZE 16501K;

CREATE DSI CUSTOMER_357_DSI
DSO CUSTOMER_DSO
USING(3917,3927)
ALLOCATE PRIME ON SP179 SIZE 330001K,
OVERFLOW ON SP179 SIZE 16501K;

CREATE DSI CUSTOMER_358_DSI
DSO CUSTOMER_DSO
USING(3928,3938)
ALLOCATE PRIME ON SP179 SIZE 330001K,
OVERFLOW ON SP179 SIZE 16501K;

CREATE DSI CUSTOMER_359_DSI
DSO CUSTOMER_DSO
USING(3939,3949)
ALLOCATE PRIME ON SP180 SIZE 330001K,
OVERFLOW ON SP180 SIZE 16501K;

CREATE DSI CUSTOMER_360_DSI
DSO CUSTOMER_DSO
USING(3950,3960)
ALLOCATE PRIME ON SP180 SIZE 330001K,
OVERFLOW ON SP180 SIZE 16501K;

CREATE DSI CUSTOMER_361_DSI
DSO CUSTOMER_DSO
USING(3961,3971)
ALLOCATE PRIME ON SP181 SIZE 330001K,
OVERFLOW ON SP181 SIZE 16501K;

CREATE DSI CUSTOMER_362_DSI
DSO CUSTOMER_DSO
USING(3972,3982)
ALLOCATE PRIME ON SP181 SIZE 330001K,
OVERFLOW ON SP181 SIZE 16501K;

CREATE DSI CUSTOMER_363_DSI
DSO CUSTOMER_DSO
USING(3983,3993)
ALLOCATE PRIME ON SP182 SIZE 330001K,
OVERFLOW ON SP182 SIZE 16501K;

CREATE DSI CUSTOMER_364_DSI
DSO CUSTOMER_DSO
USING(3994,4004)
ALLOCATE PRIME ON SP182 SIZE 330001K,
OVERFLOW ON SP182 SIZE 16501K;

CREATE DSI CUSTOMER_365_DSI
DSO CUSTOMER_DSO
USING(4005,4015)
ALLOCATE PRIME ON SP183 SIZE 330001K,
OVERFLOW ON SP183 SIZE 16501K;

CREATE DSI CUSTOMER_366_DSI
DSO CUSTOMER_DSO
USING(4016,4026)
ALLOCATE PRIME ON SP183 SIZE 330001K,
OVERFLOW ON SP183 SIZE 16501K;

CREATE DSI CUSTOMER_367_DSI
DSO CUSTOMER_DSO
USING(4027,4037)
ALLOCATE PRIME ON SP184 SIZE 330001K,
OVERFLOW ON SP184 SIZE 16501K;

CREATE DSI CUSTOMER_368_DSI
DSO CUSTOMER_DSO
USING(4038,4048)
ALLOCATE PRIME ON SP184 SIZE 330001K,
OVERFLOW ON SP184 SIZE 16501K;

CREATE DSI CUSTOMER_369_DSI
DSO CUSTOMER_DSO
USING(4049,4059)
ALLOCATE PRIME ON SP185 SIZE 330001K,
OVERFLOW ON SP185 SIZE 16501K;

CREATE DSI CUSTOMER_370_DSI
DSO CUSTOMER_DSO
USING(4060,4070)
ALLOCATE PRIME ON SP185 SIZE 330001K,
OVERFLOW ON SP185 SIZE 16501K;

CREATE DSI CUSTOMER_371_DSI
DSO CUSTOMER_DSO
USING(4071,4081)
ALLOCATE PRIME ON SP186 SIZE 330001K,
OVERFLOW ON SP186 SIZE 16501K;

CREATE DSI CUSTOMER_372_DSI
DSO CUSTOMER_DSO
USING(4082,4092)
ALLOCATE PRIME ON SP186 SIZE 330001K,
OVERFLOW ON SP186 SIZE 16501K;

CREATE DSI CUSTOMER_373_DSI
DSO CUSTOMER_DSO
USING(4093,4103)
ALLOCATE PRIME ON SP187 SIZE 330001K,
OVERFLOW ON SP187 SIZE 16501K;

CREATE DSI CUSTOMER_374_DSI
DSO CUSTOMER_DSO
USING(4104,4114)
ALLOCATE PRIME ON SP187 SIZE 330001K,
OVERFLOW ON SP187 SIZE 16501K;

CREATE DSI CUSTOMER_375_DSI
DSO CUSTOMER_DSO
USING(4115,4125)
ALLOCATE PRIME ON SP188 SIZE 330001K,
OVERFLOW ON SP188 SIZE 16501K;

CREATE DSI CUSTOMER_376_DSI
DSO CUSTOMER_DSO
USING(4126,4136)

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    ALLOCATE PRIME ON SP188 SIZE 330001K,
    OVERFLOW ON SP188 SIZE 16501K;

CREATE DSI CUSTOMER_377_DSI
DSO CUSTOMER_DSO
USING(4137,4147)
ALLOCATE PRIME ON SP189 SIZE 330001K,
OVERFLOW ON SP189 SIZE 16501K;

CREATE DSI CUSTOMER_378_DSI
DSO CUSTOMER_DSO
USING(4148,4158)
ALLOCATE PRIME ON SP189 SIZE 330001K,
OVERFLOW ON SP189 SIZE 16501K;

CREATE DSI CUSTOMER_379_DSI
DSO CUSTOMER_DSO
USING(4159,4169)
ALLOCATE PRIME ON SP190 SIZE 330001K,
OVERFLOW ON SP190 SIZE 16501K;

CREATE DSI CUSTOMER_380_DSI
DSO CUSTOMER_DSO
USING(4170,4180)
ALLOCATE PRIME ON SP190 SIZE 330001K,
OVERFLOW ON SP190 SIZE 16501K;

CREATE DSI CUSTOMER_381_DSI
DSO CUSTOMER_DSO
USING(4181,4191)
ALLOCATE PRIME ON SP191 SIZE 330001K,
OVERFLOW ON SP191 SIZE 16501K;

CREATE DSI CUSTOMER_382_DSI
DSO CUSTOMER_DSO
USING(4192,4202)
ALLOCATE PRIME ON SP191 SIZE 330001K,
OVERFLOW ON SP191 SIZE 16501K;

CREATE DSI CUSTOMER_383_DSI
DSO CUSTOMER_DSO
USING(4203,4213)
ALLOCATE PRIME ON SP192 SIZE 330001K,
OVERFLOW ON SP192 SIZE 16501K;

CREATE DSI CUSTOMER_384_DSI
DSO CUSTOMER_DSO
USING(4214,4224)
ALLOCATE PRIME ON SP192 SIZE 330001K,
OVERFLOW ON SP192 SIZE 16501K;

CREATE DSI CUSTOMER_385_DSI
DSO CUSTOMER_DSO
USING(4225,4235)
ALLOCATE PRIME ON SP193 SIZE 330001K,
OVERFLOW ON SP193 SIZE 16501K;

CREATE DSI CUSTOMER_386_DSI
DSO CUSTOMER_DSO
USING(4236,4246)
ALLOCATE PRIME ON SP193 SIZE 330001K,
OVERFLOW ON SP193 SIZE 16501K;

CREATE DSI CUSTOMER_387_DSI
DSO CUSTOMER_DSO
USING(4247,4257)
ALLOCATE PRIME ON SP194 SIZE 330001K,
OVERFLOW ON SP194 SIZE 16501K;

CREATE DSI CUSTOMER_388_DSI
DSO CUSTOMER_DSO
USING(4258,4268)
ALLOCATE PRIME ON SP194 SIZE 330001K,
OVERFLOW ON SP194 SIZE 16501K;

CREATE DSI CUSTOMER_389_DSI
DSO CUSTOMER_DSO
USING(4269,4279)
ALLOCATE PRIME ON SP195 SIZE 330001K,
OVERFLOW ON SP195 SIZE 16501K;

CREATE DSI CUSTOMER_390_DSI
DSO CUSTOMER_DSO
USING(4280,4290)
ALLOCATE PRIME ON SP195 SIZE 330001K,
OVERFLOW ON SP195 SIZE 16501K;

CREATE DSI CUSTOMER_391_DSI
DSO CUSTOMER_DSO
USING(4291,4301)
ALLOCATE PRIME ON SP196 SIZE 330001K,
OVERFLOW ON SP196 SIZE 16501K;

CREATE DSI CUSTOMER_392_DSI
DSO CUSTOMER_DSO
USING(4302,4312)
ALLOCATE PRIME ON SP196 SIZE 330001K,
OVERFLOW ON SP196 SIZE 16501K;

CREATE DSI CUSTOMER_393_DSI
DSO CUSTOMER_DSO
USING(4313,4323)
ALLOCATE PRIME ON SP197 SIZE 330001K,
OVERFLOW ON SP197 SIZE 16501K;

CREATE DSI CUSTOMER_394_DSI
DSO CUSTOMER_DSO
USING(4324,4334)
ALLOCATE PRIME ON SP197 SIZE 330001K,
OVERFLOW ON SP197 SIZE 16501K;

CREATE DSI CUSTOMER_395_DSI
DSO CUSTOMER_DSO
USING(4335,4345)
ALLOCATE PRIME ON SP198 SIZE 330001K,
OVERFLOW ON SP198 SIZE 16501K;

CREATE DSI CUSTOMER_396_DSI
DSO CUSTOMER_DSO
USING(4346,4356)
ALLOCATE PRIME ON SP198 SIZE 330001K,
OVERFLOW ON SP198 SIZE 16501K;

CREATE DSI CUSTOMER_397_DSI
DSO CUSTOMER_DSO
USING(4357,4367)
```

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    ALLOCATE PRIME ON SP199 SIZE 330001K,
    OVERFLOW ON SP199 SIZE 16501K;

CREATE DSI CUSTOMER_398_DSI
DSO CUSTOMER_DSO
USING(4368,4378)
ALLOCATE PRIME ON SP199 SIZE 330001K,
OVERFLOW ON SP199 SIZE 16501K;

CREATE DSI CUSTOMER_399_DSI
DSO CUSTOMER_DSO
USING(4379,4389)
ALLOCATE PRIME ON SP200 SIZE 330001K,
OVERFLOW ON SP200 SIZE 16501K;

CREATE DSI CUSTOMER_400_DSI
DSO CUSTOMER_DSO
USING(4390,4400)
ALLOCATE PRIME ON SP200 SIZE 330001K,
OVERFLOW ON SP200 SIZE 16501K;

CREATE DSI CUSTOMER_401_DSI
DSO CUSTOMER_DSO
USING(4401,4411)
ALLOCATE PRIME ON SP201 SIZE 330001K,
OVERFLOW ON SP201 SIZE 16501K;

CREATE DSI CUSTOMER_402_DSI
DSO CUSTOMER_DSO
USING(4412,4422)
ALLOCATE PRIME ON SP201 SIZE 330001K,
OVERFLOW ON SP201 SIZE 16501K;

CREATE DSI CUSTOMER_403_DSI
DSO CUSTOMER_DSO
USING(4423,4433)
ALLOCATE PRIME ON SP202 SIZE 330001K,
OVERFLOW ON SP202 SIZE 16501K;

CREATE DSI CUSTOMER_404_DSI
DSO CUSTOMER_DSO
USING(4434,4444)
ALLOCATE PRIME ON SP202 SIZE 330001K,
OVERFLOW ON SP202 SIZE 16501K;

CREATE DSI CUSTOMER_405_DSI
DSO CUSTOMER_DSO
USING(4445,4455)
ALLOCATE PRIME ON SP203 SIZE 330001K,
OVERFLOW ON SP203 SIZE 16501K;

CREATE DSI CUSTOMER_406_DSI
DSO CUSTOMER_DSO
USING(4456,4466)
ALLOCATE PRIME ON SP203 SIZE 330001K,
OVERFLOW ON SP203 SIZE 16501K;

CREATE DSI CUSTOMER_407_DSI
DSO CUSTOMER_DSO
USING(4467,4477)
ALLOCATE PRIME ON SP204 SIZE 330001K,
OVERFLOW ON SP204 SIZE 16501K;

CREATE DSI CUSTOMER_408_DSI
DSO CUSTOMER_DSO
USING(4478,4488)
ALLOCATE PRIME ON SP204 SIZE 330001K,
OVERFLOW ON SP204 SIZE 16501K;

CREATE DSI CUSTOMER_409_DSI
DSO CUSTOMER_DSO
USING(4489,4499)
ALLOCATE PRIME ON SP205 SIZE 330001K,
OVERFLOW ON SP205 SIZE 16501K;

CREATE DSI CUSTOMER_410_DSI
DSO CUSTOMER_DSO
USING(4500,4510)
ALLOCATE PRIME ON SP205 SIZE 330001K,
OVERFLOW ON SP205 SIZE 16501K;

CREATE DSI CUSTOMER_411_DSI
DSO CUSTOMER_DSO
USING(4511,4521)
ALLOCATE PRIME ON SP206 SIZE 330001K,
OVERFLOW ON SP206 SIZE 16501K;

CREATE DSI CUSTOMER_412_DSI
DSO CUSTOMER_DSO
USING(4522,4532)
ALLOCATE PRIME ON SP206 SIZE 330001K,
OVERFLOW ON SP206 SIZE 16501K;

CREATE DSI CUSTOMER_413_DSI
DSO CUSTOMER_DSO
USING(4533,4543)
ALLOCATE PRIME ON SP207 SIZE 330001K,
OVERFLOW ON SP207 SIZE 16501K;

CREATE DSI CUSTOMER_414_DSI
DSO CUSTOMER_DSO
USING(4544,4554)
ALLOCATE PRIME ON SP207 SIZE 330001K,
OVERFLOW ON SP207 SIZE 16501K;

CREATE DSI CUSTOMER_415_DSI
DSO CUSTOMER_DSO
USING(4555,4565)
ALLOCATE PRIME ON SP208 SIZE 330001K,
OVERFLOW ON SP208 SIZE 16501K;

CREATE DSI CUSTOMER_416_DSI
DSO CUSTOMER_DSO
USING(4566,4576)
ALLOCATE PRIME ON SP208 SIZE 330001K,
OVERFLOW ON SP208 SIZE 16501K;

CREATE DSI CUSTOMER_417_DSI
DSO CUSTOMER_DSO
USING(4577,4587)
ALLOCATE PRIME ON SP209 SIZE 330001K,
OVERFLOW ON SP209 SIZE 16501K;

CREATE DSI CUSTOMER_418_DSI
DSO CUSTOMER_DSO
USING(4588,4598)

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    ALLOCATE PRIME ON SP209 SIZE 330001K,
    OVERFLOW ON SP209 SIZE 16501K;

CREATE DSI CUSTOMER_419_DSI
DSO CUSTOMER_DSO
USING(4599,4609)
ALLOCATE PRIME ON SP210 SIZE 330001K,
OVERFLOW ON SP210 SIZE 16501K;

CREATE DSI CUSTOMER_420_DSI
DSO CUSTOMER_DSO
USING(4610,4620)
ALLOCATE PRIME ON SP210 SIZE 330001K,
OVERFLOW ON SP210 SIZE 16501K;

CREATE DSI CUSTOMER_421_DSI
DSO CUSTOMER_DSO
USING(4621,4631)
ALLOCATE PRIME ON SP211 SIZE 330001K,
OVERFLOW ON SP211 SIZE 16501K;

CREATE DSI CUSTOMER_422_DSI
DSO CUSTOMER_DSO
USING(4632,4642)
ALLOCATE PRIME ON SP211 SIZE 330001K,
OVERFLOW ON SP211 SIZE 16501K;

CREATE DSI CUSTOMER_423_DSI
DSO CUSTOMER_DSO
USING(4643,4653)
ALLOCATE PRIME ON SP212 SIZE 330001K,
OVERFLOW ON SP212 SIZE 16501K;

CREATE DSI CUSTOMER_424_DSI
DSO CUSTOMER_DSO
USING(4654,4664)
ALLOCATE PRIME ON SP212 SIZE 330001K,
OVERFLOW ON SP212 SIZE 16501K;

CREATE DSI CUSTOMER_425_DSI
DSO CUSTOMER_DSO
USING(4665,4675)
ALLOCATE PRIME ON SP213 SIZE 330001K,
OVERFLOW ON SP213 SIZE 16501K;

CREATE DSI CUSTOMER_426_DSI
DSO CUSTOMER_DSO
USING(4676,4686)
ALLOCATE PRIME ON SP213 SIZE 330001K,
OVERFLOW ON SP213 SIZE 16501K;

CREATE DSI CUSTOMER_427_DSI
DSO CUSTOMER_DSO
USING(4687,4697)
ALLOCATE PRIME ON SP214 SIZE 330001K,
OVERFLOW ON SP214 SIZE 16501K;

CREATE DSI CUSTOMER_428_DSI
DSO CUSTOMER_DSO
USING(4698,4708)
ALLOCATE PRIME ON SP214 SIZE 330001K,
OVERFLOW ON SP214 SIZE 16501K;

CREATE DSI CUSTOMER_429_DSI
DSO CUSTOMER_DSO
USING(4709,4719)
ALLOCATE PRIME ON SP215 SIZE 330001K,
OVERFLOW ON SP215 SIZE 16501K;

CREATE DSI CUSTOMER_430_DSI
DSO CUSTOMER_DSO
USING(4720,4730)
ALLOCATE PRIME ON SP215 SIZE 330001K,
OVERFLOW ON SP215 SIZE 16501K;

CREATE DSI CUSTOMER_431_DSI
DSO CUSTOMER_DSO
USING(4731,4741)
ALLOCATE PRIME ON SP216 SIZE 330001K,
OVERFLOW ON SP216 SIZE 16501K;

CREATE DSI CUSTOMER_432_DSI
DSO CUSTOMER_DSO
USING(4742,4752)
ALLOCATE PRIME ON SP216 SIZE 330001K,
OVERFLOW ON SP216 SIZE 16501K;

CREATE DSI CUSTOMER_433_DSI
DSO CUSTOMER_DSO
USING(4753,4763)
ALLOCATE PRIME ON SP217 SIZE 330001K,
OVERFLOW ON SP217 SIZE 16501K;

CREATE DSI CUSTOMER_434_DSI
DSO CUSTOMER_DSO
USING(4764,4774)
ALLOCATE PRIME ON SP217 SIZE 330001K,
OVERFLOW ON SP217 SIZE 16501K;

CREATE DSI CUSTOMER_435_DSI
DSO CUSTOMER_DSO
USING(4775,4785)
ALLOCATE PRIME ON SP218 SIZE 330001K,
OVERFLOW ON SP218 SIZE 16501K;

CREATE DSI CUSTOMER_436_DSI
DSO CUSTOMER_DSO
USING(4786,4796)
ALLOCATE PRIME ON SP218 SIZE 330001K,
OVERFLOW ON SP218 SIZE 16501K;

CREATE DSI CUSTOMER_437_DSI
DSO CUSTOMER_DSO
USING(4797,4807)
ALLOCATE PRIME ON SP219 SIZE 330001K,
OVERFLOW ON SP219 SIZE 16501K;

CREATE DSI CUSTOMER_438_DSI
DSO CUSTOMER_DSO
USING(4808,4818)
ALLOCATE PRIME ON SP219 SIZE 330001K,
OVERFLOW ON SP219 SIZE 16501K;

CREATE DSI CUSTOMER_439_DSI
DSO CUSTOMER_DSO
USING(4819,4829)
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    ALLOCATE PRIME ON SP220 SIZE 330001K,
    OVERFLOW ON SP220 SIZE 16501K;

CREATE DSI CUSTOMER_440_DSI
DSO CUSTOMER_DSO
USING(4830,4840)
ALLOCATE PRIME ON SP220 SIZE 330001K,
OVERFLOW ON SP220 SIZE 16501K;

CREATE DSI CUSTOMER_441_DSI
DSO CUSTOMER_DSO
USING(4841,4851)
ALLOCATE PRIME ON SP221 SIZE 330001K,
OVERFLOW ON SP221 SIZE 16501K;

CREATE DSI CUSTOMER_442_DSI
DSO CUSTOMER_DSO
USING(4852,4862)
ALLOCATE PRIME ON SP221 SIZE 330001K,
OVERFLOW ON SP221 SIZE 16501K;

CREATE DSI CUSTOMER_443_DSI
DSO CUSTOMER_DSO
USING(4863,4873)
ALLOCATE PRIME ON SP222 SIZE 330001K,
OVERFLOW ON SP222 SIZE 16501K;

CREATE DSI CUSTOMER_444_DSI
DSO CUSTOMER_DSO
USING(4874,4884)
ALLOCATE PRIME ON SP222 SIZE 330001K,
OVERFLOW ON SP222 SIZE 16501K;

CREATE DSI CUSTOMER_445_DSI
DSO CUSTOMER_DSO
USING(4885,4895)
ALLOCATE PRIME ON SP223 SIZE 330001K,
OVERFLOW ON SP223 SIZE 16501K;

CREATE DSI CUSTOMER_446_DSI
DSO CUSTOMER_DSO
USING(4896,4906)
ALLOCATE PRIME ON SP223 SIZE 330001K,
OVERFLOW ON SP223 SIZE 16501K;

CREATE DSI CUSTOMER_447_DSI
DSO CUSTOMER_DSO
USING(4907,4917)
ALLOCATE PRIME ON SP224 SIZE 330001K,
OVERFLOW ON SP224 SIZE 16501K;

CREATE DSI CUSTOMER_448_DSI
DSO CUSTOMER_DSO
USING(4918,4928)
ALLOCATE PRIME ON SP224 SIZE 330001K,
OVERFLOW ON SP224 SIZE 16501K;

CREATE DSI CUSTOMER_449_DSI
DSO CUSTOMER_DSO
USING(4929,4939)
ALLOCATE PRIME ON SP225 SIZE 330001K,
OVERFLOW ON SP225 SIZE 16501K;

CREATE DSI CUSTOMER_450_DSI
DSO CUSTOMER_DSO
USING(4940,4950)
ALLOCATE PRIME ON SP225 SIZE 330001K,
OVERFLOW ON SP225 SIZE 16501K;

CREATE DSI CUSTOMER_451_DSI
DSO CUSTOMER_DSO
USING(4951,4961)
ALLOCATE PRIME ON SP226 SIZE 330001K,
OVERFLOW ON SP226 SIZE 16501K;

CREATE DSI CUSTOMER_452_DSI
DSO CUSTOMER_DSO
USING(4962,4972)
ALLOCATE PRIME ON SP226 SIZE 330001K,
OVERFLOW ON SP226 SIZE 16501K;

CREATE DSI CUSTOMER_453_DSI
DSO CUSTOMER_DSO
USING(4973,4983)
ALLOCATE PRIME ON SP227 SIZE 330001K,
OVERFLOW ON SP227 SIZE 16501K;

CREATE DSI CUSTOMER_454_DSI
DSO CUSTOMER_DSO
USING(4984,4994)
ALLOCATE PRIME ON SP227 SIZE 330001K,
OVERFLOW ON SP227 SIZE 16501K;

CREATE DSI CUSTOMER_455_DSI
DSO CUSTOMER_DSO
USING(4995,5005)
ALLOCATE PRIME ON SP228 SIZE 330001K,
OVERFLOW ON SP228 SIZE 16501K;

CREATE DSI CUSTOMER_456_DSI
DSO CUSTOMER_DSO
USING(5006,5016)
ALLOCATE PRIME ON SP228 SIZE 330001K,
OVERFLOW ON SP228 SIZE 16501K;

CREATE DSI CUSTOMER_457_DSI
DSO CUSTOMER_DSO
USING(5017,5027)
ALLOCATE PRIME ON SP229 SIZE 330001K,
OVERFLOW ON SP229 SIZE 16501K;

CREATE DSI CUSTOMER_458_DSI
DSO CUSTOMER_DSO
USING(5028,5038)
ALLOCATE PRIME ON SP229 SIZE 330001K,
OVERFLOW ON SP229 SIZE 16501K;

CREATE DSI CUSTOMER_459_DSI
DSO CUSTOMER_DSO
USING(5039,5049)
ALLOCATE PRIME ON SP230 SIZE 330001K,
OVERFLOW ON SP230 SIZE 16501K;

CREATE DSI CUSTOMER_460_DSI
DSO CUSTOMER_DSO
USING(5050,5060)

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    ALLOCATE PRIME ON SP230 SIZE 330001K,
    OVERFLOW ON SP230 SIZE 16501K;

CREATE DSI CUSTOMER_461_DSI
DSO CUSTOMER_DSO
USING(5061,5071)
ALLOCATE PRIME ON SP231 SIZE 330001K,
OVERFLOW ON SP231 SIZE 16501K;

CREATE DSI CUSTOMER_462_DSI
DSO CUSTOMER_DSO
USING(5072,5082)
ALLOCATE PRIME ON SP231 SIZE 330001K,
OVERFLOW ON SP231 SIZE 16501K;

CREATE DSI CUSTOMER_463_DSI
DSO CUSTOMER_DSO
USING(5083,5093)
ALLOCATE PRIME ON SP232 SIZE 330001K,
OVERFLOW ON SP232 SIZE 16501K;

CREATE DSI CUSTOMER_464_DSI
DSO CUSTOMER_DSO
USING(5094,5104)
ALLOCATE PRIME ON SP232 SIZE 330001K,
OVERFLOW ON SP232 SIZE 16501K;

CREATE DSI CUSTOMER_465_DSI
DSO CUSTOMER_DSO
USING(5105,5115)
ALLOCATE PRIME ON SP233 SIZE 330001K,
OVERFLOW ON SP233 SIZE 16501K;

CREATE DSI CUSTOMER_466_DSI
DSO CUSTOMER_DSO
USING(5116,5126)
ALLOCATE PRIME ON SP233 SIZE 330001K,
OVERFLOW ON SP233 SIZE 16501K;

CREATE DSI CUSTOMER_467_DSI
DSO CUSTOMER_DSO
USING(5127,5137)
ALLOCATE PRIME ON SP234 SIZE 330001K,
OVERFLOW ON SP234 SIZE 16501K;

CREATE DSI CUSTOMER_468_DSI
DSO CUSTOMER_DSO
USING(5138,5148)
ALLOCATE PRIME ON SP234 SIZE 330001K,
OVERFLOW ON SP234 SIZE 16501K;

CREATE DSI CUSTOMER_469_DSI
DSO CUSTOMER_DSO
USING(5149,5159)
ALLOCATE PRIME ON SP235 SIZE 330001K,
OVERFLOW ON SP235 SIZE 16501K;

CREATE DSI CUSTOMER_470_DSI
DSO CUSTOMER_DSO
USING(5160,5170)
ALLOCATE PRIME ON SP235 SIZE 330001K,
OVERFLOW ON SP235 SIZE 16501K;

CREATE DSI CUSTOMER_471_DSI
DSO CUSTOMER_DSO
USING(5171,5181)
ALLOCATE PRIME ON SP236 SIZE 330001K,
OVERFLOW ON SP236 SIZE 16501K;

CREATE DSI CUSTOMER_472_DSI
DSO CUSTOMER_DSO
USING(5182,5192)
ALLOCATE PRIME ON SP236 SIZE 330001K,
OVERFLOW ON SP236 SIZE 16501K;

CREATE DSI CUSTOMER_473_DSI
DSO CUSTOMER_DSO
USING(5193,5203)
ALLOCATE PRIME ON SP237 SIZE 330001K,
OVERFLOW ON SP237 SIZE 16501K;

CREATE DSI CUSTOMER_474_DSI
DSO CUSTOMER_DSO
USING(5204,5214)
ALLOCATE PRIME ON SP237 SIZE 330001K,
OVERFLOW ON SP237 SIZE 16501K;

CREATE DSI CUSTOMER_475_DSI
DSO CUSTOMER_DSO
USING(5215,5225)
ALLOCATE PRIME ON SP238 SIZE 330001K,
OVERFLOW ON SP238 SIZE 16501K;

CREATE DSI CUSTOMER_476_DSI
DSO CUSTOMER_DSO
USING(5226,5236)
ALLOCATE PRIME ON SP238 SIZE 330001K,
OVERFLOW ON SP238 SIZE 16501K;

CREATE DSI CUSTOMER_477_DSI
DSO CUSTOMER_DSO
USING(5237,5247)
ALLOCATE PRIME ON SP239 SIZE 330001K,
OVERFLOW ON SP239 SIZE 16501K;

CREATE DSI CUSTOMER_478_DSI
DSO CUSTOMER_DSO
USING(5248,5258)
ALLOCATE PRIME ON SP239 SIZE 330001K,
OVERFLOW ON SP239 SIZE 16501K;

CREATE DSI CUSTOMER_479_DSI
DSO CUSTOMER_DSO
USING(5259,5269)
ALLOCATE PRIME ON SP240 SIZE 330001K,
OVERFLOW ON SP240 SIZE 16501K;

CREATE DSI CUSTOMER_480_DSI
DSO CUSTOMER_DSO
USING(5270,5280)
ALLOCATE PRIME ON SP240 SIZE 330001K,
OVERFLOW ON SP240 SIZE 16501K;

CREATE DSI CUSTOMER_481_DSI
DSO CUSTOMER_DSO
USING(5281,5291)
```



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    ALLOCATE PRIME    ON SP241 SIZE 330001K,
    OVERFLOW ON SP241 SIZE 16501K;

CREATE DSI CUSTOMER_482_DSI
DSO CUSTOMER_DSO
USING(5292,5302)
ALLOCATE PRIME    ON SP241 SIZE 330001K,
OVERFLOW ON SP241 SIZE 16501K;

CREATE DSI CUSTOMER_483_DSI
DSO CUSTOMER_DSO
USING(5303,5313)
ALLOCATE PRIME    ON SP242 SIZE 330001K,
OVERFLOW ON SP242 SIZE 16501K;

CREATE DSI CUSTOMER_484_DSI
DSO CUSTOMER_DSO
USING(5314,5324)
ALLOCATE PRIME    ON SP242 SIZE 330001K,
OVERFLOW ON SP242 SIZE 16501K;

CREATE DSI CUSTOMER_485_DSI
DSO CUSTOMER_DSO
USING(5325,5335)
ALLOCATE PRIME    ON SP243 SIZE 330001K,
OVERFLOW ON SP243 SIZE 16501K;

CREATE DSI CUSTOMER_486_DSI
DSO CUSTOMER_DSO
USING(5336,5346)
ALLOCATE PRIME    ON SP243 SIZE 330001K,
OVERFLOW ON SP243 SIZE 16501K;

CREATE DSI CUSTOMER_487_DSI
DSO CUSTOMER_DSO
USING(5347,5357)
ALLOCATE PRIME    ON SP244 SIZE 330001K,
OVERFLOW ON SP244 SIZE 16501K;

CREATE DSI CUSTOMER_488_DSI
DSO CUSTOMER_DSO
USING(5358,5368)
ALLOCATE PRIME    ON SP244 SIZE 330001K,
OVERFLOW ON SP244 SIZE 16501K;

CREATE DSI CUSTOMER_489_DSI
DSO CUSTOMER_DSO
USING(5369,5379)
ALLOCATE PRIME    ON SP245 SIZE 330001K,
OVERFLOW ON SP245 SIZE 16501K;

CREATE DSI CUSTOMER_490_DSI
DSO CUSTOMER_DSO
USING(5380,5390)
ALLOCATE PRIME    ON SP245 SIZE 330001K,
OVERFLOW ON SP245 SIZE 16501K;

CREATE DSI CUSTOMER_491_DSI
DSO CUSTOMER_DSO
USING(5391,5401)
ALLOCATE PRIME    ON SP246 SIZE 330001K,
OVERFLOW ON SP246 SIZE 16501K;

CREATE DSI CUSTOMER_492_DSI
DSO CUSTOMER_DSO
USING(5402,5412)
ALLOCATE PRIME    ON SP246 SIZE 330001K,
OVERFLOW ON SP246 SIZE 16501K;

CREATE DSI CUSTOMER_493_DSI
DSO CUSTOMER_DSO
USING(5413,5423)
ALLOCATE PRIME    ON SP247 SIZE 330001K,
OVERFLOW ON SP247 SIZE 16501K;

CREATE DSI CUSTOMER_494_DSI
DSO CUSTOMER_DSO
USING(5424,5434)
ALLOCATE PRIME    ON SP247 SIZE 330001K,
OVERFLOW ON SP247 SIZE 16501K;

CREATE DSI CUSTOMER_495_DSI
DSO CUSTOMER_DSO
USING(5435,5445)
ALLOCATE PRIME    ON SP248 SIZE 330001K,
OVERFLOW ON SP248 SIZE 16501K;

CREATE DSI CUSTOMER_496_DSI
DSO CUSTOMER_DSO
USING(5446,5456)
ALLOCATE PRIME    ON SP248 SIZE 330001K,
OVERFLOW ON SP248 SIZE 16501K;

CREATE DSI CUSTOMER_497_DSI
DSO CUSTOMER_DSO
USING(5457,5467)
ALLOCATE PRIME    ON SP249 SIZE 330001K,
OVERFLOW ON SP249 SIZE 16501K;

CREATE DSI CUSTOMER_498_DSI
DSO CUSTOMER_DSO
USING(5468,5478)
ALLOCATE PRIME    ON SP249 SIZE 330001K,
OVERFLOW ON SP249 SIZE 16501K;

CREATE DSI CUSTOMER_499_DSI
DSO CUSTOMER_DSO
USING(5479,5489)
ALLOCATE PRIME    ON SP250 SIZE 330001K,
OVERFLOW ON SP250 SIZE 16501K;

CREATE DSI CUSTOMER_500_DSI
DSO CUSTOMER_DSO
USING(5490,5500)
ALLOCATE PRIME    ON SP250 SIZE 330001K,
OVERFLOW ON SP250 SIZE 16501K;

CREATE DSI CUSTOMER_501_DSI
DSO CUSTOMER_DSO
USING(5501,5511)
ALLOCATE PRIME    ON SP251 SIZE 330001K,
OVERFLOW ON SP251 SIZE 16501K;

CREATE DSI CUSTOMER_502_DSI
DSO CUSTOMER_DSO
USING(5512,5522)

```

```

    ALLOCATE PRIME    ON SP251 SIZE 330001K,
    OVERFLOW ON SP251 SIZE 16501K;

CREATE DSI CUSTOMER_503_DSI
DSO CUSTOMER_DSO
USING(5523,5533)
ALLOCATE PRIME    ON SP252 SIZE 330001K,
OVERFLOW ON SP252 SIZE 16501K;

CREATE DSI CUSTOMER_504_DSI
DSO CUSTOMER_DSO
USING(5534,5544)
ALLOCATE PRIME    ON SP252 SIZE 330001K,
OVERFLOW ON SP252 SIZE 16501K;

CREATE DSI CUSTOMER_505_DSI
DSO CUSTOMER_DSO
USING(5545,5555)
ALLOCATE PRIME    ON SP253 SIZE 330001K,
OVERFLOW ON SP253 SIZE 16501K;

CREATE DSI CUSTOMER_506_DSI
DSO CUSTOMER_DSO
USING(5556,5566)
ALLOCATE PRIME    ON SP253 SIZE 330001K,
OVERFLOW ON SP253 SIZE 16501K;

CREATE DSI CUSTOMER_507_DSI
DSO CUSTOMER_DSO
USING(5567,5577)
ALLOCATE PRIME    ON SP254 SIZE 330001K,
OVERFLOW ON SP254 SIZE 16501K;

CREATE DSI CUSTOMER_508_DSI
DSO CUSTOMER_DSO
USING(5578,5588)
ALLOCATE PRIME    ON SP254 SIZE 330001K,
OVERFLOW ON SP254 SIZE 16501K;

CREATE DSI CUSTOMER_509_DSI
DSO CUSTOMER_DSO
USING(5589,5599)
ALLOCATE PRIME    ON SP255 SIZE 330001K,
OVERFLOW ON SP255 SIZE 16501K;

CREATE DSI CUSTOMER_510_DSI
DSO CUSTOMER_DSO
USING(5600,5610)
ALLOCATE PRIME    ON SP255 SIZE 330001K,
OVERFLOW ON SP255 SIZE 16501K;

CREATE DSI CUSTOMER_511_DSI
DSO CUSTOMER_DSO
USING(5611,5621)
ALLOCATE PRIME    ON SP256 SIZE 330001K,
OVERFLOW ON SP256 SIZE 16501K;

CREATE DSI CUSTOMER_512_DSI
DSO CUSTOMER_DSO
USING(5622,5632)
ALLOCATE PRIME    ON SP256 SIZE 330001K,
OVERFLOW ON SP256 SIZE 16501K;

CREATE DSI CUSTOMER_513_DSI
DSO CUSTOMER_DSO
USING(5633,5643)
ALLOCATE PRIME    ON SP257 SIZE 330001K,
OVERFLOW ON SP257 SIZE 16501K;

CREATE DSI CUSTOMER_514_DSI
DSO CUSTOMER_DSO
USING(5644,5654)
ALLOCATE PRIME    ON SP257 SIZE 330001K,
OVERFLOW ON SP257 SIZE 16501K;

CREATE DSI CUSTOMER_515_DSI
DSO CUSTOMER_DSO
USING(5655,5665)
ALLOCATE PRIME    ON SP258 SIZE 330001K,
OVERFLOW ON SP258 SIZE 16501K;

CREATE DSI CUSTOMER_516_DSI
DSO CUSTOMER_DSO
USING(5666,5676)
ALLOCATE PRIME    ON SP258 SIZE 330001K,
OVERFLOW ON SP258 SIZE 16501K;

CREATE DSI CUSTOMER_517_DSI
DSO CUSTOMER_DSO
USING(5677,5687)
ALLOCATE PRIME    ON SP259 SIZE 330001K,
OVERFLOW ON SP259 SIZE 16501K;

CREATE DSI CUSTOMER_518_DSI
DSO CUSTOMER_DSO
USING(5688,5698)
ALLOCATE PRIME    ON SP259 SIZE 330001K,
OVERFLOW ON SP259 SIZE 16501K;

CREATE DSI CUSTOMER_519_DSI
DSO CUSTOMER_DSO
USING(5699,5709)
ALLOCATE PRIME    ON SP260 SIZE 330001K,
OVERFLOW ON SP260 SIZE 16501K;

CREATE DSI CUSTOMER_520_DSI
DSO CUSTOMER_DSO
USING(5710,11440)
ALLOCATE PRIME    ON SP260 SIZE 330001K,
OVERFLOW ON SP260 SIZE 16501K;

-----
-- * Phase.2-2: District
-----

CREATE DSO DISTRICT_DSO
FROM TPCC_SCHEMA.DISTRICT
TYPE
RANDOM(PAGESIZE1(1),PAGESIZE2(1),RULE(D_W_ID*20+D_ID*2))
WHERE (D_W_ID) BETWEEN (?) AND (?);

CREATE DSI DISTRICT_1_DSI
DSO DISTRICT_DSO
USING(1,88)
ALLOCATE PRIME    ON SP2 SIZE 1761K,
OVERFLOW ON SP2 SIZE 58K;
```

```

CREATE DSI DISTRICT_2_DSI
  DSO DISTRICT_DSO
  USING(89,176)
  ALLOCATE PRIME ON SP6 SIZE 1761K,
  OVERFLOW ON SP6 SIZE 58K;

CREATE DSI DISTRICT_3_DSI
  DSO DISTRICT_DSO
  USING(177,264)
  ALLOCATE PRIME ON SP10 SIZE 1761K,
  OVERFLOW ON SP10 SIZE 58K;

CREATE DSI DISTRICT_4_DSI
  DSO DISTRICT_DSO
  USING(265,352)
  ALLOCATE PRIME ON SP14 SIZE 1761K,
  OVERFLOW ON SP14 SIZE 58K;

CREATE DSI DISTRICT_5_DSI
  DSO DISTRICT_DSO
  USING(353,440)
  ALLOCATE PRIME ON SP18 SIZE 1761K,
  OVERFLOW ON SP18 SIZE 58K;

CREATE DSI DISTRICT_6_DSI
  DSO DISTRICT_DSO
  USING(441,528)
  ALLOCATE PRIME ON SP22 SIZE 1761K,
  OVERFLOW ON SP22 SIZE 58K;

CREATE DSI DISTRICT_7_DSI
  DSO DISTRICT_DSO
  USING(529,616)
  ALLOCATE PRIME ON SP26 SIZE 1761K,
  OVERFLOW ON SP26 SIZE 58K;

CREATE DSI DISTRICT_8_DSI
  DSO DISTRICT_DSO
  USING(617,704)
  ALLOCATE PRIME ON SP30 SIZE 1761K,
  OVERFLOW ON SP30 SIZE 58K;

CREATE DSI DISTRICT_9_DSI
  DSO DISTRICT_DSO
  USING(705,792)
  ALLOCATE PRIME ON SP34 SIZE 1761K,
  OVERFLOW ON SP34 SIZE 58K;

CREATE DSI DISTRICT_10_DSI
  DSO DISTRICT_DSO
  USING(793,880)
  ALLOCATE PRIME ON SP38 SIZE 1761K,
  OVERFLOW ON SP38 SIZE 58K;

CREATE DSI DISTRICT_11_DSI
  DSO DISTRICT_DSO
  USING(881,968)
  ALLOCATE PRIME ON SP42 SIZE 1761K,
  OVERFLOW ON SP42 SIZE 58K;

CREATE DSI DISTRICT_12_DSI
  DSO DISTRICT_DSO
  USING(969,1056)
  ALLOCATE PRIME ON SP46 SIZE 1761K,
  OVERFLOW ON SP46 SIZE 58K;

CREATE DSI DISTRICT_13_DSI
  DSO DISTRICT_DSO
  USING(1057,1144)
  ALLOCATE PRIME ON SP50 SIZE 1761K,
  OVERFLOW ON SP50 SIZE 58K;

CREATE DSI DISTRICT_14_DSI
  DSO DISTRICT_DSO
  USING(1145,1232)
  ALLOCATE PRIME ON SP54 SIZE 1761K,
  OVERFLOW ON SP54 SIZE 58K;

CREATE DSI DISTRICT_15_DSI
  DSO DISTRICT_DSO
  USING(1233,1320)
  ALLOCATE PRIME ON SP58 SIZE 1761K,
  OVERFLOW ON SP58 SIZE 58K;

CREATE DSI DISTRICT_16_DSI
  DSO DISTRICT_DSO
  USING(1321,1408)
  ALLOCATE PRIME ON SP62 SIZE 1761K,
  OVERFLOW ON SP62 SIZE 58K;

CREATE DSI DISTRICT_17_DSI
  DSO DISTRICT_DSO
  USING(1409,1496)
  ALLOCATE PRIME ON SP66 SIZE 1761K,
  OVERFLOW ON SP66 SIZE 58K;

CREATE DSI DISTRICT_18_DSI
  DSO DISTRICT_DSO
  USING(1497,1584)
  ALLOCATE PRIME ON SP70 SIZE 1761K,
  OVERFLOW ON SP70 SIZE 58K;

CREATE DSI DISTRICT_19_DSI
  DSO DISTRICT_DSO
  USING(1585,1672)
  ALLOCATE PRIME ON SP74 SIZE 1761K,
  OVERFLOW ON SP74 SIZE 58K;

CREATE DSI DISTRICT_20_DSI
  DSO DISTRICT_DSO
  USING(1673,1760)
  ALLOCATE PRIME ON SP78 SIZE 1761K,
  OVERFLOW ON SP78 SIZE 58K;

CREATE DSI DISTRICT_21_DSI
  DSO DISTRICT_DSO
  USING(1761,1848)
  ALLOCATE PRIME ON SP82 SIZE 1761K,
  OVERFLOW ON SP82 SIZE 58K;

CREATE DSI DISTRICT_22_DSI
  DSO DISTRICT_DSO
  USING(1849,1936)
  ALLOCATE PRIME ON SP86 SIZE 1761K,
  OVERFLOW ON SP86 SIZE 58K;

```

```
CREATE DSI DISTRICT_23_DSI
DSO DISTRICT_DSO
USING(1937,2024)
ALLOCATE PRIME ON SP90 SIZE 1761K,
OVERFLOW ON SP90 SIZE 58K;

CREATE DSI DISTRICT_24_DSI
DSO DISTRICT_DSO
USING(2025,2112)
ALLOCATE PRIME ON SP94 SIZE 1761K,
OVERFLOW ON SP94 SIZE 58K;

CREATE DSI DISTRICT_25_DSI
DSO DISTRICT_DSO
USING(2113,2200)
ALLOCATE PRIME ON SP98 SIZE 1761K,
OVERFLOW ON SP98 SIZE 58K;

CREATE DSI DISTRICT_26_DSI
DSO DISTRICT_DSO
USING(2201,2288)
ALLOCATE PRIME ON SP102 SIZE 1761K,
OVERFLOW ON SP102 SIZE 58K;

CREATE DSI DISTRICT_27_DSI
DSO DISTRICT_DSO
USING(2289,2376)
ALLOCATE PRIME ON SP106 SIZE 1761K,
OVERFLOW ON SP106 SIZE 58K;

CREATE DSI DISTRICT_28_DSI
DSO DISTRICT_DSO
USING(2377,2464)
ALLOCATE PRIME ON SP110 SIZE 1761K,
OVERFLOW ON SP110 SIZE 58K;

CREATE DSI DISTRICT_29_DSI
DSO DISTRICT_DSO
USING(2465,2552)
ALLOCATE PRIME ON SP114 SIZE 1761K,
OVERFLOW ON SP114 SIZE 58K;

CREATE DSI DISTRICT_30_DSI
DSO DISTRICT_DSO
USING(2553,2640)
ALLOCATE PRIME ON SP118 SIZE 1761K,
OVERFLOW ON SP118 SIZE 58K;

CREATE DSI DISTRICT_31_DSI
DSO DISTRICT_DSO
USING(2641,2728)
ALLOCATE PRIME ON SP122 SIZE 1761K,
OVERFLOW ON SP122 SIZE 58K;

CREATE DSI DISTRICT_32_DSI
DSO DISTRICT_DSO
USING(2729,2816)
ALLOCATE PRIME ON SP126 SIZE 1761K,
OVERFLOW ON SP126 SIZE 58K;

CREATE DSI DISTRICT_33_DSI
DSO DISTRICT_DSO
USING(2817,2904)
ALLOCATE PRIME ON SP130 SIZE 1761K,
OVERFLOW ON SP130 SIZE 58K;

CREATE DSI DISTRICT_34_DSI
DSO DISTRICT_DSO
USING(2905,2992)
ALLOCATE PRIME ON SP134 SIZE 1761K,
OVERFLOW ON SP134 SIZE 58K;

CREATE DSI DISTRICT_35_DSI
DSO DISTRICT_DSO
USING(2993,3080)
ALLOCATE PRIME ON SP138 SIZE 1761K,
OVERFLOW ON SP138 SIZE 58K;

CREATE DSI DISTRICT_36_DSI
DSO DISTRICT_DSO
USING(3081,3168)
ALLOCATE PRIME ON SP142 SIZE 1761K,
OVERFLOW ON SP142 SIZE 58K;

CREATE DSI DISTRICT_37_DSI
DSO DISTRICT_DSO
USING(3169,3256)
ALLOCATE PRIME ON SP146 SIZE 1761K,
OVERFLOW ON SP146 SIZE 58K;

CREATE DSI DISTRICT_38_DSI
DSO DISTRICT_DSO
USING(3257,3344)
ALLOCATE PRIME ON SP150 SIZE 1761K,
OVERFLOW ON SP150 SIZE 58K;

CREATE DSI DISTRICT_39_DSI
DSO DISTRICT_DSO
USING(3345,3432)
ALLOCATE PRIME ON SP154 SIZE 1761K,
OVERFLOW ON SP154 SIZE 58K;

CREATE DSI DISTRICT_40_DSI
DSO DISTRICT_DSO
USING(3433,3520)
ALLOCATE PRIME ON SP158 SIZE 1761K,
OVERFLOW ON SP158 SIZE 58K;

CREATE DSI DISTRICT_41_DSI
DSO DISTRICT_DSO
USING(3521,3608)
ALLOCATE PRIME ON SP162 SIZE 1761K,
OVERFLOW ON SP162 SIZE 58K;

CREATE DSI DISTRICT_42_DSI
DSO DISTRICT_DSO
USING(3609,3696)
ALLOCATE PRIME ON SP166 SIZE 1761K,
OVERFLOW ON SP166 SIZE 58K;

CREATE DSI DISTRICT_43_DSI
DSO DISTRICT_DSO
USING(3697,3784)
ALLOCATE PRIME ON SP170 SIZE 1761K,
OVERFLOW ON SP170 SIZE 58K;
```

```

CREATE DSI DISTRICT_44_DSI
  DSO DISTRICT_DSO
  USING(3785,3872)
  ALLOCATE PRIME ON SP174 SIZE 1761K,
  OVERFLOW ON SP174 SIZE 58K;

CREATE DSI DISTRICT_45_DSI
  DSO DISTRICT_DSO
  USING(3873,3960)
  ALLOCATE PRIME ON SP178 SIZE 1761K,
  OVERFLOW ON SP178 SIZE 58K;

CREATE DSI DISTRICT_46_DSI
  DSO DISTRICT_DSO
  USING(3961,4048)
  ALLOCATE PRIME ON SP182 SIZE 1761K,
  OVERFLOW ON SP182 SIZE 58K;

CREATE DSI DISTRICT_47_DSI
  DSO DISTRICT_DSO
  USING(4049,4136)
  ALLOCATE PRIME ON SP186 SIZE 1761K,
  OVERFLOW ON SP186 SIZE 58K;

CREATE DSI DISTRICT_48_DSI
  DSO DISTRICT_DSO
  USING(4137,4224)
  ALLOCATE PRIME ON SP190 SIZE 1761K,
  OVERFLOW ON SP190 SIZE 58K;

CREATE DSI DISTRICT_49_DSI
  DSO DISTRICT_DSO
  USING(4225,4312)
  ALLOCATE PRIME ON SP194 SIZE 1761K,
  OVERFLOW ON SP194 SIZE 58K;

CREATE DSI DISTRICT_50_DSI
  DSO DISTRICT_DSO
  USING(4313,4400)
  ALLOCATE PRIME ON SP198 SIZE 1761K,
  OVERFLOW ON SP198 SIZE 58K;

CREATE DSI DISTRICT_51_DSI
  DSO DISTRICT_DSO
  USING(4401,4488)
  ALLOCATE PRIME ON SP202 SIZE 1761K,
  OVERFLOW ON SP202 SIZE 58K;

CREATE DSI DISTRICT_52_DSI
  DSO DISTRICT_DSO
  USING(4489,4576)
  ALLOCATE PRIME ON SP206 SIZE 1761K,
  OVERFLOW ON SP206 SIZE 58K;

CREATE DSI DISTRICT_53_DSI
  DSO DISTRICT_DSO
  USING(4577,4664)
  ALLOCATE PRIME ON SP210 SIZE 1761K,
  OVERFLOW ON SP210 SIZE 58K;

CREATE DSI DISTRICT_54_DSI
  DSO DISTRICT_DSO
  USING(4665,4752)
  ALLOCATE PRIME ON SP214 SIZE 1761K,
  OVERFLOW ON SP214 SIZE 58K;

CREATE DSI DISTRICT_55_DSI
  DSO DISTRICT_DSO
  USING(4753,4840)
  ALLOCATE PRIME ON SP218 SIZE 1761K,
  OVERFLOW ON SP218 SIZE 58K;

CREATE DSI DISTRICT_56_DSI
  DSO DISTRICT_DSO
  USING(4841,4928)
  ALLOCATE PRIME ON SP222 SIZE 1761K,
  OVERFLOW ON SP222 SIZE 58K;

CREATE DSI DISTRICT_57_DSI
  DSO DISTRICT_DSO
  USING(4929,5016)
  ALLOCATE PRIME ON SP226 SIZE 1761K,
  OVERFLOW ON SP226 SIZE 58K;

CREATE DSI DISTRICT_58_DSI
  DSO DISTRICT_DSO
  USING(5017,5104)
  ALLOCATE PRIME ON SP230 SIZE 1761K,
  OVERFLOW ON SP230 SIZE 58K;

CREATE DSI DISTRICT_59_DSI
  DSO DISTRICT_DSO
  USING(5105,5192)
  ALLOCATE PRIME ON SP234 SIZE 1761K,
  OVERFLOW ON SP234 SIZE 58K;

CREATE DSI DISTRICT_60_DSI
  DSO DISTRICT_DSO
  USING(5193,5280)
  ALLOCATE PRIME ON SP238 SIZE 1761K,
  OVERFLOW ON SP238 SIZE 58K;

CREATE DSI DISTRICT_61_DSI
  DSO DISTRICT_DSO
  USING(5281,5368)
  ALLOCATE PRIME ON SP242 SIZE 1761K,
  OVERFLOW ON SP242 SIZE 58K;

CREATE DSI DISTRICT_62_DSI
  DSO DISTRICT_DSO
  USING(5369,5456)
  ALLOCATE PRIME ON SP246 SIZE 1761K,
  OVERFLOW ON SP246 SIZE 58K;

CREATE DSI DISTRICT_63_DSI
  DSO DISTRICT_DSO
  USING(5457,5544)
  ALLOCATE PRIME ON SP250 SIZE 1761K,
  OVERFLOW ON SP250 SIZE 58K;

CREATE DSI DISTRICT_64_DSI
  DSO DISTRICT_DSO
  USING(5545,5632)
  ALLOCATE PRIME ON SP254 SIZE 1761K,
  OVERFLOW ON SP254 SIZE 58K;

```

```
CREATE DSI DISTRICT_65_DSI
DSO DISTRICT_DSO
USING(5633,11440)
ALLOCATE PRIME ON SP258 SIZE 1761K,
OVERFLOW ON SP258 SIZE 58K;
```

-- * Phase.2-7: History

```
CREATE DSO HISTORY_DSO
FROM TPCC_SCHEMA.HISTORY
TYPE SEQUENTIAL(PAGESIZE(4),ORDER(0))
WHERE (H_W_ID) BETWEEN (?) AND (?);
```

```
CREATE DSI HISTORY_1_DSI
DSO HISTORY_DSO
USING(1,11)
ALLOCATE DATA ON SP1 SIZE 32444K;
```

```
CREATE DSI HISTORY_2_DSI
DSO HISTORY_DSO
USING(12,22)
ALLOCATE DATA ON SP1 SIZE 32444K;
```

```
CREATE DSI HISTORY_3_DSI
DSO HISTORY_DSO
USING(23,33)
ALLOCATE DATA ON SP2 SIZE 32444K;
```

```
CREATE DSI HISTORY_4_DSI
DSO HISTORY_DSO
USING(34,44)
ALLOCATE DATA ON SP2 SIZE 32444K;
```

```
CREATE DSI HISTORY_5_DSI
DSO HISTORY_DSO
USING(45,55)
ALLOCATE DATA ON SP3 SIZE 32444K;
```

```
CREATE DSI HISTORY_6_DSI
DSO HISTORY_DSO
USING(56,66)
ALLOCATE DATA ON SP3 SIZE 32444K;
```

```
CREATE DSI HISTORY_7_DSI
DSO HISTORY_DSO
USING(67,77)
ALLOCATE DATA ON SP4 SIZE 32444K;
```

```
CREATE DSI HISTORY_8_DSI
DSO HISTORY_DSO
USING(78,88)
ALLOCATE DATA ON SP4 SIZE 32444K;
```

```
CREATE DSI HISTORY_9_DSI
DSO HISTORY_DSO
USING(89,99)
ALLOCATE DATA ON SP5 SIZE 32444K;
```

```
CREATE DSI HISTORY_10_DSI
DSO HISTORY_DSO
USING(100,110)
ALLOCATE DATA ON SP5 SIZE 32444K;
```

```
CREATE DSI HISTORY_11_DSI
DSO HISTORY_DSO
USING(111,121)
ALLOCATE DATA ON SP6 SIZE 32444K;
```

```
CREATE DSI HISTORY_12_DSI
DSO HISTORY_DSO
USING(122,132)
ALLOCATE DATA ON SP6 SIZE 32444K;
```

```
CREATE DSI HISTORY_13_DSI
DSO HISTORY_DSO
USING(133,143)
ALLOCATE DATA ON SP7 SIZE 32444K;
```

```
CREATE DSI HISTORY_14_DSI
DSO HISTORY_DSO
USING(144,154)
ALLOCATE DATA ON SP7 SIZE 32444K;
```

```
CREATE DSI HISTORY_15_DSI
DSO HISTORY_DSO
USING(155,165)
ALLOCATE DATA ON SP8 SIZE 32444K;
```

```
CREATE DSI HISTORY_16_DSI
DSO HISTORY_DSO
USING(166,176)
ALLOCATE DATA ON SP8 SIZE 32444K;
```

```
CREATE DSI HISTORY_17_DSI
DSO HISTORY_DSO
USING(177,187)
ALLOCATE DATA ON SP9 SIZE 32444K;
```

```
CREATE DSI HISTORY_18_DSI
DSO HISTORY_DSO
USING(188,198)
ALLOCATE DATA ON SP9 SIZE 32444K;
```

```
CREATE DSI HISTORY_19_DSI
DSO HISTORY_DSO
USING(199,209)
ALLOCATE DATA ON SP10 SIZE 32444K;
```

```
CREATE DSI HISTORY_20_DSI
DSO HISTORY_DSO
USING(210,220)
ALLOCATE DATA ON SP10 SIZE 32444K;
```

```
CREATE DSI HISTORY_21_DSI
DSO HISTORY_DSO
USING(221,231)
ALLOCATE DATA ON SP11 SIZE 32444K;
```

```
CREATE DSI HISTORY_22_DSI
DSO HISTORY_DSO
USING(232,242)
ALLOCATE DATA ON SP11 SIZE 32444K;
```

```
CREATE DSI HISTORY_23_DSI
DSO HISTORY_DSO
```

```

        USING(243,253)
        ALLOCATE DATA    ON SP12 SIZE 32444K;

CREATE DSI HISTORY_24_DSI
DSO HISTORY_DSO
USING(254,264)
ALLOCATE DATA    ON SP12 SIZE 32444K;

CREATE DSI HISTORY_25_DSI
DSO HISTORY_DSO
USING(265,275)
ALLOCATE DATA    ON SP13 SIZE 32444K;

CREATE DSI HISTORY_26_DSI
DSO HISTORY_DSO
USING(276,286)
ALLOCATE DATA    ON SP13 SIZE 32444K;

CREATE DSI HISTORY_27_DSI
DSO HISTORY_DSO
USING(287,297)
ALLOCATE DATA    ON SP14 SIZE 32444K;

CREATE DSI HISTORY_28_DSI
DSO HISTORY_DSO
USING(298,308)
ALLOCATE DATA    ON SP14 SIZE 32444K;

CREATE DSI HISTORY_29_DSI
DSO HISTORY_DSO
USING(309,319)
ALLOCATE DATA    ON SP15 SIZE 32444K;

CREATE DSI HISTORY_30_DSI
DSO HISTORY_DSO
USING(320,330)
ALLOCATE DATA    ON SP15 SIZE 32444K;

CREATE DSI HISTORY_31_DSI
DSO HISTORY_DSO
USING(331,341)
ALLOCATE DATA    ON SP16 SIZE 32444K;

CREATE DSI HISTORY_32_DSI
DSO HISTORY_DSO
USING(342,352)
ALLOCATE DATA    ON SP16 SIZE 32444K;

CREATE DSI HISTORY_33_DSI
DSO HISTORY_DSO
USING(353,363)
ALLOCATE DATA    ON SP17 SIZE 32444K;

CREATE DSI HISTORY_34_DSI
DSO HISTORY_DSO
USING(364,374)
ALLOCATE DATA    ON SP17 SIZE 32444K;

CREATE DSI HISTORY_35_DSI
DSO HISTORY_DSO
USING(375,385)
ALLOCATE DATA    ON SP18 SIZE 32444K;

CREATE DSI HISTORY_36_DSI
DSO HISTORY_DSO
USING(386,396)
ALLOCATE DATA    ON SP18 SIZE 32444K;

CREATE DSI HISTORY_37_DSI
DSO HISTORY_DSO
USING(397,407)
ALLOCATE DATA    ON SP19 SIZE 32444K;

CREATE DSI HISTORY_38_DSI
DSO HISTORY_DSO
USING(408,418)
ALLOCATE DATA    ON SP19 SIZE 32444K;

CREATE DSI HISTORY_39_DSI
DSO HISTORY_DSO
USING(419,429)
ALLOCATE DATA    ON SP20 SIZE 32444K;

CREATE DSI HISTORY_40_DSI
DSO HISTORY_DSO
USING(430,440)
ALLOCATE DATA    ON SP20 SIZE 32444K;

CREATE DSI HISTORY_41_DSI
DSO HISTORY_DSO
USING(441,451)
ALLOCATE DATA    ON SP21 SIZE 32444K;

CREATE DSI HISTORY_42_DSI
DSO HISTORY_DSO
USING(452,462)
ALLOCATE DATA    ON SP21 SIZE 32444K;

CREATE DSI HISTORY_43_DSI
DSO HISTORY_DSO
USING(463,473)
ALLOCATE DATA    ON SP22 SIZE 32444K;

CREATE DSI HISTORY_44_DSI
DSO HISTORY_DSO
USING(474,484)
ALLOCATE DATA    ON SP22 SIZE 32444K;

CREATE DSI HISTORY_45_DSI
DSO HISTORY_DSO
USING(485,495)
ALLOCATE DATA    ON SP23 SIZE 32444K;

CREATE DSI HISTORY_46_DSI
DSO HISTORY_DSO
USING(496,506)
ALLOCATE DATA    ON SP23 SIZE 32444K;

CREATE DSI HISTORY_47_DSI
DSO HISTORY_DSO
USING(507,517)
ALLOCATE DATA    ON SP24 SIZE 32444K;

CREATE DSI HISTORY_48_DSI
DSO HISTORY_DSO
USING(518,528)

```

```

        ALLOCATE DATA    ON SP24 SIZE 32444K;
CREATE DSI HISTORY_49_DSI
  DSO HISTORY_DSO
  USING(529,539)
  ALLOCATE DATA    ON SP25 SIZE 32444K;
CREATE DSI HISTORY_50_DSI
  DSO HISTORY_DSO
  USING(540,550)
  ALLOCATE DATA    ON SP25 SIZE 32444K;
CREATE DSI HISTORY_51_DSI
  DSO HISTORY_DSO
  USING(551,561)
  ALLOCATE DATA    ON SP26 SIZE 32444K;
CREATE DSI HISTORY_52_DSI
  DSO HISTORY_DSO
  USING(562,572)
  ALLOCATE DATA    ON SP26 SIZE 32444K;
CREATE DSI HISTORY_53_DSI
  DSO HISTORY_DSO
  USING(573,583)
  ALLOCATE DATA    ON SP27 SIZE 32444K;
CREATE DSI HISTORY_54_DSI
  DSO HISTORY_DSO
  USING(584,594)
  ALLOCATE DATA    ON SP27 SIZE 32444K;
CREATE DSI HISTORY_55_DSI
  DSO HISTORY_DSO
  USING(595,605)
  ALLOCATE DATA    ON SP28 SIZE 32444K;
CREATE DSI HISTORY_56_DSI
  DSO HISTORY_DSO
  USING(606,616)
  ALLOCATE DATA    ON SP28 SIZE 32444K;
CREATE DSI HISTORY_57_DSI
  DSO HISTORY_DSO
  USING(617,627)
  ALLOCATE DATA    ON SP29 SIZE 32444K;
CREATE DSI HISTORY_58_DSI
  DSO HISTORY_DSO
  USING(628,638)
  ALLOCATE DATA    ON SP29 SIZE 32444K;
CREATE DSI HISTORY_59_DSI
  DSO HISTORY_DSO
  USING(639,649)
  ALLOCATE DATA    ON SP30 SIZE 32444K;
CREATE DSI HISTORY_60_DSI
  DSO HISTORY_DSO
  USING(650,660)
  ALLOCATE DATA    ON SP30 SIZE 32444K;
CREATE DSI HISTORY_61_DSI
  DSO HISTORY_DSO
  USING(661,671)
  ALLOCATE DATA    ON SP31 SIZE 32444K;
CREATE DSI HISTORY_62_DSI
  DSO HISTORY_DSO
  USING(672,682)
  ALLOCATE DATA    ON SP31 SIZE 32444K;
CREATE DSI HISTORY_63_DSI
  DSO HISTORY_DSO
  USING(683,693)
  ALLOCATE DATA    ON SP32 SIZE 32444K;
CREATE DSI HISTORY_64_DSI
  DSO HISTORY_DSO
  USING(694,704)
  ALLOCATE DATA    ON SP32 SIZE 32444K;
CREATE DSI HISTORY_65_DSI
  DSO HISTORY_DSO
  USING(705,715)
  ALLOCATE DATA    ON SP33 SIZE 32444K;
CREATE DSI HISTORY_66_DSI
  DSO HISTORY_DSO
  USING(716,726)
  ALLOCATE DATA    ON SP33 SIZE 32444K;
CREATE DSI HISTORY_67_DSI
  DSO HISTORY_DSO
  USING(727,737)
  ALLOCATE DATA    ON SP34 SIZE 32444K;
CREATE DSI HISTORY_68_DSI
  DSO HISTORY_DSO
  USING(738,748)
  ALLOCATE DATA    ON SP34 SIZE 32444K;
CREATE DSI HISTORY_69_DSI
  DSO HISTORY_DSO
  USING(749,759)
  ALLOCATE DATA    ON SP35 SIZE 32444K;
CREATE DSI HISTORY_70_DSI
  DSO HISTORY_DSO
  USING(760,770)
  ALLOCATE DATA    ON SP35 SIZE 32444K;
CREATE DSI HISTORY_71_DSI
  DSO HISTORY_DSO
  USING(771,781)
  ALLOCATE DATA    ON SP36 SIZE 32444K;
CREATE DSI HISTORY_72_DSI
  DSO HISTORY_DSO
  USING(782,792)
  ALLOCATE DATA    ON SP36 SIZE 32444K;
CREATE DSI HISTORY_73_DSI
  DSO HISTORY_DSO
  USING(793,803)
  ALLOCATE DATA    ON SP37 SIZE 32444K;

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CREATE DSI HISTORY_74_DSI
  DSO HISTORY_DSO
  USING(804,814)
  ALLOCATE DATA   ON SP37 SIZE 32444K;
  USING(936,946)
  ALLOCATE DATA   ON SP43 SIZE 32444K;
CREATE DSI HISTORY_75_DSI
  DSO HISTORY_DSO
  USING(815,825)
  ALLOCATE DATA   ON SP38 SIZE 32444K;
CREATE DSI HISTORY_76_DSI
  DSO HISTORY_DSO
  USING(826,836)
  ALLOCATE DATA   ON SP38 SIZE 32444K;
CREATE DSI HISTORY_77_DSI
  DSO HISTORY_DSO
  USING(837,847)
  ALLOCATE DATA   ON SP39 SIZE 32444K;
CREATE DSI HISTORY_78_DSI
  DSO HISTORY_DSO
  USING(848,858)
  ALLOCATE DATA   ON SP39 SIZE 32444K;
CREATE DSI HISTORY_79_DSI
  DSO HISTORY_DSO
  USING(859,869)
  ALLOCATE DATA   ON SP40 SIZE 32444K;
CREATE DSI HISTORY_80_DSI
  DSO HISTORY_DSO
  USING(870,880)
  ALLOCATE DATA   ON SP40 SIZE 32444K;
CREATE DSI HISTORY_81_DSI
  DSO HISTORY_DSO
  USING(881,891)
  ALLOCATE DATA   ON SP41 SIZE 32444K;
CREATE DSI HISTORY_82_DSI
  DSO HISTORY_DSO
  USING(892,902)
  ALLOCATE DATA   ON SP41 SIZE 32444K;
CREATE DSI HISTORY_83_DSI
  DSO HISTORY_DSO
  USING(903,913)
  ALLOCATE DATA   ON SP42 SIZE 32444K;
CREATE DSI HISTORY_84_DSI
  DSO HISTORY_DSO
  USING(914,924)
  ALLOCATE DATA   ON SP42 SIZE 32444K;
CREATE DSI HISTORY_85_DSI
  DSO HISTORY_DSO
  USING(925,935)
  ALLOCATE DATA   ON SP43 SIZE 32444K;
CREATE DSI HISTORY_86_DSI
  DSO HISTORY_DSO
  USING(936,946)
  ALLOCATE DATA   ON SP43 SIZE 32444K;
CREATE DSI HISTORY_87_DSI
  DSO HISTORY_DSO
  USING(947,957)
  ALLOCATE DATA   ON SP44 SIZE 32444K;
CREATE DSI HISTORY_88_DSI
  DSO HISTORY_DSO
  USING(958,968)
  ALLOCATE DATA   ON SP44 SIZE 32444K;
CREATE DSI HISTORY_89_DSI
  DSO HISTORY_DSO
  USING(969,979)
  ALLOCATE DATA   ON SP45 SIZE 32444K;
CREATE DSI HISTORY_90_DSI
  DSO HISTORY_DSO
  USING(980,990)
  ALLOCATE DATA   ON SP45 SIZE 32444K;
CREATE DSI HISTORY_91_DSI
  DSO HISTORY_DSO
  USING(991,1001)
  ALLOCATE DATA   ON SP46 SIZE 32444K;
CREATE DSI HISTORY_92_DSI
  DSO HISTORY_DSO
  USING(1002,1012)
  ALLOCATE DATA   ON SP46 SIZE 32444K;
CREATE DSI HISTORY_93_DSI
  DSO HISTORY_DSO
  USING(1013,1023)
  ALLOCATE DATA   ON SP47 SIZE 32444K;
CREATE DSI HISTORY_94_DSI
  DSO HISTORY_DSO
  USING(1024,1034)
  ALLOCATE DATA   ON SP47 SIZE 32444K;
CREATE DSI HISTORY_95_DSI
  DSO HISTORY_DSO
  USING(1035,1045)
  ALLOCATE DATA   ON SP48 SIZE 32444K;
CREATE DSI HISTORY_96_DSI
  DSO HISTORY_DSO
  USING(1046,1056)
  ALLOCATE DATA   ON SP48 SIZE 32444K;
CREATE DSI HISTORY_97_DSI
  DSO HISTORY_DSO
  USING(1057,1067)
  ALLOCATE DATA   ON SP49 SIZE 32444K;
CREATE DSI HISTORY_98_DSI
  DSO HISTORY_DSO
  USING(1068,1078)
  ALLOCATE DATA   ON SP49 SIZE 32444K;

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CREATE DSI HISTORY_99_DSI
  DSO HISTORY_DSO
  USING(1079,1089)
  ALLOCATE DATA ON SP50 SIZE 32444K;
  ALLOCATE DATA ON SP56 SIZE 32444K;
CREATE DSI HISTORY_100_DSI
  DSO HISTORY_DSO
  USING(1090,1100)
  ALLOCATE DATA ON SP50 SIZE 32444K;
CREATE DSI HISTORY_101_DSI
  DSO HISTORY_DSO
  USING(1101,1111)
  ALLOCATE DATA ON SP51 SIZE 32444K;
CREATE DSI HISTORY_102_DSI
  DSO HISTORY_DSO
  USING(1112,1122)
  ALLOCATE DATA ON SP51 SIZE 32444K;
CREATE DSI HISTORY_103_DSI
  DSO HISTORY_DSO
  USING(1123,1133)
  ALLOCATE DATA ON SP52 SIZE 32444K;
CREATE DSI HISTORY_104_DSI
  DSO HISTORY_DSO
  USING(1134,1144)
  ALLOCATE DATA ON SP52 SIZE 32444K;
CREATE DSI HISTORY_105_DSI
  DSO HISTORY_DSO
  USING(1145,1155)
  ALLOCATE DATA ON SP53 SIZE 32444K;
CREATE DSI HISTORY_106_DSI
  DSO HISTORY_DSO
  USING(1156,1166)
  ALLOCATE DATA ON SP53 SIZE 32444K;
CREATE DSI HISTORY_107_DSI
  DSO HISTORY_DSO
  USING(1167,1177)
  ALLOCATE DATA ON SP54 SIZE 32444K;
CREATE DSI HISTORY_108_DSI
  DSO HISTORY_DSO
  USING(1178,1188)
  ALLOCATE DATA ON SP54 SIZE 32444K;
CREATE DSI HISTORY_109_DSI
  DSO HISTORY_DSO
  USING(1189,1199)
  ALLOCATE DATA ON SP55 SIZE 32444K;
CREATE DSI HISTORY_110_DSI
  DSO HISTORY_DSO
  USING(1200,1210)
  ALLOCATE DATA ON SP55 SIZE 32444K;
CREATE DSI HISTORY_111_DSI
  DSO HISTORY_DSO
  USING(1211,1221)
  ALLOCATE DATA ON SP56 SIZE 32444K;
CREATE DSI HISTORY_112_DSI
  DSO HISTORY_DSO
  USING(1222,1232)
  ALLOCATE DATA ON SP56 SIZE 32444K;
CREATE DSI HISTORY_113_DSI
  DSO HISTORY_DSO
  USING(1233,1243)
  ALLOCATE DATA ON SP57 SIZE 32444K;
CREATE DSI HISTORY_114_DSI
  DSO HISTORY_DSO
  USING(1244,1254)
  ALLOCATE DATA ON SP57 SIZE 32444K;
CREATE DSI HISTORY_115_DSI
  DSO HISTORY_DSO
  USING(1255,1265)
  ALLOCATE DATA ON SP58 SIZE 32444K;
CREATE DSI HISTORY_116_DSI
  DSO HISTORY_DSO
  USING(1266,1276)
  ALLOCATE DATA ON SP58 SIZE 32444K;
CREATE DSI HISTORY_117_DSI
  DSO HISTORY_DSO
  USING(1277,1287)
  ALLOCATE DATA ON SP59 SIZE 32444K;
CREATE DSI HISTORY_118_DSI
  DSO HISTORY_DSO
  USING(1288,1298)
  ALLOCATE DATA ON SP59 SIZE 32444K;
CREATE DSI HISTORY_119_DSI
  DSO HISTORY_DSO
  USING(1299,1309)
  ALLOCATE DATA ON SP60 SIZE 32444K;
CREATE DSI HISTORY_120_DSI
  DSO HISTORY_DSO
  USING(1310,1320)
  ALLOCATE DATA ON SP60 SIZE 32444K;
CREATE DSI HISTORY_121_DSI
  DSO HISTORY_DSO
  USING(1321,1331)
  ALLOCATE DATA ON SP61 SIZE 32444K;
CREATE DSI HISTORY_122_DSI
  DSO HISTORY_DSO
  USING(1332,1342)
  ALLOCATE DATA ON SP61 SIZE 32444K;
CREATE DSI HISTORY_123_DSI
  DSO HISTORY_DSO
  USING(1343,1353)
  ALLOCATE DATA ON SP62 SIZE 32444K;
CREATE DSI HISTORY_124_DSI

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DSO_HISTORY_DSO
USING(1354,1364)
ALLOCATE DATA ON SP62 SIZE 32444K;

CREATE DSI_HISTORY_125_DSI
DSO_HISTORY_DSO
USING(1365,1375)
ALLOCATE DATA ON SP63 SIZE 32444K;

CREATE DSI_HISTORY_126_DSI
DSO_HISTORY_DSO
USING(1376,1386)
ALLOCATE DATA ON SP63 SIZE 32444K;

CREATE DSI_HISTORY_127_DSI
DSO_HISTORY_DSO
USING(1387,1397)
ALLOCATE DATA ON SP64 SIZE 32444K;

CREATE DSI_HISTORY_128_DSI
DSO_HISTORY_DSO
USING(1398,1408)
ALLOCATE DATA ON SP64 SIZE 32444K;

CREATE DSI_HISTORY_129_DSI
DSO_HISTORY_DSO
USING(1409,1419)
ALLOCATE DATA ON SP65 SIZE 32444K;

CREATE DSI_HISTORY_130_DSI
DSO_HISTORY_DSO
USING(1420,1430)
ALLOCATE DATA ON SP65 SIZE 32444K;

CREATE DSI_HISTORY_131_DSI
DSO_HISTORY_DSO
USING(1431,1441)
ALLOCATE DATA ON SP66 SIZE 32444K;

CREATE DSI_HISTORY_132_DSI
DSO_HISTORY_DSO
USING(1442,1452)
ALLOCATE DATA ON SP66 SIZE 32444K;

CREATE DSI_HISTORY_133_DSI
DSO_HISTORY_DSO
USING(1453,1463)
ALLOCATE DATA ON SP67 SIZE 32444K;

CREATE DSI_HISTORY_134_DSI
DSO_HISTORY_DSO
USING(1464,1474)
ALLOCATE DATA ON SP67 SIZE 32444K;

CREATE DSI_HISTORY_135_DSI
DSO_HISTORY_DSO
USING(1475,1485)
ALLOCATE DATA ON SP68 SIZE 32444K;

CREATE DSI_HISTORY_136_DSI
DSO_HISTORY_DSO
USING(1486,1496)
ALLOCATE DATA ON SP68 SIZE 32444K;

CREATE DSI_HISTORY_137_DSI
DSO_HISTORY_DSO
USING(1497,1507)
ALLOCATE DATA ON SP69 SIZE 32444K;

CREATE DSI_HISTORY_138_DSI
DSO_HISTORY_DSO
USING(1508,1518)
ALLOCATE DATA ON SP69 SIZE 32444K;

CREATE DSI_HISTORY_139_DSI
DSO_HISTORY_DSO
USING(1519,1529)
ALLOCATE DATA ON SP70 SIZE 32444K;

CREATE DSI_HISTORY_140_DSI
DSO_HISTORY_DSO
USING(1530,1540)
ALLOCATE DATA ON SP70 SIZE 32444K;

CREATE DSI_HISTORY_141_DSI
DSO_HISTORY_DSO
USING(1541,1551)
ALLOCATE DATA ON SP71 SIZE 32444K;

CREATE DSI_HISTORY_142_DSI
DSO_HISTORY_DSO
USING(1552,1562)
ALLOCATE DATA ON SP71 SIZE 32444K;

CREATE DSI_HISTORY_143_DSI
DSO_HISTORY_DSO
USING(1563,1573)
ALLOCATE DATA ON SP72 SIZE 32444K;

CREATE DSI_HISTORY_144_DSI
DSO_HISTORY_DSO
USING(1574,1584)
ALLOCATE DATA ON SP72 SIZE 32444K;

CREATE DSI_HISTORY_145_DSI
DSO_HISTORY_DSO
USING(1585,1595)
ALLOCATE DATA ON SP73 SIZE 32444K;

CREATE DSI_HISTORY_146_DSI
DSO_HISTORY_DSO
USING(1596,1606)
ALLOCATE DATA ON SP73 SIZE 32444K;

CREATE DSI_HISTORY_147_DSI
DSO_HISTORY_DSO
USING(1607,1617)
ALLOCATE DATA ON SP74 SIZE 32444K;

CREATE DSI_HISTORY_148_DSI
DSO_HISTORY_DSO
USING(1618,1628)
ALLOCATE DATA ON SP74 SIZE 32444K;

CREATE DSI_HISTORY_149_DSI
DSO_HISTORY_DSO

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        USING(1629,1639)
        ALLOCATE DATA    ON SP75 SIZE 32444K;

CREATE DSI HISTORY_150_DSI
DSO HISTORY_DSO
USING(1640,1650)
ALLOCATE DATA    ON SP75 SIZE 32444K;

CREATE DSI HISTORY_151_DSI
DSO HISTORY_DSO
USING(1651,1661)
ALLOCATE DATA    ON SP76 SIZE 32444K;

CREATE DSI HISTORY_152_DSI
DSO HISTORY_DSO
USING(1662,1672)
ALLOCATE DATA    ON SP76 SIZE 32444K;

CREATE DSI HISTORY_153_DSI
DSO HISTORY_DSO
USING(1673,1683)
ALLOCATE DATA    ON SP77 SIZE 32444K;

CREATE DSI HISTORY_154_DSI
DSO HISTORY_DSO
USING(1684,1694)
ALLOCATE DATA    ON SP77 SIZE 32444K;

CREATE DSI HISTORY_155_DSI
DSO HISTORY_DSO
USING(1695,1705)
ALLOCATE DATA    ON SP78 SIZE 32444K;

CREATE DSI HISTORY_156_DSI
DSO HISTORY_DSO
USING(1706,1716)
ALLOCATE DATA    ON SP78 SIZE 32444K;

CREATE DSI HISTORY_157_DSI
DSO HISTORY_DSO
USING(1717,1727)
ALLOCATE DATA    ON SP79 SIZE 32444K;

CREATE DSI HISTORY_158_DSI
DSO HISTORY_DSO
USING(1728,1738)
ALLOCATE DATA    ON SP79 SIZE 32444K;

CREATE DSI HISTORY_159_DSI
DSO HISTORY_DSO
USING(1739,1749)
ALLOCATE DATA    ON SP80 SIZE 32444K;

CREATE DSI HISTORY_160_DSI
DSO HISTORY_DSO
USING(1750,1760)
ALLOCATE DATA    ON SP80 SIZE 32444K;

CREATE DSI HISTORY_161_DSI
DSO HISTORY_DSO
USING(1761,1771)
ALLOCATE DATA    ON SP81 SIZE 32444K;

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CREATE DSI HISTORY_162_DSI
DSO HISTORY_DSO
USING(1772,1782)
ALLOCATE DATA    ON SP81 SIZE 32444K;

CREATE DSI HISTORY_163_DSI
DSO HISTORY_DSO
USING(1783,1793)
ALLOCATE DATA    ON SP82 SIZE 32444K;

CREATE DSI HISTORY_164_DSI
DSO HISTORY_DSO
USING(1794,1804)
ALLOCATE DATA    ON SP82 SIZE 32444K;

CREATE DSI HISTORY_165_DSI
DSO HISTORY_DSO
USING(1805,1815)
ALLOCATE DATA    ON SP83 SIZE 32444K;

CREATE DSI HISTORY_166_DSI
DSO HISTORY_DSO
USING(1816,1826)
ALLOCATE DATA    ON SP83 SIZE 32444K;

CREATE DSI HISTORY_167_DSI
DSO HISTORY_DSO
USING(1827,1837)
ALLOCATE DATA    ON SP84 SIZE 32444K;

CREATE DSI HISTORY_168_DSI
DSO HISTORY_DSO
USING(1838,1848)
ALLOCATE DATA    ON SP84 SIZE 32444K;

CREATE DSI HISTORY_169_DSI
DSO HISTORY_DSO
USING(1849,1859)
ALLOCATE DATA    ON SP85 SIZE 32444K;

CREATE DSI HISTORY_170_DSI
DSO HISTORY_DSO
USING(1860,1870)
ALLOCATE DATA    ON SP85 SIZE 32444K;

CREATE DSI HISTORY_171_DSI
DSO HISTORY_DSO
USING(1871,1881)
ALLOCATE DATA    ON SP86 SIZE 32444K;

CREATE DSI HISTORY_172_DSI
DSO HISTORY_DSO
USING(1882,1892)
ALLOCATE DATA    ON SP86 SIZE 32444K;

CREATE DSI HISTORY_173_DSI
DSO HISTORY_DSO
USING(1893,1903)
ALLOCATE DATA    ON SP87 SIZE 32444K;

CREATE DSI HISTORY_174_DSI
DSO HISTORY_DSO
USING(1904,1914)

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    ALLOCATE DATA    ON SP87 SIZE 32444K;
CREATE DSI HISTORY_175_DSI
  DSO HISTORY_DSO
  USING(1915,1925)
  ALLOCATE DATA    ON SP88 SIZE 32444K;
CREATE DSI HISTORY_176_DSI
  DSO HISTORY_DSO
  USING(1926,1936)
  ALLOCATE DATA    ON SP88 SIZE 32444K;
CREATE DSI HISTORY_177_DSI
  DSO HISTORY_DSO
  USING(1937,1947)
  ALLOCATE DATA    ON SP89 SIZE 32444K;
CREATE DSI HISTORY_178_DSI
  DSO HISTORY_DSO
  USING(1948,1958)
  ALLOCATE DATA    ON SP89 SIZE 32444K;
CREATE DSI HISTORY_179_DSI
  DSO HISTORY_DSO
  USING(1959,1969)
  ALLOCATE DATA    ON SP90 SIZE 32444K;
CREATE DSI HISTORY_180_DSI
  DSO HISTORY_DSO
  USING(1970,1980)
  ALLOCATE DATA    ON SP90 SIZE 32444K;
CREATE DSI HISTORY_181_DSI
  DSO HISTORY_DSO
  USING(1981,1991)
  ALLOCATE DATA    ON SP91 SIZE 32444K;
CREATE DSI HISTORY_182_DSI
  DSO HISTORY_DSO
  USING(1992,2002)
  ALLOCATE DATA    ON SP91 SIZE 32444K;
CREATE DSI HISTORY_183_DSI
  DSO HISTORY_DSO
  USING(2003,2013)
  ALLOCATE DATA    ON SP92 SIZE 32444K;
CREATE DSI HISTORY_184_DSI
  DSO HISTORY_DSO
  USING(2014,2024)
  ALLOCATE DATA    ON SP92 SIZE 32444K;
CREATE DSI HISTORY_185_DSI
  DSO HISTORY_DSO
  USING(2025,2035)
  ALLOCATE DATA    ON SP93 SIZE 32444K;
CREATE DSI HISTORY_186_DSI
  DSO HISTORY_DSO
  USING(2036,2046)
  ALLOCATE DATA    ON SP93 SIZE 32444K;
CREATE DSI HISTORY_187_DSI
  DSO HISTORY_DSO
  USING(2047,2057)
  ALLOCATE DATA    ON SP94 SIZE 32444K;
CREATE DSI HISTORY_188_DSI
  DSO HISTORY_DSO
  USING(2058,2068)
  ALLOCATE DATA    ON SP94 SIZE 32444K;
CREATE DSI HISTORY_189_DSI
  DSO HISTORY_DSO
  USING(2069,2079)
  ALLOCATE DATA    ON SP95 SIZE 32444K;
CREATE DSI HISTORY_190_DSI
  DSO HISTORY_DSO
  USING(2080,2090)
  ALLOCATE DATA    ON SP95 SIZE 32444K;
CREATE DSI HISTORY_191_DSI
  DSO HISTORY_DSO
  USING(2091,2101)
  ALLOCATE DATA    ON SP96 SIZE 32444K;
CREATE DSI HISTORY_192_DSI
  DSO HISTORY_DSO
  USING(2102,2112)
  ALLOCATE DATA    ON SP96 SIZE 32444K;
CREATE DSI HISTORY_193_DSI
  DSO HISTORY_DSO
  USING(2113,2123)
  ALLOCATE DATA    ON SP97 SIZE 32444K;
CREATE DSI HISTORY_194_DSI
  DSO HISTORY_DSO
  USING(2124,2134)
  ALLOCATE DATA    ON SP97 SIZE 32444K;
CREATE DSI HISTORY_195_DSI
  DSO HISTORY_DSO
  USING(2135,2145)
  ALLOCATE DATA    ON SP98 SIZE 32444K;
CREATE DSI HISTORY_196_DSI
  DSO HISTORY_DSO
  USING(2146,2156)
  ALLOCATE DATA    ON SP98 SIZE 32444K;
CREATE DSI HISTORY_197_DSI
  DSO HISTORY_DSO
  USING(2157,2167)
  ALLOCATE DATA    ON SP99 SIZE 32444K;
CREATE DSI HISTORY_198_DSI
  DSO HISTORY_DSO
  USING(2168,2178)
  ALLOCATE DATA    ON SP99 SIZE 32444K;
CREATE DSI HISTORY_199_DSI
  DSO HISTORY_DSO
  USING(2179,2189)
  ALLOCATE DATA    ON SP100 SIZE 32444K;

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CREATE DSI HISTORY_200_DSI
  DSO HISTORY_DSO
  USING(2190,2200)
  ALLOCATE DATA ON SP100 SIZE 32444K;

CREATE DSI HISTORY_201_DSI
  DSO HISTORY_DSO
  USING(2201,2211)
  ALLOCATE DATA ON SP101 SIZE 32444K;

CREATE DSI HISTORY_202_DSI
  DSO HISTORY_DSO
  USING(2212,2222)
  ALLOCATE DATA ON SP101 SIZE 32444K;

CREATE DSI HISTORY_203_DSI
  DSO HISTORY_DSO
  USING(2223,2233)
  ALLOCATE DATA ON SP102 SIZE 32444K;

CREATE DSI HISTORY_204_DSI
  DSO HISTORY_DSO
  USING(2234,2244)
  ALLOCATE DATA ON SP102 SIZE 32444K;

CREATE DSI HISTORY_205_DSI
  DSO HISTORY_DSO
  USING(2245,2255)
  ALLOCATE DATA ON SP103 SIZE 32444K;

CREATE DSI HISTORY_206_DSI
  DSO HISTORY_DSO
  USING(2256,2266)
  ALLOCATE DATA ON SP103 SIZE 32444K;

CREATE DSI HISTORY_207_DSI
  DSO HISTORY_DSO
  USING(2267,2277)
  ALLOCATE DATA ON SP104 SIZE 32444K;

CREATE DSI HISTORY_208_DSI
  DSO HISTORY_DSO
  USING(2278,2288)
  ALLOCATE DATA ON SP104 SIZE 32444K;

CREATE DSI HISTORY_209_DSI
  DSO HISTORY_DSO
  USING(2289,2299)
  ALLOCATE DATA ON SP105 SIZE 32444K;

CREATE DSI HISTORY_210_DSI
  DSO HISTORY_DSO
  USING(2300,2310)
  ALLOCATE DATA ON SP105 SIZE 32444K;

CREATE DSI HISTORY_211_DSI
  DSO HISTORY_DSO
  USING(2311,2321)
  ALLOCATE DATA ON SP106 SIZE 32444K;

CREATE DSI HISTORY_212_DSI
  DSO HISTORY_DSO
  USING(2322,2332)
  ALLOCATE DATA ON SP106 SIZE 32444K;

CREATE DSI HISTORY_213_DSI
  DSO HISTORY_DSO
  USING(2333,2343)
  ALLOCATE DATA ON SP107 SIZE 32444K;

CREATE DSI HISTORY_214_DSI
  DSO HISTORY_DSO
  USING(2344,2354)
  ALLOCATE DATA ON SP107 SIZE 32444K;

CREATE DSI HISTORY_215_DSI
  DSO HISTORY_DSO
  USING(2355,2365)
  ALLOCATE DATA ON SP108 SIZE 32444K;

CREATE DSI HISTORY_216_DSI
  DSO HISTORY_DSO
  USING(2366,2376)
  ALLOCATE DATA ON SP108 SIZE 32444K;

CREATE DSI HISTORY_217_DSI
  DSO HISTORY_DSO
  USING(2377,2387)
  ALLOCATE DATA ON SP109 SIZE 32444K;

CREATE DSI HISTORY_218_DSI
  DSO HISTORY_DSO
  USING(2388,2398)
  ALLOCATE DATA ON SP109 SIZE 32444K;

CREATE DSI HISTORY_219_DSI
  DSO HISTORY_DSO
  USING(2399,2409)
  ALLOCATE DATA ON SP110 SIZE 32444K;

CREATE DSI HISTORY_220_DSI
  DSO HISTORY_DSO
  USING(2410,2420)
  ALLOCATE DATA ON SP110 SIZE 32444K;

CREATE DSI HISTORY_221_DSI
  DSO HISTORY_DSO
  USING(2421,2431)
  ALLOCATE DATA ON SP111 SIZE 32444K;

CREATE DSI HISTORY_222_DSI
  DSO HISTORY_DSO
  USING(2432,2442)
  ALLOCATE DATA ON SP111 SIZE 32444K;

CREATE DSI HISTORY_223_DSI
  DSO HISTORY_DSO
  USING(2443,2453)
  ALLOCATE DATA ON SP112 SIZE 32444K;

CREATE DSI HISTORY_224_DSI
  DSO HISTORY_DSO
  USING(2454,2464)
  ALLOCATE DATA ON SP112 SIZE 32444K;

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CREATE DSI HISTORY_225_DSI
  DSO HISTORY_DSO
  USING(2465,2475)
  ALLOCATE DATA ON SP113 SIZE 32444K;

CREATE DSI HISTORY_226_DSI
  DSO HISTORY_DSO
  USING(2476,2486)
  ALLOCATE DATA ON SP113 SIZE 32444K;

CREATE DSI HISTORY_227_DSI
  DSO HISTORY_DSO
  USING(2487,2497)
  ALLOCATE DATA ON SP114 SIZE 32444K;

CREATE DSI HISTORY_228_DSI
  DSO HISTORY_DSO
  USING(2498,2508)
  ALLOCATE DATA ON SP114 SIZE 32444K;

CREATE DSI HISTORY_229_DSI
  DSO HISTORY_DSO
  USING(2509,2519)
  ALLOCATE DATA ON SP115 SIZE 32444K;

CREATE DSI HISTORY_230_DSI
  DSO HISTORY_DSO
  USING(2520,2530)
  ALLOCATE DATA ON SP115 SIZE 32444K;

CREATE DSI HISTORY_231_DSI
  DSO HISTORY_DSO
  USING(2531,2541)
  ALLOCATE DATA ON SP116 SIZE 32444K;

CREATE DSI HISTORY_232_DSI
  DSO HISTORY_DSO
  USING(2542,2552)
  ALLOCATE DATA ON SP116 SIZE 32444K;

CREATE DSI HISTORY_233_DSI
  DSO HISTORY_DSO
  USING(2553,2563)
  ALLOCATE DATA ON SP117 SIZE 32444K;

CREATE DSI HISTORY_234_DSI
  DSO HISTORY_DSO
  USING(2564,2574)
  ALLOCATE DATA ON SP117 SIZE 32444K;

CREATE DSI HISTORY_235_DSI
  DSO HISTORY_DSO
  USING(2575,2585)
  ALLOCATE DATA ON SP118 SIZE 32444K;

CREATE DSI HISTORY_236_DSI
  DSO HISTORY_DSO
  USING(2586,2596)
  ALLOCATE DATA ON SP118 SIZE 32444K;

CREATE DSI HISTORY_237_DSI
  DSO HISTORY_DSO
  USING(2597,2607)
  ALLOCATE DATA ON SP119 SIZE 32444K;

CREATE DSI HISTORY_238_DSI
  DSO HISTORY_DSO
  USING(2608,2618)
  ALLOCATE DATA ON SP119 SIZE 32444K;

CREATE DSI HISTORY_239_DSI
  DSO HISTORY_DSO
  USING(2619,2629)
  ALLOCATE DATA ON SP120 SIZE 32444K;

CREATE DSI HISTORY_240_DSI
  DSO HISTORY_DSO
  USING(2630,2640)
  ALLOCATE DATA ON SP120 SIZE 32444K;

CREATE DSI HISTORY_241_DSI
  DSO HISTORY_DSO
  USING(2641,2651)
  ALLOCATE DATA ON SP121 SIZE 32444K;

CREATE DSI HISTORY_242_DSI
  DSO HISTORY_DSO
  USING(2652,2662)
  ALLOCATE DATA ON SP121 SIZE 32444K;

CREATE DSI HISTORY_243_DSI
  DSO HISTORY_DSO
  USING(2663,2673)
  ALLOCATE DATA ON SP122 SIZE 32444K;

CREATE DSI HISTORY_244_DSI
  DSO HISTORY_DSO
  USING(2674,2684)
  ALLOCATE DATA ON SP122 SIZE 32444K;

CREATE DSI HISTORY_245_DSI
  DSO HISTORY_DSO
  USING(2685,2695)
  ALLOCATE DATA ON SP123 SIZE 32444K;

CREATE DSI HISTORY_246_DSI
  DSO HISTORY_DSO
  USING(2696,2706)
  ALLOCATE DATA ON SP123 SIZE 32444K;

CREATE DSI HISTORY_247_DSI
  DSO HISTORY_DSO
  USING(2707,2717)
  ALLOCATE DATA ON SP124 SIZE 32444K;

CREATE DSI HISTORY_248_DSI
  DSO HISTORY_DSO
  USING(2718,2728)
  ALLOCATE DATA ON SP124 SIZE 32444K;

CREATE DSI HISTORY_249_DSI
  DSO HISTORY_DSO
  USING(2729,2739)
  ALLOCATE DATA ON SP125 SIZE 32444K;

CREATE DSI HISTORY_250_DSI

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DSO HISTORY_DSO
USING(2740,2750)
ALLOCATE DATA    ON SP125 SIZE 32444K;

CREATE DSI HISTORY_251_DSI
DSO HISTORY_DSO
USING(2751,2761)
ALLOCATE DATA    ON SP126 SIZE 32444K;

CREATE DSI HISTORY_252_DSI
DSO HISTORY_DSO
USING(2762,2772)
ALLOCATE DATA    ON SP126 SIZE 32444K;

CREATE DSI HISTORY_253_DSI
DSO HISTORY_DSO
USING(2773,2783)
ALLOCATE DATA    ON SP127 SIZE 32444K;

CREATE DSI HISTORY_254_DSI
DSO HISTORY_DSO
USING(2784,2794)
ALLOCATE DATA    ON SP127 SIZE 32444K;

CREATE DSI HISTORY_255_DSI
DSO HISTORY_DSO
USING(2795,2805)
ALLOCATE DATA    ON SP128 SIZE 32444K;

CREATE DSI HISTORY_256_DSI
DSO HISTORY_DSO
USING(2806,2816)
ALLOCATE DATA    ON SP128 SIZE 32444K;

CREATE DSI HISTORY_257_DSI
DSO HISTORY_DSO
USING(2817,2827)
ALLOCATE DATA    ON SP129 SIZE 32444K;

CREATE DSI HISTORY_258_DSI
DSO HISTORY_DSO
USING(2828,2838)
ALLOCATE DATA    ON SP129 SIZE 32444K;

CREATE DSI HISTORY_259_DSI
DSO HISTORY_DSO
USING(2839,2849)
ALLOCATE DATA    ON SP130 SIZE 32444K;

CREATE DSI HISTORY_260_DSI
DSO HISTORY_DSO
USING(2850,2860)
ALLOCATE DATA    ON SP130 SIZE 32444K;

CREATE DSI HISTORY_261_DSI
DSO HISTORY_DSO
USING(2861,2871)
ALLOCATE DATA    ON SP131 SIZE 32444K;

CREATE DSI HISTORY_262_DSI
DSO HISTORY_DSO
USING(2872,2882)
ALLOCATE DATA    ON SP131 SIZE 32444K;

CREATE DSI HISTORY_263_DSI
DSO HISTORY_DSO
USING(2883,2893)
ALLOCATE DATA    ON SP132 SIZE 32444K;

CREATE DSI HISTORY_264_DSI
DSO HISTORY_DSO
USING(2894,2904)
ALLOCATE DATA    ON SP132 SIZE 32444K;

CREATE DSI HISTORY_265_DSI
DSO HISTORY_DSO
USING(2905,2915)
ALLOCATE DATA    ON SP133 SIZE 32444K;

CREATE DSI HISTORY_266_DSI
DSO HISTORY_DSO
USING(2916,2926)
ALLOCATE DATA    ON SP133 SIZE 32444K;

CREATE DSI HISTORY_267_DSI
DSO HISTORY_DSO
USING(2927,2937)
ALLOCATE DATA    ON SP134 SIZE 32444K;

CREATE DSI HISTORY_268_DSI
DSO HISTORY_DSO
USING(2938,2948)
ALLOCATE DATA    ON SP134 SIZE 32444K;

CREATE DSI HISTORY_269_DSI
DSO HISTORY_DSO
USING(2949,2959)
ALLOCATE DATA    ON SP135 SIZE 32444K;

CREATE DSI HISTORY_270_DSI
DSO HISTORY_DSO
USING(2960,2970)
ALLOCATE DATA    ON SP135 SIZE 32444K;

CREATE DSI HISTORY_271_DSI
DSO HISTORY_DSO
USING(2971,2981)
ALLOCATE DATA    ON SP136 SIZE 32444K;

CREATE DSI HISTORY_272_DSI
DSO HISTORY_DSO
USING(2982,2992)
ALLOCATE DATA    ON SP136 SIZE 32444K;

CREATE DSI HISTORY_273_DSI
DSO HISTORY_DSO
USING(2993,3003)
ALLOCATE DATA    ON SP137 SIZE 32444K;

CREATE DSI HISTORY_274_DSI
DSO HISTORY_DSO
USING(3004,3014)
ALLOCATE DATA    ON SP137 SIZE 32444K;

CREATE DSI HISTORY_275_DSI
DSO HISTORY_DSO

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        USING(3015,3025)
        ALLOCATE DATA    ON SP138 SIZE 32444K;

CREATE DSI HISTORY_276_DSI
DSO HISTORY_DSO
USING(3026,3036)
ALLOCATE DATA    ON SP138 SIZE 32444K;

CREATE DSI HISTORY_277_DSI
DSO HISTORY_DSO
USING(3037,3047)
ALLOCATE DATA    ON SP139 SIZE 32444K;

CREATE DSI HISTORY_278_DSI
DSO HISTORY_DSO
USING(3048,3058)
ALLOCATE DATA    ON SP139 SIZE 32444K;

CREATE DSI HISTORY_279_DSI
DSO HISTORY_DSO
USING(3059,3069)
ALLOCATE DATA    ON SP140 SIZE 32444K;

CREATE DSI HISTORY_280_DSI
DSO HISTORY_DSO
USING(3070,3080)
ALLOCATE DATA    ON SP140 SIZE 32444K;

CREATE DSI HISTORY_281_DSI
DSO HISTORY_DSO
USING(3081,3091)
ALLOCATE DATA    ON SP141 SIZE 32444K;

CREATE DSI HISTORY_282_DSI
DSO HISTORY_DSO
USING(3092,3102)
ALLOCATE DATA    ON SP141 SIZE 32444K;

CREATE DSI HISTORY_283_DSI
DSO HISTORY_DSO
USING(3103,3113)
ALLOCATE DATA    ON SP142 SIZE 32444K;

CREATE DSI HISTORY_284_DSI
DSO HISTORY_DSO
USING(3114,3124)
ALLOCATE DATA    ON SP142 SIZE 32444K;

CREATE DSI HISTORY_285_DSI
DSO HISTORY_DSO
USING(3125,3135)
ALLOCATE DATA    ON SP143 SIZE 32444K;

CREATE DSI HISTORY_286_DSI
DSO HISTORY_DSO
USING(3136,3146)
ALLOCATE DATA    ON SP143 SIZE 32444K;

CREATE DSI HISTORY_287_DSI
DSO HISTORY_DSO
USING(3147,3157)
ALLOCATE DATA    ON SP144 SIZE 32444K;

CREATE DSI HISTORY_288_DSI
DSO HISTORY_DSO
USING(3158,3168)
ALLOCATE DATA    ON SP144 SIZE 32444K;

CREATE DSI HISTORY_289_DSI
DSO HISTORY_DSO
USING(3169,3179)
ALLOCATE DATA    ON SP145 SIZE 32444K;

CREATE DSI HISTORY_290_DSI
DSO HISTORY_DSO
USING(3180,3190)
ALLOCATE DATA    ON SP145 SIZE 32444K;

CREATE DSI HISTORY_291_DSI
DSO HISTORY_DSO
USING(3191,3201)
ALLOCATE DATA    ON SP146 SIZE 32444K;

CREATE DSI HISTORY_292_DSI
DSO HISTORY_DSO
USING(3202,3212)
ALLOCATE DATA    ON SP146 SIZE 32444K;

CREATE DSI HISTORY_293_DSI
DSO HISTORY_DSO
USING(3213,3223)
ALLOCATE DATA    ON SP147 SIZE 32444K;

CREATE DSI HISTORY_294_DSI
DSO HISTORY_DSO
USING(3224,3234)
ALLOCATE DATA    ON SP147 SIZE 32444K;

CREATE DSI HISTORY_295_DSI
DSO HISTORY_DSO
USING(3235,3245)
ALLOCATE DATA    ON SP148 SIZE 32444K;

CREATE DSI HISTORY_296_DSI
DSO HISTORY_DSO
USING(3246,3256)
ALLOCATE DATA    ON SP148 SIZE 32444K;

CREATE DSI HISTORY_297_DSI
DSO HISTORY_DSO
USING(3257,3267)
ALLOCATE DATA    ON SP149 SIZE 32444K;

CREATE DSI HISTORY_298_DSI
DSO HISTORY_DSO
USING(3268,3278)
ALLOCATE DATA    ON SP149 SIZE 32444K;

CREATE DSI HISTORY_299_DSI
DSO HISTORY_DSO
USING(3279,3289)
ALLOCATE DATA    ON SP150 SIZE 32444K;

CREATE DSI HISTORY_300_DSI
DSO HISTORY_DSO
USING(3290,3300)

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        ALLOCATE DATA    ON SP150 SIZE 32444K;
CREATE DSI HISTORY_301_DSI
  DSO HISTORY_DSO
  USING(3301,3311)
  ALLOCATE DATA    ON SP151 SIZE 32444K;
CREATE DSI HISTORY_302_DSI
  DSO HISTORY_DSO
  USING(3312,3322)
  ALLOCATE DATA    ON SP151 SIZE 32444K;
CREATE DSI HISTORY_303_DSI
  DSO HISTORY_DSO
  USING(3323,3333)
  ALLOCATE DATA    ON SP152 SIZE 32444K;
CREATE DSI HISTORY_304_DSI
  DSO HISTORY_DSO
  USING(3334,3344)
  ALLOCATE DATA    ON SP152 SIZE 32444K;
CREATE DSI HISTORY_305_DSI
  DSO HISTORY_DSO
  USING(3345,3355)
  ALLOCATE DATA    ON SP153 SIZE 32444K;
CREATE DSI HISTORY_306_DSI
  DSO HISTORY_DSO
  USING(3356,3366)
  ALLOCATE DATA    ON SP153 SIZE 32444K;
CREATE DSI HISTORY_307_DSI
  DSO HISTORY_DSO
  USING(3367,3377)
  ALLOCATE DATA    ON SP154 SIZE 32444K;
CREATE DSI HISTORY_308_DSI
  DSO HISTORY_DSO
  USING(3378,3388)
  ALLOCATE DATA    ON SP154 SIZE 32444K;
CREATE DSI HISTORY_309_DSI
  DSO HISTORY_DSO
  USING(3389,3399)
  ALLOCATE DATA    ON SP155 SIZE 32444K;
CREATE DSI HISTORY_310_DSI
  DSO HISTORY_DSO
  USING(3400,3410)
  ALLOCATE DATA    ON SP155 SIZE 32444K;
CREATE DSI HISTORY_311_DSI
  DSO HISTORY_DSO
  USING(3411,3421)
  ALLOCATE DATA    ON SP156 SIZE 32444K;
CREATE DSI HISTORY_312_DSI
  DSO HISTORY_DSO
  USING(3422,3432)
  ALLOCATE DATA    ON SP156 SIZE 32444K;
CREATE DSI HISTORY_313_DSI
  DSO HISTORY_DSO
  USING(3433,3443)
  ALLOCATE DATA    ON SP157 SIZE 32444K;
CREATE DSI HISTORY_314_DSI
  DSO HISTORY_DSO
  USING(3444,3454)
  ALLOCATE DATA    ON SP157 SIZE 32444K;
CREATE DSI HISTORY_315_DSI
  DSO HISTORY_DSO
  USING(3455,3465)
  ALLOCATE DATA    ON SP158 SIZE 32444K;
CREATE DSI HISTORY_316_DSI
  DSO HISTORY_DSO
  USING(3466,3476)
  ALLOCATE DATA    ON SP158 SIZE 32444K;
CREATE DSI HISTORY_317_DSI
  DSO HISTORY_DSO
  USING(3477,3487)
  ALLOCATE DATA    ON SP159 SIZE 32444K;
CREATE DSI HISTORY_318_DSI
  DSO HISTORY_DSO
  USING(3488,3498)
  ALLOCATE DATA    ON SP159 SIZE 32444K;
CREATE DSI HISTORY_319_DSI
  DSO HISTORY_DSO
  USING(3499,3509)
  ALLOCATE DATA    ON SP160 SIZE 32444K;
CREATE DSI HISTORY_320_DSI
  DSO HISTORY_DSO
  USING(3510,3520)
  ALLOCATE DATA    ON SP160 SIZE 32444K;
CREATE DSI HISTORY_321_DSI
  DSO HISTORY_DSO
  USING(3521,3531)
  ALLOCATE DATA    ON SP161 SIZE 32444K;
CREATE DSI HISTORY_322_DSI
  DSO HISTORY_DSO
  USING(3532,3542)
  ALLOCATE DATA    ON SP161 SIZE 32444K;
CREATE DSI HISTORY_323_DSI
  DSO HISTORY_DSO
  USING(3543,3553)
  ALLOCATE DATA    ON SP162 SIZE 32444K;
CREATE DSI HISTORY_324_DSI
  DSO HISTORY_DSO
  USING(3554,3564)
  ALLOCATE DATA    ON SP162 SIZE 32444K;
CREATE DSI HISTORY_325_DSI
  DSO HISTORY_DSO
  USING(3565,3575)
  ALLOCATE DATA    ON SP163 SIZE 32444K;

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CREATE DSI HISTORY_326_DSI
  DSO HISTORY_DSO
  USING(3576,3586)
  ALLOCATE DATA ON SP163 SIZE 32444K;

CREATE DSI HISTORY_327_DSI
  DSO HISTORY_DSO
  USING(3587,3597)
  ALLOCATE DATA ON SP164 SIZE 32444K;

CREATE DSI HISTORY_328_DSI
  DSO HISTORY_DSO
  USING(3598,3608)
  ALLOCATE DATA ON SP164 SIZE 32444K;

CREATE DSI HISTORY_329_DSI
  DSO HISTORY_DSO
  USING(3609,3619)
  ALLOCATE DATA ON SP165 SIZE 32444K;

CREATE DSI HISTORY_330_DSI
  DSO HISTORY_DSO
  USING(3620,3630)
  ALLOCATE DATA ON SP165 SIZE 32444K;

CREATE DSI HISTORY_331_DSI
  DSO HISTORY_DSO
  USING(3631,3641)
  ALLOCATE DATA ON SP166 SIZE 32444K;

CREATE DSI HISTORY_332_DSI
  DSO HISTORY_DSO
  USING(3642,3652)
  ALLOCATE DATA ON SP166 SIZE 32444K;

CREATE DSI HISTORY_333_DSI
  DSO HISTORY_DSO
  USING(3653,3663)
  ALLOCATE DATA ON SP167 SIZE 32444K;

CREATE DSI HISTORY_334_DSI
  DSO HISTORY_DSO
  USING(3664,3674)
  ALLOCATE DATA ON SP167 SIZE 32444K;

CREATE DSI HISTORY_335_DSI
  DSO HISTORY_DSO
  USING(3675,3685)
  ALLOCATE DATA ON SP168 SIZE 32444K;

CREATE DSI HISTORY_336_DSI
  DSO HISTORY_DSO
  USING(3686,3696)
  ALLOCATE DATA ON SP168 SIZE 32444K;

CREATE DSI HISTORY_337_DSI
  DSO HISTORY_DSO
  USING(3697,3707)
  ALLOCATE DATA ON SP169 SIZE 32444K;

CREATE DSI HISTORY_338_DSI
  DSO HISTORY_DSO
  USING(3708,3718)
  ALLOCATE DATA ON SP169 SIZE 32444K;

CREATE DSI HISTORY_339_DSI
  DSO HISTORY_DSO
  USING(3719,3729)
  ALLOCATE DATA ON SP170 SIZE 32444K;

CREATE DSI HISTORY_340_DSI
  DSO HISTORY_DSO
  USING(3730,3740)
  ALLOCATE DATA ON SP170 SIZE 32444K;

CREATE DSI HISTORY_341_DSI
  DSO HISTORY_DSO
  USING(3741,3751)
  ALLOCATE DATA ON SP171 SIZE 32444K;

CREATE DSI HISTORY_342_DSI
  DSO HISTORY_DSO
  USING(3752,3762)
  ALLOCATE DATA ON SP171 SIZE 32444K;

CREATE DSI HISTORY_343_DSI
  DSO HISTORY_DSO
  USING(3763,3773)
  ALLOCATE DATA ON SP172 SIZE 32444K;

CREATE DSI HISTORY_344_DSI
  DSO HISTORY_DSO
  USING(3774,3784)
  ALLOCATE DATA ON SP172 SIZE 32444K;

CREATE DSI HISTORY_345_DSI
  DSO HISTORY_DSO
  USING(3785,3795)
  ALLOCATE DATA ON SP173 SIZE 32444K;

CREATE DSI HISTORY_346_DSI
  DSO HISTORY_DSO
  USING(3796,3806)
  ALLOCATE DATA ON SP173 SIZE 32444K;

CREATE DSI HISTORY_347_DSI
  DSO HISTORY_DSO
  USING(3807,3817)
  ALLOCATE DATA ON SP174 SIZE 32444K;

CREATE DSI HISTORY_348_DSI
  DSO HISTORY_DSO
  USING(3818,3828)
  ALLOCATE DATA ON SP174 SIZE 32444K;

CREATE DSI HISTORY_349_DSI
  DSO HISTORY_DSO
  USING(3829,3839)
  ALLOCATE DATA ON SP175 SIZE 32444K;

CREATE DSI HISTORY_350_DSI
  DSO HISTORY_DSO
  USING(3840,3850)
  ALLOCATE DATA ON SP175 SIZE 32444K;

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CREATE DSI HISTORY_351_DSI
  DSO HISTORY_DSO
  USING(3851,3861)
  ALLOCATE DATA ON SP176 SIZE 32444K;
CREATE DSI HISTORY_352_DSI
  DSO HISTORY_DSO
  USING(3862,3872)
  ALLOCATE DATA ON SP176 SIZE 32444K;
CREATE DSI HISTORY_353_DSI
  DSO HISTORY_DSO
  USING(3873,3883)
  ALLOCATE DATA ON SP177 SIZE 32444K;
CREATE DSI HISTORY_354_DSI
  DSO HISTORY_DSO
  USING(3884,3894)
  ALLOCATE DATA ON SP177 SIZE 32444K;
CREATE DSI HISTORY_355_DSI
  DSO HISTORY_DSO
  USING(3895,3905)
  ALLOCATE DATA ON SP178 SIZE 32444K;
CREATE DSI HISTORY_356_DSI
  DSO HISTORY_DSO
  USING(3906,3916)
  ALLOCATE DATA ON SP178 SIZE 32444K;
CREATE DSI HISTORY_357_DSI
  DSO HISTORY_DSO
  USING(3917,3927)
  ALLOCATE DATA ON SP179 SIZE 32444K;
CREATE DSI HISTORY_358_DSI
  DSO HISTORY_DSO
  USING(3928,3938)
  ALLOCATE DATA ON SP179 SIZE 32444K;
CREATE DSI HISTORY_359_DSI
  DSO HISTORY_DSO
  USING(3939,3949)
  ALLOCATE DATA ON SP180 SIZE 32444K;
CREATE DSI HISTORY_360_DSI
  DSO HISTORY_DSO
  USING(3950,3960)
  ALLOCATE DATA ON SP180 SIZE 32444K;
CREATE DSI HISTORY_361_DSI
  DSO HISTORY_DSO
  USING(3961,3971)
  ALLOCATE DATA ON SP181 SIZE 32444K;
CREATE DSI HISTORY_362_DSI
  DSO HISTORY_DSO
  USING(3972,3982)
  ALLOCATE DATA ON SP181 SIZE 32444K;
CREATE DSI HISTORY_363_DSI
  DSO HISTORY_DSO
  USING(3983,3993)
  ALLOCATE DATA ON SP182 SIZE 32444K;
CREATE DSI HISTORY_364_DSI
  DSO HISTORY_DSO
  USING(3994,4004)
  ALLOCATE DATA ON SP182 SIZE 32444K;
CREATE DSI HISTORY_365_DSI
  DSO HISTORY_DSO
  USING(4005,4015)
  ALLOCATE DATA ON SP183 SIZE 32444K;
CREATE DSI HISTORY_366_DSI
  DSO HISTORY_DSO
  USING(4016,4026)
  ALLOCATE DATA ON SP183 SIZE 32444K;
CREATE DSI HISTORY_367_DSI
  DSO HISTORY_DSO
  USING(4027,4037)
  ALLOCATE DATA ON SP184 SIZE 32444K;
CREATE DSI HISTORY_368_DSI
  DSO HISTORY_DSO
  USING(4038,4048)
  ALLOCATE DATA ON SP184 SIZE 32444K;
CREATE DSI HISTORY_369_DSI
  DSO HISTORY_DSO
  USING(4049,4059)
  ALLOCATE DATA ON SP185 SIZE 32444K;
CREATE DSI HISTORY_370_DSI
  DSO HISTORY_DSO
  USING(4060,4070)
  ALLOCATE DATA ON SP185 SIZE 32444K;
CREATE DSI HISTORY_371_DSI
  DSO HISTORY_DSO
  USING(4071,4081)
  ALLOCATE DATA ON SP186 SIZE 32444K;
CREATE DSI HISTORY_372_DSI
  DSO HISTORY_DSO
  USING(4082,4092)
  ALLOCATE DATA ON SP186 SIZE 32444K;
CREATE DSI HISTORY_373_DSI
  DSO HISTORY_DSO
  USING(4093,4103)
  ALLOCATE DATA ON SP187 SIZE 32444K;
CREATE DSI HISTORY_374_DSI
  DSO HISTORY_DSO
  USING(4104,4114)
  ALLOCATE DATA ON SP187 SIZE 32444K;
CREATE DSI HISTORY_375_DSI
  DSO HISTORY_DSO
  USING(4115,4125)
  ALLOCATE DATA ON SP188 SIZE 32444K;
CREATE DSI HISTORY_376_DSI

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DSO_HISTORY_DSO
USING(4126,4136)
ALLOCATE DATA ON SP188 SIZE 32444K;

CREATE DSI_HISTORY_377_DSI
DSO_HISTORY_DSO
USING(4137,4147)
ALLOCATE DATA ON SP189 SIZE 32444K;

CREATE DSI_HISTORY_378_DSI
DSO_HISTORY_DSO
USING(4148,4158)
ALLOCATE DATA ON SP189 SIZE 32444K;

CREATE DSI_HISTORY_379_DSI
DSO_HISTORY_DSO
USING(4159,4169)
ALLOCATE DATA ON SP190 SIZE 32444K;

CREATE DSI_HISTORY_380_DSI
DSO_HISTORY_DSO
USING(4170,4180)
ALLOCATE DATA ON SP190 SIZE 32444K;

CREATE DSI_HISTORY_381_DSI
DSO_HISTORY_DSO
USING(4181,4191)
ALLOCATE DATA ON SP191 SIZE 32444K;

CREATE DSI_HISTORY_382_DSI
DSO_HISTORY_DSO
USING(4192,4202)
ALLOCATE DATA ON SP191 SIZE 32444K;

CREATE DSI_HISTORY_383_DSI
DSO_HISTORY_DSO
USING(4203,4213)
ALLOCATE DATA ON SP192 SIZE 32444K;

CREATE DSI_HISTORY_384_DSI
DSO_HISTORY_DSO
USING(4214,4224)
ALLOCATE DATA ON SP192 SIZE 32444K;

CREATE DSI_HISTORY_385_DSI
DSO_HISTORY_DSO
USING(4225,4235)
ALLOCATE DATA ON SP193 SIZE 32444K;

CREATE DSI_HISTORY_386_DSI
DSO_HISTORY_DSO
USING(4236,4246)
ALLOCATE DATA ON SP193 SIZE 32444K;

CREATE DSI_HISTORY_387_DSI
DSO_HISTORY_DSO
USING(4247,4257)
ALLOCATE DATA ON SP194 SIZE 32444K;

CREATE DSI_HISTORY_388_DSI
DSO_HISTORY_DSO
USING(4258,4268)
ALLOCATE DATA ON SP194 SIZE 32444K;

CREATE DSI_HISTORY_389_DSI
DSO_HISTORY_DSO
USING(4269,4279)
ALLOCATE DATA ON SP195 SIZE 32444K;

CREATE DSI_HISTORY_390_DSI
DSO_HISTORY_DSO
USING(4280,4290)
ALLOCATE DATA ON SP195 SIZE 32444K;

CREATE DSI_HISTORY_391_DSI
DSO_HISTORY_DSO
USING(4291,4301)
ALLOCATE DATA ON SP196 SIZE 32444K;

CREATE DSI_HISTORY_392_DSI
DSO_HISTORY_DSO
USING(4302,4312)
ALLOCATE DATA ON SP196 SIZE 32444K;

CREATE DSI_HISTORY_393_DSI
DSO_HISTORY_DSO
USING(4313,4323)
ALLOCATE DATA ON SP197 SIZE 32444K;

CREATE DSI_HISTORY_394_DSI
DSO_HISTORY_DSO
USING(4324,4334)
ALLOCATE DATA ON SP197 SIZE 32444K;

CREATE DSI_HISTORY_395_DSI
DSO_HISTORY_DSO
USING(4335,4345)
ALLOCATE DATA ON SP198 SIZE 32444K;

CREATE DSI_HISTORY_396_DSI
DSO_HISTORY_DSO
USING(4346,4356)
ALLOCATE DATA ON SP198 SIZE 32444K;

CREATE DSI_HISTORY_397_DSI
DSO_HISTORY_DSO
USING(4357,4367)
ALLOCATE DATA ON SP199 SIZE 32444K;

CREATE DSI_HISTORY_398_DSI
DSO_HISTORY_DSO
USING(4368,4378)
ALLOCATE DATA ON SP199 SIZE 32444K;

CREATE DSI_HISTORY_399_DSI
DSO_HISTORY_DSO
USING(4379,4389)
ALLOCATE DATA ON SP200 SIZE 32444K;

CREATE DSI_HISTORY_400_DSI
DSO_HISTORY_DSO
USING(4390,4400)
ALLOCATE DATA ON SP200 SIZE 32444K;

CREATE DSI_HISTORY_401_DSI
DSO_HISTORY_DSO

```

```

        USING(4401,4411)
        ALLOCATE DATA    ON SP201 SIZE 32444K;

CREATE DSI HISTORY_402_DSI
DSO HISTORY_DSO
USING(4412,4422)
ALLOCATE DATA    ON SP201 SIZE 32444K;

CREATE DSI HISTORY_403_DSI
DSO HISTORY_DSO
USING(4423,4433)
ALLOCATE DATA    ON SP202 SIZE 32444K;

CREATE DSI HISTORY_404_DSI
DSO HISTORY_DSO
USING(4434,4444)
ALLOCATE DATA    ON SP202 SIZE 32444K;

CREATE DSI HISTORY_405_DSI
DSO HISTORY_DSO
USING(4445,4455)
ALLOCATE DATA    ON SP203 SIZE 32444K;

CREATE DSI HISTORY_406_DSI
DSO HISTORY_DSO
USING(4456,4466)
ALLOCATE DATA    ON SP203 SIZE 32444K;

CREATE DSI HISTORY_407_DSI
DSO HISTORY_DSO
USING(4467,4477)
ALLOCATE DATA    ON SP204 SIZE 32444K;

CREATE DSI HISTORY_408_DSI
DSO HISTORY_DSO
USING(4478,4488)
ALLOCATE DATA    ON SP204 SIZE 32444K;

CREATE DSI HISTORY_409_DSI
DSO HISTORY_DSO
USING(4489,4499)
ALLOCATE DATA    ON SP205 SIZE 32444K;

CREATE DSI HISTORY_410_DSI
DSO HISTORY_DSO
USING(4500,4510)
ALLOCATE DATA    ON SP205 SIZE 32444K;

CREATE DSI HISTORY_411_DSI
DSO HISTORY_DSO
USING(4511,4521)
ALLOCATE DATA    ON SP206 SIZE 32444K;

CREATE DSI HISTORY_412_DSI
DSO HISTORY_DSO
USING(4522,4532)
ALLOCATE DATA    ON SP206 SIZE 32444K;

CREATE DSI HISTORY_413_DSI
DSO HISTORY_DSO
USING(4533,4543)
ALLOCATE DATA    ON SP207 SIZE 32444K;

CREATE DSI HISTORY_414_DSI
DSO HISTORY_DSO
USING(4544,4554)
ALLOCATE DATA    ON SP207 SIZE 32444K;

CREATE DSI HISTORY_415_DSI
DSO HISTORY_DSO
USING(4555,4565)
ALLOCATE DATA    ON SP208 SIZE 32444K;

CREATE DSI HISTORY_416_DSI
DSO HISTORY_DSO
USING(4566,4576)
ALLOCATE DATA    ON SP208 SIZE 32444K;

CREATE DSI HISTORY_417_DSI
DSO HISTORY_DSO
USING(4577,4587)
ALLOCATE DATA    ON SP209 SIZE 32444K;

CREATE DSI HISTORY_418_DSI
DSO HISTORY_DSO
USING(4588,4598)
ALLOCATE DATA    ON SP209 SIZE 32444K;

CREATE DSI HISTORY_419_DSI
DSO HISTORY_DSO
USING(4599,4609)
ALLOCATE DATA    ON SP210 SIZE 32444K;

CREATE DSI HISTORY_420_DSI
DSO HISTORY_DSO
USING(4610,4620)
ALLOCATE DATA    ON SP210 SIZE 32444K;

CREATE DSI HISTORY_421_DSI
DSO HISTORY_DSO
USING(4621,4631)
ALLOCATE DATA    ON SP211 SIZE 32444K;

CREATE DSI HISTORY_422_DSI
DSO HISTORY_DSO
USING(4632,4642)
ALLOCATE DATA    ON SP211 SIZE 32444K;

CREATE DSI HISTORY_423_DSI
DSO HISTORY_DSO
USING(4643,4653)
ALLOCATE DATA    ON SP212 SIZE 32444K;

CREATE DSI HISTORY_424_DSI
DSO HISTORY_DSO
USING(4654,4664)
ALLOCATE DATA    ON SP212 SIZE 32444K;

CREATE DSI HISTORY_425_DSI
DSO HISTORY_DSO
USING(4665,4675)
ALLOCATE DATA    ON SP213 SIZE 32444K;

CREATE DSI HISTORY_426_DSI
DSO HISTORY_DSO
USING(4676,4686)

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        ALLOCATE DATA    ON SP213 SIZE 32444K;
CREATE DSI HISTORY_427_DSI
  DSO HISTORY_DSO
  USING(4687,4697)
  ALLOCATE DATA    ON SP214 SIZE 32444K;
CREATE DSI HISTORY_428_DSI
  DSO HISTORY_DSO
  USING(4698,4708)
  ALLOCATE DATA    ON SP214 SIZE 32444K;
CREATE DSI HISTORY_429_DSI
  DSO HISTORY_DSO
  USING(4709,4719)
  ALLOCATE DATA    ON SP215 SIZE 32444K;
CREATE DSI HISTORY_430_DSI
  DSO HISTORY_DSO
  USING(4720,4730)
  ALLOCATE DATA    ON SP215 SIZE 32444K;
CREATE DSI HISTORY_431_DSI
  DSO HISTORY_DSO
  USING(4731,4741)
  ALLOCATE DATA    ON SP216 SIZE 32444K;
CREATE DSI HISTORY_432_DSI
  DSO HISTORY_DSO
  USING(4742,4752)
  ALLOCATE DATA    ON SP216 SIZE 32444K;
CREATE DSI HISTORY_433_DSI
  DSO HISTORY_DSO
  USING(4753,4763)
  ALLOCATE DATA    ON SP217 SIZE 32444K;
CREATE DSI HISTORY_434_DSI
  DSO HISTORY_DSO
  USING(4764,4774)
  ALLOCATE DATA    ON SP217 SIZE 32444K;
CREATE DSI HISTORY_435_DSI
  DSO HISTORY_DSO
  USING(4775,4785)
  ALLOCATE DATA    ON SP218 SIZE 32444K;
CREATE DSI HISTORY_436_DSI
  DSO HISTORY_DSO
  USING(4786,4796)
  ALLOCATE DATA    ON SP218 SIZE 32444K;
CREATE DSI HISTORY_437_DSI
  DSO HISTORY_DSO
  USING(4797,4807)
  ALLOCATE DATA    ON SP219 SIZE 32444K;
CREATE DSI HISTORY_438_DSI
  DSO HISTORY_DSO
  USING(4808,4818)
  ALLOCATE DATA    ON SP219 SIZE 32444K;
CREATE DSI HISTORY_439_DSI
        DSO HISTORY_DSO
        USING(4819,4829)
        ALLOCATE DATA    ON SP220 SIZE 32444K;
CREATE DSI HISTORY_440_DSI
  DSO HISTORY_DSO
  USING(4830,4840)
  ALLOCATE DATA    ON SP220 SIZE 32444K;
CREATE DSI HISTORY_441_DSI
  DSO HISTORY_DSO
  USING(4841,4851)
  ALLOCATE DATA    ON SP221 SIZE 32444K;
CREATE DSI HISTORY_442_DSI
  DSO HISTORY_DSO
  USING(4852,4862)
  ALLOCATE DATA    ON SP221 SIZE 32444K;
CREATE DSI HISTORY_443_DSI
  DSO HISTORY_DSO
  USING(4863,4873)
  ALLOCATE DATA    ON SP222 SIZE 32444K;
CREATE DSI HISTORY_444_DSI
  DSO HISTORY_DSO
  USING(4874,4884)
  ALLOCATE DATA    ON SP222 SIZE 32444K;
CREATE DSI HISTORY_445_DSI
  DSO HISTORY_DSO
  USING(4885,4895)
  ALLOCATE DATA    ON SP223 SIZE 32444K;
CREATE DSI HISTORY_446_DSI
  DSO HISTORY_DSO
  USING(4896,4906)
  ALLOCATE DATA    ON SP223 SIZE 32444K;
CREATE DSI HISTORY_447_DSI
  DSO HISTORY_DSO
  USING(4907,4917)
  ALLOCATE DATA    ON SP224 SIZE 32444K;
CREATE DSI HISTORY_448_DSI
  DSO HISTORY_DSO
  USING(4918,4928)
  ALLOCATE DATA    ON SP224 SIZE 32444K;
CREATE DSI HISTORY_449_DSI
  DSO HISTORY_DSO
  USING(4929,4939)
  ALLOCATE DATA    ON SP225 SIZE 32444K;
CREATE DSI HISTORY_450_DSI
  DSO HISTORY_DSO
  USING(4940,4950)
  ALLOCATE DATA    ON SP225 SIZE 32444K;
CREATE DSI HISTORY_451_DSI
  DSO HISTORY_DSO
  USING(4951,4961)
  ALLOCATE DATA    ON SP226 SIZE 32444K;

```

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CREATE DSI HISTORY_453_DSI
  DSO HISTORY_DSO
  USING(4962,4972)
  ALLOCATE DATA ON SP226 SIZE 32444K;

CREATE DSI HISTORY_453_DSI
  DSO HISTORY_DSO
  USING(4973,4983)
  ALLOCATE DATA ON SP227 SIZE 32444K;

CREATE DSI HISTORY_454_DSI
  DSO HISTORY_DSO
  USING(4984,4994)
  ALLOCATE DATA ON SP227 SIZE 32444K;

CREATE DSI HISTORY_455_DSI
  DSO HISTORY_DSO
  USING(4995,5005)
  ALLOCATE DATA ON SP228 SIZE 32444K;

CREATE DSI HISTORY_456_DSI
  DSO HISTORY_DSO
  USING(5006,5016)
  ALLOCATE DATA ON SP228 SIZE 32444K;

CREATE DSI HISTORY_457_DSI
  DSO HISTORY_DSO
  USING(5017,5027)
  ALLOCATE DATA ON SP229 SIZE 32444K;

CREATE DSI HISTORY_458_DSI
  DSO HISTORY_DSO
  USING(5028,5038)
  ALLOCATE DATA ON SP229 SIZE 32444K;

CREATE DSI HISTORY_459_DSI
  DSO HISTORY_DSO
  USING(5039,5049)
  ALLOCATE DATA ON SP230 SIZE 32444K;

CREATE DSI HISTORY_460_DSI
  DSO HISTORY_DSO
  USING(5050,5060)
  ALLOCATE DATA ON SP230 SIZE 32444K;

CREATE DSI HISTORY_461_DSI
  DSO HISTORY_DSO
  USING(5061,5071)
  ALLOCATE DATA ON SP231 SIZE 32444K;

CREATE DSI HISTORY_462_DSI
  DSO HISTORY_DSO
  USING(5072,5082)
  ALLOCATE DATA ON SP231 SIZE 32444K;

CREATE DSI HISTORY_463_DSI
  DSO HISTORY_DSO
  USING(5083,5093)
  ALLOCATE DATA ON SP232 SIZE 32444K;

CREATE DSI HISTORY_464_DSI
  DSO HISTORY_DSO
  USING(5094,5104)
  ALLOCATE DATA ON SP232 SIZE 32444K;

CREATE DSI HISTORY_465_DSI
  DSO HISTORY_DSO
  USING(5105,5115)
  ALLOCATE DATA ON SP233 SIZE 32444K;

CREATE DSI HISTORY_466_DSI
  DSO HISTORY_DSO
  USING(5116,5126)
  ALLOCATE DATA ON SP233 SIZE 32444K;

CREATE DSI HISTORY_467_DSI
  DSO HISTORY_DSO
  USING(5127,5137)
  ALLOCATE DATA ON SP234 SIZE 32444K;

CREATE DSI HISTORY_468_DSI
  DSO HISTORY_DSO
  USING(5138,5148)
  ALLOCATE DATA ON SP234 SIZE 32444K;

CREATE DSI HISTORY_469_DSI
  DSO HISTORY_DSO
  USING(5149,5159)
  ALLOCATE DATA ON SP235 SIZE 32444K;

CREATE DSI HISTORY_470_DSI
  DSO HISTORY_DSO
  USING(5160,5170)
  ALLOCATE DATA ON SP235 SIZE 32444K;

CREATE DSI HISTORY_471_DSI
  DSO HISTORY_DSO
  USING(5171,5181)
  ALLOCATE DATA ON SP236 SIZE 32444K;

CREATE DSI HISTORY_472_DSI
  DSO HISTORY_DSO
  USING(5182,5192)
  ALLOCATE DATA ON SP236 SIZE 32444K;

CREATE DSI HISTORY_473_DSI
  DSO HISTORY_DSO
  USING(5193,5203)
  ALLOCATE DATA ON SP237 SIZE 32444K;

CREATE DSI HISTORY_474_DSI
  DSO HISTORY_DSO
  USING(5204,5214)
  ALLOCATE DATA ON SP237 SIZE 32444K;

CREATE DSI HISTORY_475_DSI
  DSO HISTORY_DSO
  USING(5215,5225)
  ALLOCATE DATA ON SP238 SIZE 32444K;

CREATE DSI HISTORY_476_DSI
  DSO HISTORY_DSO
  USING(5226,5236)
  ALLOCATE DATA ON SP238 SIZE 32444K;

```



```

CREATE DSI HISTORY_477_DSI
  DSO HISTORY_DSO
  USING(5237,5247)
  ALLOCATE DATA ON SP239 SIZE 32444K;

CREATE DSI HISTORY_478_DSI
  DSO HISTORY_DSO
  USING(5248,5258)
  ALLOCATE DATA ON SP239 SIZE 32444K;

CREATE DSI HISTORY_479_DSI
  DSO HISTORY_DSO
  USING(5259,5269)
  ALLOCATE DATA ON SP240 SIZE 32444K;

CREATE DSI HISTORY_480_DSI
  DSO HISTORY_DSO
  USING(5270,5280)
  ALLOCATE DATA ON SP240 SIZE 32444K;

CREATE DSI HISTORY_481_DSI
  DSO HISTORY_DSO
  USING(5281,5291)
  ALLOCATE DATA ON SP241 SIZE 32444K;

CREATE DSI HISTORY_482_DSI
  DSO HISTORY_DSO
  USING(5292,5302)
  ALLOCATE DATA ON SP241 SIZE 32444K;

CREATE DSI HISTORY_483_DSI
  DSO HISTORY_DSO
  USING(5303,5313)
  ALLOCATE DATA ON SP242 SIZE 32444K;

CREATE DSI HISTORY_484_DSI
  DSO HISTORY_DSO
  USING(5314,5324)
  ALLOCATE DATA ON SP242 SIZE 32444K;

CREATE DSI HISTORY_485_DSI
  DSO HISTORY_DSO
  USING(5325,5335)
  ALLOCATE DATA ON SP243 SIZE 32444K;

CREATE DSI HISTORY_486_DSI
  DSO HISTORY_DSO
  USING(5336,5346)
  ALLOCATE DATA ON SP243 SIZE 32444K;

CREATE DSI HISTORY_487_DSI
  DSO HISTORY_DSO
  USING(5347,5357)
  ALLOCATE DATA ON SP244 SIZE 32444K;

CREATE DSI HISTORY_488_DSI
  DSO HISTORY_DSO
  USING(5358,5368)
  ALLOCATE DATA ON SP244 SIZE 32444K;

CREATE DSI HISTORY_489_DSI
  DSO HISTORY_DSO
  USING(5369,5379)
  ALLOCATE DATA ON SP245 SIZE 32444K;

CREATE DSI HISTORY_490_DSI
  DSO HISTORY_DSO
  USING(5380,5390)
  ALLOCATE DATA ON SP245 SIZE 32444K;

CREATE DSI HISTORY_491_DSI
  DSO HISTORY_DSO
  USING(5391,5401)
  ALLOCATE DATA ON SP246 SIZE 32444K;

CREATE DSI HISTORY_492_DSI
  DSO HISTORY_DSO
  USING(5402,5412)
  ALLOCATE DATA ON SP246 SIZE 32444K;

CREATE DSI HISTORY_493_DSI
  DSO HISTORY_DSO
  USING(5413,5423)
  ALLOCATE DATA ON SP247 SIZE 32444K;

CREATE DSI HISTORY_494_DSI
  DSO HISTORY_DSO
  USING(5424,5434)
  ALLOCATE DATA ON SP247 SIZE 32444K;

CREATE DSI HISTORY_495_DSI
  DSO HISTORY_DSO
  USING(5435,5445)
  ALLOCATE DATA ON SP248 SIZE 32444K;

CREATE DSI HISTORY_496_DSI
  DSO HISTORY_DSO
  USING(5446,5456)
  ALLOCATE DATA ON SP248 SIZE 32444K;

CREATE DSI HISTORY_497_DSI
  DSO HISTORY_DSO
  USING(5457,5467)
  ALLOCATE DATA ON SP249 SIZE 32444K;

CREATE DSI HISTORY_498_DSI
  DSO HISTORY_DSO
  USING(5468,5478)
  ALLOCATE DATA ON SP249 SIZE 32444K;

CREATE DSI HISTORY_499_DSI
  DSO HISTORY_DSO
  USING(5479,5489)
  ALLOCATE DATA ON SP250 SIZE 32444K;

CREATE DSI HISTORY_500_DSI
  DSO HISTORY_DSO
  USING(5490,5500)
  ALLOCATE DATA ON SP250 SIZE 32444K;

CREATE DSI HISTORY_501_DSI
  DSO HISTORY_DSO
  USING(5501,5511)
  ALLOCATE DATA ON SP251 SIZE 32444K;

CREATE DSI HISTORY_502_DSI

```

```

DSO HISTORY_DSO
USING(5512,5522)
ALLOCATE DATA    ON SP251 SIZE 32444K;

CREATE DSI HISTORY_503_DSI
DSO HISTORY_DSO
USING(5523,5533)
ALLOCATE DATA    ON SP252 SIZE 32444K;

CREATE DSI HISTORY_504_DSI
DSO HISTORY_DSO
USING(5534,5544)
ALLOCATE DATA    ON SP252 SIZE 32444K;

CREATE DSI HISTORY_505_DSI
DSO HISTORY_DSO
USING(5545,5555)
ALLOCATE DATA    ON SP253 SIZE 32444K;

CREATE DSI HISTORY_506_DSI
DSO HISTORY_DSO
USING(5556,5566)
ALLOCATE DATA    ON SP253 SIZE 32444K;

CREATE DSI HISTORY_507_DSI
DSO HISTORY_DSO
USING(5567,5577)
ALLOCATE DATA    ON SP254 SIZE 32444K;

CREATE DSI HISTORY_508_DSI
DSO HISTORY_DSO
USING(5578,5588)
ALLOCATE DATA    ON SP254 SIZE 32444K;

CREATE DSI HISTORY_509_DSI
DSO HISTORY_DSO
USING(5589,5599)
ALLOCATE DATA    ON SP255 SIZE 32444K;

CREATE DSI HISTORY_510_DSI
DSO HISTORY_DSO
USING(5600,5610)
ALLOCATE DATA    ON SP255 SIZE 32444K;

CREATE DSI HISTORY_511_DSI
DSO HISTORY_DSO
USING(5611,5621)
ALLOCATE DATA    ON SP256 SIZE 32444K;

CREATE DSI HISTORY_512_DSI
DSO HISTORY_DSO
USING(5622,5632)
ALLOCATE DATA    ON SP256 SIZE 32444K;

CREATE DSI HISTORY_513_DSI
DSO HISTORY_DSO
USING(5633,5643)
ALLOCATE DATA    ON SP257 SIZE 32444K;

CREATE DSI HISTORY_514_DSI
DSO HISTORY_DSO
USING(5644,5654)
ALLOCATE DATA    ON SP257 SIZE 32444K;

CREATE DSI HISTORY_515_DSI
DSO HISTORY_DSO
USING(5655,5665)
ALLOCATE DATA    ON SP258 SIZE 32444K;

CREATE DSI HISTORY_516_DSI
DSO HISTORY_DSO
USING(5666,5676)
ALLOCATE DATA    ON SP258 SIZE 32444K;

CREATE DSI HISTORY_517_DSI
DSO HISTORY_DSO
USING(5677,5687)
ALLOCATE DATA    ON SP259 SIZE 32444K;

CREATE DSI HISTORY_518_DSI
DSO HISTORY_DSO
USING(5688,5698)
ALLOCATE DATA    ON SP259 SIZE 32444K;

CREATE DSI HISTORY_519_DSI
DSO HISTORY_DSO
USING(5699,5709)
ALLOCATE DATA    ON SP260 SIZE 32444K;

CREATE DSI HISTORY_520_DSI
DSO HISTORY_DSO
USING(5710,11440)
ALLOCATE DATA    ON SP260 SIZE 32444K;

-----
-- * Phase.2-9: Item
-----
CREATE DSO ITEM_DSO
FROM TPCC_SCHEMA.ITEM
TYPE
RANDOM(PAGESIZE1(1),PAGESIZE2(1),RULE((I_ID/7+(I_ID-
((I_ID/7)*7))*14286));

CREATE DSI ITEM_1_DSI
DSO ITEM_DSO
ALLOCATE PRIME    ONSP1 SIZE 1435K
                  SP2 SIZE 1428K
                  SP3 SIZE 1428K
                  SP4 SIZE 1428K
                  SP13 SIZE 1428K
                  SP14 SIZE 1428K
                  SP15 SIZE 1428K
                  SP16 SIZE 1428K
                  SP25 SIZE 1428K
                  SP26 SIZE 1428K,
OVERFLOW ONSP27 SIZE 716K;

-----
-- * Phase.2-6b: NewOrder-Index
-----
CREATE DSO NEWORDER_IX_DSO
INDEX ON
TPCC_SCHEMA.NEWORDER(NO_W_ID,NO_D_ID,NO_O_ID)
TYPE BTREE(PAGESIZE1(8),PAGESIZE2(32),DEGENERATE);

CREATE DSI NEWORDER_X_1_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_1_DSI
ALLOCATE INDEX ON SP1 SIZE 256K,
    BASE ON SP1 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_2_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_2_DSI
ALLOCATE INDEX ON SP1 SIZE 256K,
    BASE ON SP1 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_3_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_3_DSI
ALLOCATE INDEX ON SP2 SIZE 256K,
    BASE ON SP2 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_4_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_4_DSI
ALLOCATE INDEX ON SP2 SIZE 256K,
    BASE ON SP2 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_5_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_5_DSI
ALLOCATE INDEX ON SP3 SIZE 256K,
    BASE ON SP3 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_6_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_6_DSI
ALLOCATE INDEX ON SP3 SIZE 256K,
    BASE ON SP3 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_7_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_7_DSI
ALLOCATE INDEX ON SP4 SIZE 256K,
    BASE ON SP4 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_8_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_8_DSI
ALLOCATE INDEX ON SP4 SIZE 256K,
    BASE ON SP4 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_9_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_9_DSI
ALLOCATE INDEX ON SP5 SIZE 256K,
    BASE ON SP5 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_10_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_10_DSI
ALLOCATE INDEX ON SP5 SIZE 256K,
    BASE ON SP5 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_11_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_11_DSI
ALLOCATE INDEX ON SP6 SIZE 256K,
    BASE ON SP6 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_12_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_12_DSI
ALLOCATE INDEX ON SP6 SIZE 256K,
    BASE ON SP6 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_13_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_13_DSI
ALLOCATE INDEX ON SP7 SIZE 256K,
    BASE ON SP7 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_14_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_14_DSI
ALLOCATE INDEX ON SP7 SIZE 256K,
    BASE ON SP7 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_15_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_15_DSI
ALLOCATE INDEX ON SP8 SIZE 256K,
    BASE ON SP8 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_16_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_16_DSI
ALLOCATE INDEX ON SP8 SIZE 256K,
    BASE ON SP8 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_17_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_17_DSI
ALLOCATE INDEX ON SP9 SIZE 256K,
    BASE ON SP9 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_18_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_18_DSI
ALLOCATE INDEX ON SP9 SIZE 256K,
    BASE ON SP9 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_19_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_19_DSI
ALLOCATE INDEX ON SP10 SIZE 256K,
    BASE ON SP10 SIZE 5216K;

CREATE DSI NEWORDER_X_20_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_20_DSI
ALLOCATE INDEX ON SP10 SIZE 256K,
    BASE ON SP10 SIZE 5216K;

CREATE DSI NEWORDER_X_21_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_21_DSI
ALLOCATE INDEX ON SP11 SIZE 256K,
    BASE ON SP11 SIZE 5216K;

CREATE DSI NEWORDER_X_22_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_22_DSI
ALLOCATE INDEX ON SP11 SIZE 256K,
    BASE ON SP11 SIZE 5216K;

CREATE DSI NEWORDER_X_23_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_23_DSI
ALLOCATE INDEX ON SP12 SIZE 256K,
    BASE ON SP12 SIZE 5216K;

CREATE DSI NEWORDER_X_24_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_24_DSI
ALLOCATE INDEX ON SP12 SIZE 256K,
    BASE ON SP12 SIZE 5216K;

CREATE DSI NEWORDER_X_25_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_25_DSI
ALLOCATE INDEX ON SP13 SIZE 256K,
    BASE ON SP13 SIZE 5216K;

CREATE DSI NEWORDER_X_26_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_26_DSI
ALLOCATE INDEX ON SP13 SIZE 256K,
    BASE ON SP13 SIZE 5216K;

CREATE DSI NEWORDER_X_27_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_27_DSI
ALLOCATE INDEX ON SP14 SIZE 256K,
    BASE ON SP14 SIZE 5216K;

CREATE DSI NEWORDER_X_28_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_28_DSI
ALLOCATE INDEX ON SP14 SIZE 256K,
    BASE ON SP14 SIZE 5216K;

CREATE DSI NEWORDER_X_29_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_29_DSI
ALLOCATE INDEX ON SP15 SIZE 256K,
    BASE ON SP15 SIZE 5216K;

CREATE DSI NEWORDER_X_30_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_30_DSI
ALLOCATE INDEX ON SP15 SIZE 256K,
    BASE ON SP15 SIZE 5216K;

CREATE DSI NEWORDER_X_31_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_31_DSI
ALLOCATE INDEX ON SP16 SIZE 256K,
    BASE ON SP16 SIZE 5216K;

CREATE DSI NEWORDER_X_32_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_32_DSI
ALLOCATE INDEX ON SP16 SIZE 256K,
    BASE ON SP16 SIZE 5216K;

CREATE DSI NEWORDER_X_33_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_33_DSI
ALLOCATE INDEX ON SP17 SIZE 256K,
    BASE ON SP17 SIZE 5216K;

CREATE DSI NEWORDER_X_34_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_34_DSI
ALLOCATE INDEX ON SP17 SIZE 256K,
    BASE ON SP17 SIZE 5216K;

CREATE DSI NEWORDER_X_35_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_35_DSI
ALLOCATE INDEX ON SP18 SIZE 256K,
    BASE ON SP18 SIZE 5216K;

CREATE DSI NEWORDER_X_36_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_36_DSI
ALLOCATE INDEX ON SP18 SIZE 256K,
    BASE ON SP18 SIZE 5216K;

CREATE DSI NEWORDER_X_37_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_37_DSI
ALLOCATE INDEX ON SP19 SIZE 256K,
    BASE ON SP19 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_38_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_38_DSI
ALLOCATE INDEX ON SP19 SIZE 256K,
    BASE ON SP19 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_39_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_39_DSI
ALLOCATE INDEX ON SP20 SIZE 256K,
    BASE ON SP20 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_40_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_40_DSI
ALLOCATE INDEX ON SP20 SIZE 256K,
    BASE ON SP20 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_41_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_41_DSI
ALLOCATE INDEX ON SP21 SIZE 256K,
    BASE ON SP21 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_42_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_42_DSI
ALLOCATE INDEX ON SP21 SIZE 256K,
    BASE ON SP21 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_43_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_43_DSI
ALLOCATE INDEX ON SP22 SIZE 256K,
    BASE ON SP22 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_44_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_44_DSI
ALLOCATE INDEX ON SP22 SIZE 256K,
    BASE ON SP22 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_45_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_45_DSI
ALLOCATE INDEX ON SP23 SIZE 256K,
    BASE ON SP23 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_46_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_46_DSI
ALLOCATE INDEX ON SP23 SIZE 256K,
    BASE ON SP23 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_47_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_47_DSI
ALLOCATE INDEX ON SP24 SIZE 256K,
    BASE ON SP24 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_48_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_48_DSI
ALLOCATE INDEX ON SP24 SIZE 256K,
    BASE ON SP24 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_49_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_49_DSI
ALLOCATE INDEX ON SP25 SIZE 256K,
    BASE ON SP25 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_50_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_50_DSI
ALLOCATE INDEX ON SP25 SIZE 256K,
    BASE ON SP25 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_51_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_51_DSI
ALLOCATE INDEX ON SP26 SIZE 256K,
    BASE ON SP26 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_52_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_52_DSI
ALLOCATE INDEX ON SP26 SIZE 256K,
    BASE ON SP26 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_53_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_53_DSI
ALLOCATE INDEX ON SP27 SIZE 256K,
    BASE ON SP27 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_54_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_54_DSI
ALLOCATE INDEX ON SP27 SIZE 256K,
    BASE ON SP27 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_55_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_55_DSI
ALLOCATE INDEX ON SP28 SIZE 256K,
BASE ON SP28 SIZE 5216K;

CREATE DSI NEWORDER_X_56_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_56_DSI
ALLOCATE INDEX ON SP28 SIZE 256K,
BASE ON SP28 SIZE 5216K;

CREATE DSI NEWORDER_X_57_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_57_DSI
ALLOCATE INDEX ON SP29 SIZE 256K,
BASE ON SP29 SIZE 5216K;

CREATE DSI NEWORDER_X_58_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_58_DSI
ALLOCATE INDEX ON SP29 SIZE 256K,
BASE ON SP29 SIZE 5216K;

CREATE DSI NEWORDER_X_59_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_59_DSI
ALLOCATE INDEX ON SP30 SIZE 256K,
BASE ON SP30 SIZE 5216K;

CREATE DSI NEWORDER_X_60_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_60_DSI
ALLOCATE INDEX ON SP30 SIZE 256K,
BASE ON SP30 SIZE 5216K;

CREATE DSI NEWORDER_X_61_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_61_DSI
ALLOCATE INDEX ON SP31 SIZE 256K,
BASE ON SP31 SIZE 5216K;

CREATE DSI NEWORDER_X_62_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_62_DSI
ALLOCATE INDEX ON SP31 SIZE 256K,
BASE ON SP31 SIZE 5216K;

CREATE DSI NEWORDER_X_63_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_63_DSI
ALLOCATE INDEX ON SP32 SIZE 256K,
BASE ON SP32 SIZE 5216K;

CREATE DSI NEWORDER_X_64_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_64_DSI
ALLOCATE INDEX ON SP32 SIZE 256K,
BASE ON SP32 SIZE 5216K;

CREATE DSI NEWORDER_X_65_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_65_DSI
ALLOCATE INDEX ON SP33 SIZE 256K,
BASE ON SP33 SIZE 5216K;

CREATE DSI NEWORDER_X_66_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_66_DSI
ALLOCATE INDEX ON SP33 SIZE 256K,
BASE ON SP33 SIZE 5216K;

CREATE DSI NEWORDER_X_67_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_67_DSI
ALLOCATE INDEX ON SP34 SIZE 256K,
BASE ON SP34 SIZE 5216K;

CREATE DSI NEWORDER_X_68_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_68_DSI
ALLOCATE INDEX ON SP34 SIZE 256K,
BASE ON SP34 SIZE 5216K;

CREATE DSI NEWORDER_X_69_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_69_DSI
ALLOCATE INDEX ON SP35 SIZE 256K,
BASE ON SP35 SIZE 5216K;

CREATE DSI NEWORDER_X_70_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_70_DSI
ALLOCATE INDEX ON SP35 SIZE 256K,
BASE ON SP35 SIZE 5216K;

CREATE DSI NEWORDER_X_71_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_71_DSI
ALLOCATE INDEX ON SP36 SIZE 256K,
BASE ON SP36 SIZE 5216K;

CREATE DSI NEWORDER_X_72_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_72_DSI
ALLOCATE INDEX ON SP36 SIZE 256K,
BASE ON SP36 SIZE 5216K;

CREATE DSI NEWORDER_X_73_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_73_DSI
ALLOCATE INDEX ON SP37 SIZE 256K,
    BASE ON SP37 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_74_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_74_DSI
ALLOCATE INDEX ON SP37 SIZE 256K,
    BASE ON SP37 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_75_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_75_DSI
ALLOCATE INDEX ON SP38 SIZE 256K,
    BASE ON SP38 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_76_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_76_DSI
ALLOCATE INDEX ON SP38 SIZE 256K,
    BASE ON SP38 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_77_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_77_DSI
ALLOCATE INDEX ON SP39 SIZE 256K,
    BASE ON SP39 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_78_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_78_DSI
ALLOCATE INDEX ON SP39 SIZE 256K,
    BASE ON SP39 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_79_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_79_DSI
ALLOCATE INDEX ON SP40 SIZE 256K,
    BASE ON SP40 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_80_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_80_DSI
ALLOCATE INDEX ON SP40 SIZE 256K,
    BASE ON SP40 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_81_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_81_DSI
ALLOCATE INDEX ON SP41 SIZE 256K,
    BASE ON SP41 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_82_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_82_DSI
ALLOCATE INDEX ON SP41 SIZE 256K,
    BASE ON SP41 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_83_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_83_DSI
ALLOCATE INDEX ON SP42 SIZE 256K,
    BASE ON SP42 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_84_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_84_DSI
ALLOCATE INDEX ON SP42 SIZE 256K,
    BASE ON SP42 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_85_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_85_DSI
ALLOCATE INDEX ON SP43 SIZE 256K,
    BASE ON SP43 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_86_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_86_DSI
ALLOCATE INDEX ON SP43 SIZE 256K,
    BASE ON SP43 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_87_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_87_DSI
ALLOCATE INDEX ON SP44 SIZE 256K,
    BASE ON SP44 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_88_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_88_DSI
ALLOCATE INDEX ON SP44 SIZE 256K,
    BASE ON SP44 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_89_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_89_DSI
ALLOCATE INDEX ON SP45 SIZE 256K,
    BASE ON SP45 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_90_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_90_DSI
ALLOCATE INDEX ON SP45 SIZE 256K,
    BASE ON SP45 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_91_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_91_DSI
ALLOCATE INDEX ON SP46 SIZE 256K,
    BASE ON SP46 SIZE 5216K;

CREATE DSI NEWORDER_X_92_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_92_DSI
ALLOCATE INDEX ON SP46 SIZE 256K,
    BASE ON SP46 SIZE 5216K;

CREATE DSI NEWORDER_X_93_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_93_DSI
ALLOCATE INDEX ON SP47 SIZE 256K,
    BASE ON SP47 SIZE 5216K;

CREATE DSI NEWORDER_X_94_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_94_DSI
ALLOCATE INDEX ON SP47 SIZE 256K,
    BASE ON SP47 SIZE 5216K;

CREATE DSI NEWORDER_X_95_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_95_DSI
ALLOCATE INDEX ON SP48 SIZE 256K,
    BASE ON SP48 SIZE 5216K;

CREATE DSI NEWORDER_X_96_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_96_DSI
ALLOCATE INDEX ON SP48 SIZE 256K,
    BASE ON SP48 SIZE 5216K;

CREATE DSI NEWORDER_X_97_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_97_DSI
ALLOCATE INDEX ON SP49 SIZE 256K,
    BASE ON SP49 SIZE 5216K;

CREATE DSI NEWORDER_X_98_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_98_DSI
ALLOCATE INDEX ON SP49 SIZE 256K,
    BASE ON SP49 SIZE 5216K;

CREATE DSI NEWORDER_X_99_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_99_DSI
ALLOCATE INDEX ON SP50 SIZE 256K,
    BASE ON SP50 SIZE 5216K;

CREATE DSI NEWORDER_X_100_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_100_DSI
ALLOCATE INDEX ON SP50 SIZE 256K,
    BASE ON SP50 SIZE 5216K;

CREATE DSI NEWORDER_X_101_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_101_DSI
ALLOCATE INDEX ON SP51 SIZE 256K,
    BASE ON SP51 SIZE 5216K;

CREATE DSI NEWORDER_X_102_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_102_DSI
ALLOCATE INDEX ON SP51 SIZE 256K,
    BASE ON SP51 SIZE 5216K;

CREATE DSI NEWORDER_X_103_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_103_DSI
ALLOCATE INDEX ON SP52 SIZE 256K,
    BASE ON SP52 SIZE 5216K;

CREATE DSI NEWORDER_X_104_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_104_DSI
ALLOCATE INDEX ON SP52 SIZE 256K,
    BASE ON SP52 SIZE 5216K;

CREATE DSI NEWORDER_X_105_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_105_DSI
ALLOCATE INDEX ON SP53 SIZE 256K,
    BASE ON SP53 SIZE 5216K;

CREATE DSI NEWORDER_X_106_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_106_DSI
ALLOCATE INDEX ON SP53 SIZE 256K,
    BASE ON SP53 SIZE 5216K;

CREATE DSI NEWORDER_X_107_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_107_DSI
ALLOCATE INDEX ON SP54 SIZE 256K,
    BASE ON SP54 SIZE 5216K;

CREATE DSI NEWORDER_X_108_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_108_DSI
ALLOCATE INDEX ON SP54 SIZE 256K,
    BASE ON SP54 SIZE 5216K;

CREATE DSI NEWORDER_X_109_DSI
```



```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_109_DSI
ALLOCATE INDEX ON SP55 SIZE 256K,
    BASE ON SP55 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_110_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_110_DSI
ALLOCATE INDEX ON SP55 SIZE 256K,
    BASE ON SP55 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_111_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_111_DSI
ALLOCATE INDEX ON SP56 SIZE 256K,
    BASE ON SP56 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_112_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_112_DSI
ALLOCATE INDEX ON SP56 SIZE 256K,
    BASE ON SP56 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_113_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_113_DSI
ALLOCATE INDEX ON SP57 SIZE 256K,
    BASE ON SP57 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_114_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_114_DSI
ALLOCATE INDEX ON SP57 SIZE 256K,
    BASE ON SP57 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_115_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_115_DSI
ALLOCATE INDEX ON SP58 SIZE 256K,
    BASE ON SP58 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_116_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_116_DSI
ALLOCATE INDEX ON SP58 SIZE 256K,
    BASE ON SP58 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_117_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_117_DSI
ALLOCATE INDEX ON SP59 SIZE 256K,
    BASE ON SP59 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_118_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_118_DSI
ALLOCATE INDEX ON SP59 SIZE 256K,
    BASE ON SP59 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_119_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_119_DSI
ALLOCATE INDEX ON SP60 SIZE 256K,
    BASE ON SP60 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_120_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_120_DSI
ALLOCATE INDEX ON SP60 SIZE 256K,
    BASE ON SP60 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_121_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_121_DSI
ALLOCATE INDEX ON SP61 SIZE 256K,
    BASE ON SP61 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_122_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_122_DSI
ALLOCATE INDEX ON SP61 SIZE 256K,
    BASE ON SP61 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_123_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_123_DSI
ALLOCATE INDEX ON SP62 SIZE 256K,
    BASE ON SP62 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_124_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_124_DSI
ALLOCATE INDEX ON SP62 SIZE 256K,
    BASE ON SP62 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_125_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_125_DSI
ALLOCATE INDEX ON SP63 SIZE 256K,
    BASE ON SP63 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_126_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_126_DSI
ALLOCATE INDEX ON SP63 SIZE 256K,
    BASE ON SP63 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_127_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_127_DSI
ALLOCATE INDEX ON SP64 SIZE 256K,
BASE ON SP64 SIZE 5216K;

CREATE DSI NEWORDER_X_128_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_128_DSI
ALLOCATE INDEX ON SP64 SIZE 256K,
BASE ON SP64 SIZE 5216K;

CREATE DSI NEWORDER_X_129_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_129_DSI
ALLOCATE INDEX ON SP65 SIZE 256K,
BASE ON SP65 SIZE 5216K;

CREATE DSI NEWORDER_X_130_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_130_DSI
ALLOCATE INDEX ON SP65 SIZE 256K,
BASE ON SP65 SIZE 5216K;

CREATE DSI NEWORDER_X_131_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_131_DSI
ALLOCATE INDEX ON SP66 SIZE 256K,
BASE ON SP66 SIZE 5216K;

CREATE DSI NEWORDER_X_132_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_132_DSI
ALLOCATE INDEX ON SP66 SIZE 256K,
BASE ON SP66 SIZE 5216K;

CREATE DSI NEWORDER_X_133_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_133_DSI
ALLOCATE INDEX ON SP67 SIZE 256K,
BASE ON SP67 SIZE 5216K;

CREATE DSI NEWORDER_X_134_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_134_DSI
ALLOCATE INDEX ON SP67 SIZE 256K,
BASE ON SP67 SIZE 5216K;

CREATE DSI NEWORDER_X_135_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_135_DSI
ALLOCATE INDEX ON SP68 SIZE 256K,
BASE ON SP68 SIZE 5216K;

CREATE DSI NEWORDER_X_136_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_136_DSI
ALLOCATE INDEX ON SP68 SIZE 256K,
BASE ON SP68 SIZE 5216K;

CREATE DSI NEWORDER_X_137_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_137_DSI
ALLOCATE INDEX ON SP69 SIZE 256K,
BASE ON SP69 SIZE 5216K;

CREATE DSI NEWORDER_X_138_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_138_DSI
ALLOCATE INDEX ON SP69 SIZE 256K,
BASE ON SP69 SIZE 5216K;

CREATE DSI NEWORDER_X_139_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_139_DSI
ALLOCATE INDEX ON SP70 SIZE 256K,
BASE ON SP70 SIZE 5216K;

CREATE DSI NEWORDER_X_140_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_140_DSI
ALLOCATE INDEX ON SP70 SIZE 256K,
BASE ON SP70 SIZE 5216K;

CREATE DSI NEWORDER_X_141_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_141_DSI
ALLOCATE INDEX ON SP71 SIZE 256K,
BASE ON SP71 SIZE 5216K;

CREATE DSI NEWORDER_X_142_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_142_DSI
ALLOCATE INDEX ON SP71 SIZE 256K,
BASE ON SP71 SIZE 5216K;

CREATE DSI NEWORDER_X_143_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_143_DSI
ALLOCATE INDEX ON SP72 SIZE 256K,
BASE ON SP72 SIZE 5216K;

CREATE DSI NEWORDER_X_144_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_144_DSI
ALLOCATE INDEX ON SP72 SIZE 256K,
BASE ON SP72 SIZE 5216K;

CREATE DSI NEWORDER_X_145_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_145_DSI
ALLOCATE INDEX ON SP73 SIZE 256K,
    BASE ON SP73 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_146_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_146_DSI
ALLOCATE INDEX ON SP73 SIZE 256K,
    BASE ON SP73 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_147_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_147_DSI
ALLOCATE INDEX ON SP74 SIZE 256K,
    BASE ON SP74 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_148_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_148_DSI
ALLOCATE INDEX ON SP74 SIZE 256K,
    BASE ON SP74 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_149_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_149_DSI
ALLOCATE INDEX ON SP75 SIZE 256K,
    BASE ON SP75 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_150_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_150_DSI
ALLOCATE INDEX ON SP75 SIZE 256K,
    BASE ON SP75 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_151_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_151_DSI
ALLOCATE INDEX ON SP76 SIZE 256K,
    BASE ON SP76 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_152_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_152_DSI
ALLOCATE INDEX ON SP76 SIZE 256K,
    BASE ON SP76 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_153_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_153_DSI
ALLOCATE INDEX ON SP77 SIZE 256K,
    BASE ON SP77 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_154_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_154_DSI
ALLOCATE INDEX ON SP77 SIZE 256K,
    BASE ON SP77 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_155_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_155_DSI
ALLOCATE INDEX ON SP78 SIZE 256K,
    BASE ON SP78 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_156_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_156_DSI
ALLOCATE INDEX ON SP78 SIZE 256K,
    BASE ON SP78 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_157_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_157_DSI
ALLOCATE INDEX ON SP79 SIZE 256K,
    BASE ON SP79 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_158_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_158_DSI
ALLOCATE INDEX ON SP79 SIZE 256K,
    BASE ON SP79 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_159_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_159_DSI
ALLOCATE INDEX ON SP80 SIZE 256K,
    BASE ON SP80 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_160_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_160_DSI
ALLOCATE INDEX ON SP80 SIZE 256K,
    BASE ON SP80 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_161_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_161_DSI
ALLOCATE INDEX ON SP81 SIZE 256K,
    BASE ON SP81 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_162_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_162_DSI
ALLOCATE INDEX ON SP81 SIZE 256K,
    BASE ON SP81 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_163_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_163_DSI
ALLOCATE INDEX ON SP82 SIZE 256K,
BASE ON SP82 SIZE 5216K;

CREATE DSI NEWORDER_X_164_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_164_DSI
ALLOCATE INDEX ON SP82 SIZE 256K,
BASE ON SP82 SIZE 5216K;

CREATE DSI NEWORDER_X_165_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_165_DSI
ALLOCATE INDEX ON SP83 SIZE 256K,
BASE ON SP83 SIZE 5216K;

CREATE DSI NEWORDER_X_166_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_166_DSI
ALLOCATE INDEX ON SP83 SIZE 256K,
BASE ON SP83 SIZE 5216K;

CREATE DSI NEWORDER_X_167_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_167_DSI
ALLOCATE INDEX ON SP84 SIZE 256K,
BASE ON SP84 SIZE 5216K;

CREATE DSI NEWORDER_X_168_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_168_DSI
ALLOCATE INDEX ON SP84 SIZE 256K,
BASE ON SP84 SIZE 5216K;

CREATE DSI NEWORDER_X_169_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_169_DSI
ALLOCATE INDEX ON SP85 SIZE 256K,
BASE ON SP85 SIZE 5216K;

CREATE DSI NEWORDER_X_170_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_170_DSI
ALLOCATE INDEX ON SP85 SIZE 256K,
BASE ON SP85 SIZE 5216K;

CREATE DSI NEWORDER_X_171_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_171_DSI
ALLOCATE INDEX ON SP86 SIZE 256K,
BASE ON SP86 SIZE 5216K;

CREATE DSI NEWORDER_X_172_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_172_DSI
ALLOCATE INDEX ON SP86 SIZE 256K,
BASE ON SP86 SIZE 5216K;

CREATE DSI NEWORDER_X_173_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_173_DSI
ALLOCATE INDEX ON SP87 SIZE 256K,
BASE ON SP87 SIZE 5216K;

CREATE DSI NEWORDER_X_174_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_174_DSI
ALLOCATE INDEX ON SP87 SIZE 256K,
BASE ON SP87 SIZE 5216K;

CREATE DSI NEWORDER_X_175_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_175_DSI
ALLOCATE INDEX ON SP88 SIZE 256K,
BASE ON SP88 SIZE 5216K;

CREATE DSI NEWORDER_X_176_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_176_DSI
ALLOCATE INDEX ON SP88 SIZE 256K,
BASE ON SP88 SIZE 5216K;

CREATE DSI NEWORDER_X_177_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_177_DSI
ALLOCATE INDEX ON SP89 SIZE 256K,
BASE ON SP89 SIZE 5216K;

CREATE DSI NEWORDER_X_178_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_178_DSI
ALLOCATE INDEX ON SP89 SIZE 256K,
BASE ON SP89 SIZE 5216K;

CREATE DSI NEWORDER_X_179_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_179_DSI
ALLOCATE INDEX ON SP90 SIZE 256K,
BASE ON SP90 SIZE 5216K;

CREATE DSI NEWORDER_X_180_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_180_DSI
ALLOCATE INDEX ON SP90 SIZE 256K,
BASE ON SP90 SIZE 5216K;

CREATE DSI NEWORDER_X_181_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_181_DSI
ALLOCATE INDEX ON SP91 SIZE 256K,
    BASE ON SP91 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_182_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_182_DSI
ALLOCATE INDEX ON SP91 SIZE 256K,
    BASE ON SP91 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_183_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_183_DSI
ALLOCATE INDEX ON SP92 SIZE 256K,
    BASE ON SP92 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_184_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_184_DSI
ALLOCATE INDEX ON SP92 SIZE 256K,
    BASE ON SP92 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_185_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_185_DSI
ALLOCATE INDEX ON SP93 SIZE 256K,
    BASE ON SP93 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_186_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_186_DSI
ALLOCATE INDEX ON SP93 SIZE 256K,
    BASE ON SP93 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_187_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_187_DSI
ALLOCATE INDEX ON SP94 SIZE 256K,
    BASE ON SP94 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_188_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_188_DSI
ALLOCATE INDEX ON SP94 SIZE 256K,
    BASE ON SP94 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_189_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_189_DSI
ALLOCATE INDEX ON SP95 SIZE 256K,
    BASE ON SP95 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_190_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_190_DSI
ALLOCATE INDEX ON SP95 SIZE 256K,
    BASE ON SP95 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_191_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_191_DSI
ALLOCATE INDEX ON SP96 SIZE 256K,
    BASE ON SP96 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_192_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_192_DSI
ALLOCATE INDEX ON SP96 SIZE 256K,
    BASE ON SP96 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_193_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_193_DSI
ALLOCATE INDEX ON SP97 SIZE 256K,
    BASE ON SP97 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_194_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_194_DSI
ALLOCATE INDEX ON SP97 SIZE 256K,
    BASE ON SP97 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_195_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_195_DSI
ALLOCATE INDEX ON SP98 SIZE 256K,
    BASE ON SP98 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_196_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_196_DSI
ALLOCATE INDEX ON SP98 SIZE 256K,
    BASE ON SP98 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_197_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_197_DSI
ALLOCATE INDEX ON SP99 SIZE 256K,
    BASE ON SP99 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_198_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_198_DSI
ALLOCATE INDEX ON SP99 SIZE 256K,
    BASE ON SP99 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_199_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_199_DSI
ALLOCATE INDEX ON SP100 SIZE 256K,
    BASE ON SP100 SIZE 5216K;

CREATE DSI NEWORDER_X_200_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_200_DSI
ALLOCATE INDEX ON SP100 SIZE 256K,
    BASE ON SP100 SIZE 5216K;

CREATE DSI NEWORDER_X_201_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_201_DSI
ALLOCATE INDEX ON SP101 SIZE 256K,
    BASE ON SP101 SIZE 5216K;

CREATE DSI NEWORDER_X_202_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_202_DSI
ALLOCATE INDEX ON SP101 SIZE 256K,
    BASE ON SP101 SIZE 5216K;

CREATE DSI NEWORDER_X_203_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_203_DSI
ALLOCATE INDEX ON SP102 SIZE 256K,
    BASE ON SP102 SIZE 5216K;

CREATE DSI NEWORDER_X_204_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_204_DSI
ALLOCATE INDEX ON SP102 SIZE 256K,
    BASE ON SP102 SIZE 5216K;

CREATE DSI NEWORDER_X_205_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_205_DSI
ALLOCATE INDEX ON SP103 SIZE 256K,
    BASE ON SP103 SIZE 5216K;

CREATE DSI NEWORDER_X_206_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_206_DSI
ALLOCATE INDEX ON SP103 SIZE 256K,
    BASE ON SP103 SIZE 5216K;

CREATE DSI NEWORDER_X_207_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_207_DSI
ALLOCATE INDEX ON SP104 SIZE 256K,
    BASE ON SP104 SIZE 5216K;

CREATE DSI NEWORDER_X_208_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_208_DSI
ALLOCATE INDEX ON SP104 SIZE 256K,
    BASE ON SP104 SIZE 5216K;

CREATE DSI NEWORDER_X_209_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_209_DSI
ALLOCATE INDEX ON SP105 SIZE 256K,
    BASE ON SP105 SIZE 5216K;

CREATE DSI NEWORDER_X_210_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_210_DSI
ALLOCATE INDEX ON SP105 SIZE 256K,
    BASE ON SP105 SIZE 5216K;

CREATE DSI NEWORDER_X_211_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_211_DSI
ALLOCATE INDEX ON SP106 SIZE 256K,
    BASE ON SP106 SIZE 5216K;

CREATE DSI NEWORDER_X_212_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_212_DSI
ALLOCATE INDEX ON SP106 SIZE 256K,
    BASE ON SP106 SIZE 5216K;

CREATE DSI NEWORDER_X_213_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_213_DSI
ALLOCATE INDEX ON SP107 SIZE 256K,
    BASE ON SP107 SIZE 5216K;

CREATE DSI NEWORDER_X_214_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_214_DSI
ALLOCATE INDEX ON SP107 SIZE 256K,
    BASE ON SP107 SIZE 5216K;

CREATE DSI NEWORDER_X_215_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_215_DSI
ALLOCATE INDEX ON SP108 SIZE 256K,
    BASE ON SP108 SIZE 5216K;

CREATE DSI NEWORDER_X_216_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_216_DSI
ALLOCATE INDEX ON SP108 SIZE 256K,
    BASE ON SP108 SIZE 5216K;

CREATE DSI NEWORDER_X_217_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_217_DSI
ALLOCATE INDEX ON SP109 SIZE 256K,
    BASE ON SP109 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_218_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_218_DSI
ALLOCATE INDEX ON SP109 SIZE 256K,
    BASE ON SP109 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_219_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_219_DSI
ALLOCATE INDEX ON SP110 SIZE 256K,
    BASE ON SP110 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_220_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_220_DSI
ALLOCATE INDEX ON SP110 SIZE 256K,
    BASE ON SP110 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_221_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_221_DSI
ALLOCATE INDEX ON SP111 SIZE 256K,
    BASE ON SP111 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_222_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_222_DSI
ALLOCATE INDEX ON SP111 SIZE 256K,
    BASE ON SP111 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_223_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_223_DSI
ALLOCATE INDEX ON SP112 SIZE 256K,
    BASE ON SP112 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_224_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_224_DSI
ALLOCATE INDEX ON SP112 SIZE 256K,
    BASE ON SP112 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_225_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_225_DSI
ALLOCATE INDEX ON SP113 SIZE 256K,
    BASE ON SP113 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_226_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_226_DSI
ALLOCATE INDEX ON SP113 SIZE 256K,
    BASE ON SP113 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_227_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_227_DSI
ALLOCATE INDEX ON SP114 SIZE 256K,
    BASE ON SP114 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_228_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_228_DSI
ALLOCATE INDEX ON SP114 SIZE 256K,
    BASE ON SP114 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_229_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_229_DSI
ALLOCATE INDEX ON SP115 SIZE 256K,
    BASE ON SP115 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_230_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_230_DSI
ALLOCATE INDEX ON SP115 SIZE 256K,
    BASE ON SP115 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_231_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_231_DSI
ALLOCATE INDEX ON SP116 SIZE 256K,
    BASE ON SP116 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_232_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_232_DSI
ALLOCATE INDEX ON SP116 SIZE 256K,
    BASE ON SP116 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_233_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_233_DSI
ALLOCATE INDEX ON SP117 SIZE 256K,
    BASE ON SP117 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_234_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_234_DSI
ALLOCATE INDEX ON SP117 SIZE 256K,
    BASE ON SP117 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_235_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_235_DSI
ALLOCATE INDEX ON SP118 SIZE 256K,
BASE ON SP118 SIZE 5216K;

CREATE DSI NEWORDER_X_236_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_236_DSI
ALLOCATE INDEX ON SP118 SIZE 256K,
BASE ON SP118 SIZE 5216K;

CREATE DSI NEWORDER_X_237_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_237_DSI
ALLOCATE INDEX ON SP119 SIZE 256K,
BASE ON SP119 SIZE 5216K;

CREATE DSI NEWORDER_X_238_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_238_DSI
ALLOCATE INDEX ON SP119 SIZE 256K,
BASE ON SP119 SIZE 5216K;

CREATE DSI NEWORDER_X_239_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_239_DSI
ALLOCATE INDEX ON SP120 SIZE 256K,
BASE ON SP120 SIZE 5216K;

CREATE DSI NEWORDER_X_240_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_240_DSI
ALLOCATE INDEX ON SP120 SIZE 256K,
BASE ON SP120 SIZE 5216K;

CREATE DSI NEWORDER_X_241_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_241_DSI
ALLOCATE INDEX ON SP121 SIZE 256K,
BASE ON SP121 SIZE 5216K;

CREATE DSI NEWORDER_X_242_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_242_DSI
ALLOCATE INDEX ON SP121 SIZE 256K,
BASE ON SP121 SIZE 5216K;

CREATE DSI NEWORDER_X_243_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_243_DSI
ALLOCATE INDEX ON SP122 SIZE 256K,
BASE ON SP122 SIZE 5216K;

CREATE DSI NEWORDER_X_244_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_244_DSI
ALLOCATE INDEX ON SP122 SIZE 256K,
BASE ON SP122 SIZE 5216K;

CREATE DSI NEWORDER_X_245_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_245_DSI
ALLOCATE INDEX ON SP123 SIZE 256K,
BASE ON SP123 SIZE 5216K;

CREATE DSI NEWORDER_X_246_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_246_DSI
ALLOCATE INDEX ON SP123 SIZE 256K,
BASE ON SP123 SIZE 5216K;

CREATE DSI NEWORDER_X_247_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_247_DSI
ALLOCATE INDEX ON SP124 SIZE 256K,
BASE ON SP124 SIZE 5216K;

CREATE DSI NEWORDER_X_248_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_248_DSI
ALLOCATE INDEX ON SP124 SIZE 256K,
BASE ON SP124 SIZE 5216K;

CREATE DSI NEWORDER_X_249_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_249_DSI
ALLOCATE INDEX ON SP125 SIZE 256K,
BASE ON SP125 SIZE 5216K;

CREATE DSI NEWORDER_X_250_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_250_DSI
ALLOCATE INDEX ON SP125 SIZE 256K,
BASE ON SP125 SIZE 5216K;

CREATE DSI NEWORDER_X_251_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_251_DSI
ALLOCATE INDEX ON SP126 SIZE 256K,
BASE ON SP126 SIZE 5216K;

CREATE DSI NEWORDER_X_252_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_252_DSI
ALLOCATE INDEX ON SP126 SIZE 256K,
BASE ON SP126 SIZE 5216K;

CREATE DSI NEWORDER_X_253_DSI
```



```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_253_DSI
ALLOCATE INDEX ON SP127 SIZE 256K,
    BASE ON SP127 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_254_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_254_DSI
ALLOCATE INDEX ON SP127 SIZE 256K,
    BASE ON SP127 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_255_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_255_DSI
ALLOCATE INDEX ON SP128 SIZE 256K,
    BASE ON SP128 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_256_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_256_DSI
ALLOCATE INDEX ON SP128 SIZE 256K,
    BASE ON SP128 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_257_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_257_DSI
ALLOCATE INDEX ON SP129 SIZE 256K,
    BASE ON SP129 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_258_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_258_DSI
ALLOCATE INDEX ON SP129 SIZE 256K,
    BASE ON SP129 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_259_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_259_DSI
ALLOCATE INDEX ON SP130 SIZE 256K,
    BASE ON SP130 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_260_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_260_DSI
ALLOCATE INDEX ON SP130 SIZE 256K,
    BASE ON SP130 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_261_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_261_DSI
ALLOCATE INDEX ON SP131 SIZE 256K,
    BASE ON SP131 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_262_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_262_DSI
ALLOCATE INDEX ON SP131 SIZE 256K,
    BASE ON SP131 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_263_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_263_DSI
ALLOCATE INDEX ON SP132 SIZE 256K,
    BASE ON SP132 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_264_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_264_DSI
ALLOCATE INDEX ON SP132 SIZE 256K,
    BASE ON SP132 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_265_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_265_DSI
ALLOCATE INDEX ON SP133 SIZE 256K,
    BASE ON SP133 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_266_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_266_DSI
ALLOCATE INDEX ON SP133 SIZE 256K,
    BASE ON SP133 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_267_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_267_DSI
ALLOCATE INDEX ON SP134 SIZE 256K,
    BASE ON SP134 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_268_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_268_DSI
ALLOCATE INDEX ON SP134 SIZE 256K,
    BASE ON SP134 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_269_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_269_DSI
ALLOCATE INDEX ON SP135 SIZE 256K,
    BASE ON SP135 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_270_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_270_DSI
ALLOCATE INDEX ON SP135 SIZE 256K,
    BASE ON SP135 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_271_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_271_DSI
ALLOCATE INDEX ON SP136 SIZE 256K,
    BASE ON SP136 SIZE 5216K;

CREATE DSI NEWORDER_X_272_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_272_DSI
ALLOCATE INDEX ON SP136 SIZE 256K,
    BASE ON SP136 SIZE 5216K;

CREATE DSI NEWORDER_X_273_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_273_DSI
ALLOCATE INDEX ON SP137 SIZE 256K,
    BASE ON SP137 SIZE 5216K;

CREATE DSI NEWORDER_X_274_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_274_DSI
ALLOCATE INDEX ON SP137 SIZE 256K,
    BASE ON SP137 SIZE 5216K;

CREATE DSI NEWORDER_X_275_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_275_DSI
ALLOCATE INDEX ON SP138 SIZE 256K,
    BASE ON SP138 SIZE 5216K;

CREATE DSI NEWORDER_X_276_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_276_DSI
ALLOCATE INDEX ON SP138 SIZE 256K,
    BASE ON SP138 SIZE 5216K;

CREATE DSI NEWORDER_X_277_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_277_DSI
ALLOCATE INDEX ON SP139 SIZE 256K,
    BASE ON SP139 SIZE 5216K;

CREATE DSI NEWORDER_X_278_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_278_DSI
ALLOCATE INDEX ON SP139 SIZE 256K,
    BASE ON SP139 SIZE 5216K;

CREATE DSI NEWORDER_X_279_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_279_DSI
ALLOCATE INDEX ON SP140 SIZE 256K,
    BASE ON SP140 SIZE 5216K;

CREATE DSI NEWORDER_X_280_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_280_DSI
ALLOCATE INDEX ON SP140 SIZE 256K,
    BASE ON SP140 SIZE 5216K;

CREATE DSI NEWORDER_X_281_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_281_DSI
ALLOCATE INDEX ON SP141 SIZE 256K,
    BASE ON SP141 SIZE 5216K;

CREATE DSI NEWORDER_X_282_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_282_DSI
ALLOCATE INDEX ON SP141 SIZE 256K,
    BASE ON SP141 SIZE 5216K;

CREATE DSI NEWORDER_X_283_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_283_DSI
ALLOCATE INDEX ON SP142 SIZE 256K,
    BASE ON SP142 SIZE 5216K;

CREATE DSI NEWORDER_X_284_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_284_DSI
ALLOCATE INDEX ON SP142 SIZE 256K,
    BASE ON SP142 SIZE 5216K;

CREATE DSI NEWORDER_X_285_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_285_DSI
ALLOCATE INDEX ON SP143 SIZE 256K,
    BASE ON SP143 SIZE 5216K;

CREATE DSI NEWORDER_X_286_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_286_DSI
ALLOCATE INDEX ON SP143 SIZE 256K,
    BASE ON SP143 SIZE 5216K;

CREATE DSI NEWORDER_X_287_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_287_DSI
ALLOCATE INDEX ON SP144 SIZE 256K,
    BASE ON SP144 SIZE 5216K;

CREATE DSI NEWORDER_X_288_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_288_DSI
ALLOCATE INDEX ON SP144 SIZE 256K,
    BASE ON SP144 SIZE 5216K;

CREATE DSI NEWORDER_X_289_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_289_DSI
ALLOCATE INDEX ON SP145 SIZE 256K,
    BASE ON SP145 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_290_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_290_DSI
ALLOCATE INDEX ON SP145 SIZE 256K,
    BASE ON SP145 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_291_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_291_DSI
ALLOCATE INDEX ON SP146 SIZE 256K,
    BASE ON SP146 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_292_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_292_DSI
ALLOCATE INDEX ON SP146 SIZE 256K,
    BASE ON SP146 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_293_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_293_DSI
ALLOCATE INDEX ON SP147 SIZE 256K,
    BASE ON SP147 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_294_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_294_DSI
ALLOCATE INDEX ON SP147 SIZE 256K,
    BASE ON SP147 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_295_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_295_DSI
ALLOCATE INDEX ON SP148 SIZE 256K,
    BASE ON SP148 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_296_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_296_DSI
ALLOCATE INDEX ON SP148 SIZE 256K,
    BASE ON SP148 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_297_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_297_DSI
ALLOCATE INDEX ON SP149 SIZE 256K,
    BASE ON SP149 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_298_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_298_DSI
ALLOCATE INDEX ON SP149 SIZE 256K,
    BASE ON SP149 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_299_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_299_DSI
ALLOCATE INDEX ON SP150 SIZE 256K,
    BASE ON SP150 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_300_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_300_DSI
ALLOCATE INDEX ON SP150 SIZE 256K,
    BASE ON SP150 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_301_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_301_DSI
ALLOCATE INDEX ON SP151 SIZE 256K,
    BASE ON SP151 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_302_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_302_DSI
ALLOCATE INDEX ON SP151 SIZE 256K,
    BASE ON SP151 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_303_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_303_DSI
ALLOCATE INDEX ON SP152 SIZE 256K,
    BASE ON SP152 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_304_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_304_DSI
ALLOCATE INDEX ON SP152 SIZE 256K,
    BASE ON SP152 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_305_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_305_DSI
ALLOCATE INDEX ON SP153 SIZE 256K,
    BASE ON SP153 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_306_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_306_DSI
ALLOCATE INDEX ON SP153 SIZE 256K,
    BASE ON SP153 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_307_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_307_DSI
ALLOCATE INDEX ON SP154 SIZE 256K,
    BASE ON SP154 SIZE 5216K;

CREATE DSI NEWORDER_X_308_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_308_DSI
ALLOCATE INDEX ON SP154 SIZE 256K,
    BASE ON SP154 SIZE 5216K;

CREATE DSI NEWORDER_X_309_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_309_DSI
ALLOCATE INDEX ON SP155 SIZE 256K,
    BASE ON SP155 SIZE 5216K;

CREATE DSI NEWORDER_X_310_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_310_DSI
ALLOCATE INDEX ON SP155 SIZE 256K,
    BASE ON SP155 SIZE 5216K;

CREATE DSI NEWORDER_X_311_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_311_DSI
ALLOCATE INDEX ON SP156 SIZE 256K,
    BASE ON SP156 SIZE 5216K;

CREATE DSI NEWORDER_X_312_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_312_DSI
ALLOCATE INDEX ON SP156 SIZE 256K,
    BASE ON SP156 SIZE 5216K;

CREATE DSI NEWORDER_X_313_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_313_DSI
ALLOCATE INDEX ON SP157 SIZE 256K,
    BASE ON SP157 SIZE 5216K;

CREATE DSI NEWORDER_X_314_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_314_DSI
ALLOCATE INDEX ON SP157 SIZE 256K,
    BASE ON SP157 SIZE 5216K;

CREATE DSI NEWORDER_X_315_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_315_DSI
ALLOCATE INDEX ON SP158 SIZE 256K,
    BASE ON SP158 SIZE 5216K;

CREATE DSI NEWORDER_X_316_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_316_DSI
ALLOCATE INDEX ON SP158 SIZE 256K,
    BASE ON SP158 SIZE 5216K;

CREATE DSI NEWORDER_X_317_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_317_DSI
ALLOCATE INDEX ON SP159 SIZE 256K,
    BASE ON SP159 SIZE 5216K;

CREATE DSI NEWORDER_X_318_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_318_DSI
ALLOCATE INDEX ON SP159 SIZE 256K,
    BASE ON SP159 SIZE 5216K;

CREATE DSI NEWORDER_X_319_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_319_DSI
ALLOCATE INDEX ON SP160 SIZE 256K,
    BASE ON SP160 SIZE 5216K;

CREATE DSI NEWORDER_X_320_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_320_DSI
ALLOCATE INDEX ON SP160 SIZE 256K,
    BASE ON SP160 SIZE 5216K;

CREATE DSI NEWORDER_X_321_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_321_DSI
ALLOCATE INDEX ON SP161 SIZE 256K,
    BASE ON SP161 SIZE 5216K;

CREATE DSI NEWORDER_X_322_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_322_DSI
ALLOCATE INDEX ON SP161 SIZE 256K,
    BASE ON SP161 SIZE 5216K;

CREATE DSI NEWORDER_X_323_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_323_DSI
ALLOCATE INDEX ON SP162 SIZE 256K,
    BASE ON SP162 SIZE 5216K;

CREATE DSI NEWORDER_X_324_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_324_DSI
ALLOCATE INDEX ON SP162 SIZE 256K,
    BASE ON SP162 SIZE 5216K;

CREATE DSI NEWORDER_X_325_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_325_DSI
ALLOCATE INDEX ON SP163 SIZE 256K,
    BASE ON SP163 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_326_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_326_DSI
ALLOCATE INDEX ON SP163 SIZE 256K,
    BASE ON SP163 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_327_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_327_DSI
ALLOCATE INDEX ON SP164 SIZE 256K,
    BASE ON SP164 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_328_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_328_DSI
ALLOCATE INDEX ON SP164 SIZE 256K,
    BASE ON SP164 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_329_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_329_DSI
ALLOCATE INDEX ON SP165 SIZE 256K,
    BASE ON SP165 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_330_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_330_DSI
ALLOCATE INDEX ON SP165 SIZE 256K,
    BASE ON SP165 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_331_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_331_DSI
ALLOCATE INDEX ON SP166 SIZE 256K,
    BASE ON SP166 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_332_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_332_DSI
ALLOCATE INDEX ON SP166 SIZE 256K,
    BASE ON SP166 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_333_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_333_DSI
ALLOCATE INDEX ON SP167 SIZE 256K,
    BASE ON SP167 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_334_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_334_DSI
ALLOCATE INDEX ON SP167 SIZE 256K,
    BASE ON SP167 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_335_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_335_DSI
ALLOCATE INDEX ON SP168 SIZE 256K,
    BASE ON SP168 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_336_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_336_DSI
ALLOCATE INDEX ON SP168 SIZE 256K,
    BASE ON SP168 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_337_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_337_DSI
ALLOCATE INDEX ON SP169 SIZE 256K,
    BASE ON SP169 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_338_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_338_DSI
ALLOCATE INDEX ON SP169 SIZE 256K,
    BASE ON SP169 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_339_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_339_DSI
ALLOCATE INDEX ON SP170 SIZE 256K,
    BASE ON SP170 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_340_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_340_DSI
ALLOCATE INDEX ON SP170 SIZE 256K,
    BASE ON SP170 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_341_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_341_DSI
ALLOCATE INDEX ON SP171 SIZE 256K,
    BASE ON SP171 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_342_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_342_DSI
ALLOCATE INDEX ON SP171 SIZE 256K,
    BASE ON SP171 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_343_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_343_DSI
ALLOCATE INDEX ON SP172 SIZE 256K,
    BASE ON SP172 SIZE 5216K;

CREATE DSI NEWORDER_X_344_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_344_DSI
ALLOCATE INDEX ON SP172 SIZE 256K,
    BASE ON SP172 SIZE 5216K;

CREATE DSI NEWORDER_X_345_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_345_DSI
ALLOCATE INDEX ON SP173 SIZE 256K,
    BASE ON SP173 SIZE 5216K;

CREATE DSI NEWORDER_X_346_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_346_DSI
ALLOCATE INDEX ON SP173 SIZE 256K,
    BASE ON SP173 SIZE 5216K;

CREATE DSI NEWORDER_X_347_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_347_DSI
ALLOCATE INDEX ON SP174 SIZE 256K,
    BASE ON SP174 SIZE 5216K;

CREATE DSI NEWORDER_X_348_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_348_DSI
ALLOCATE INDEX ON SP174 SIZE 256K,
    BASE ON SP174 SIZE 5216K;

CREATE DSI NEWORDER_X_349_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_349_DSI
ALLOCATE INDEX ON SP175 SIZE 256K,
    BASE ON SP175 SIZE 5216K;

CREATE DSI NEWORDER_X_350_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_350_DSI
ALLOCATE INDEX ON SP175 SIZE 256K,
    BASE ON SP175 SIZE 5216K;

CREATE DSI NEWORDER_X_351_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_351_DSI
ALLOCATE INDEX ON SP176 SIZE 256K,
    BASE ON SP176 SIZE 5216K;

CREATE DSI NEWORDER_X_352_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_352_DSI
ALLOCATE INDEX ON SP176 SIZE 256K,
    BASE ON SP176 SIZE 5216K;

CREATE DSI NEWORDER_X_353_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_353_DSI
ALLOCATE INDEX ON SP177 SIZE 256K,
    BASE ON SP177 SIZE 5216K;

CREATE DSI NEWORDER_X_354_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_354_DSI
ALLOCATE INDEX ON SP177 SIZE 256K,
    BASE ON SP177 SIZE 5216K;

CREATE DSI NEWORDER_X_355_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_355_DSI
ALLOCATE INDEX ON SP178 SIZE 256K,
    BASE ON SP178 SIZE 5216K;

CREATE DSI NEWORDER_X_356_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_356_DSI
ALLOCATE INDEX ON SP178 SIZE 256K,
    BASE ON SP178 SIZE 5216K;

CREATE DSI NEWORDER_X_357_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_357_DSI
ALLOCATE INDEX ON SP179 SIZE 256K,
    BASE ON SP179 SIZE 5216K;

CREATE DSI NEWORDER_X_358_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_358_DSI
ALLOCATE INDEX ON SP179 SIZE 256K,
    BASE ON SP179 SIZE 5216K;

CREATE DSI NEWORDER_X_359_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_359_DSI
ALLOCATE INDEX ON SP180 SIZE 256K,
    BASE ON SP180 SIZE 5216K;

CREATE DSI NEWORDER_X_360_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_360_DSI
ALLOCATE INDEX ON SP180 SIZE 256K,
    BASE ON SP180 SIZE 5216K;

CREATE DSI NEWORDER_X_361_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_361_DSI
ALLOCATE INDEX ON SP181 SIZE 256K,
    BASE ON SP181 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_362_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_362_DSI
ALLOCATE INDEX ON SP181 SIZE 256K,
    BASE ON SP181 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_363_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_363_DSI
ALLOCATE INDEX ON SP182 SIZE 256K,
    BASE ON SP182 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_364_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_364_DSI
ALLOCATE INDEX ON SP182 SIZE 256K,
    BASE ON SP182 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_365_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_365_DSI
ALLOCATE INDEX ON SP183 SIZE 256K,
    BASE ON SP183 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_366_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_366_DSI
ALLOCATE INDEX ON SP183 SIZE 256K,
    BASE ON SP183 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_367_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_367_DSI
ALLOCATE INDEX ON SP184 SIZE 256K,
    BASE ON SP184 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_368_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_368_DSI
ALLOCATE INDEX ON SP184 SIZE 256K,
    BASE ON SP184 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_369_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_369_DSI
ALLOCATE INDEX ON SP185 SIZE 256K,
    BASE ON SP185 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_370_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_370_DSI
ALLOCATE INDEX ON SP185 SIZE 256K,
    BASE ON SP185 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_371_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_371_DSI
ALLOCATE INDEX ON SP186 SIZE 256K,
    BASE ON SP186 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_372_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_372_DSI
ALLOCATE INDEX ON SP186 SIZE 256K,
    BASE ON SP186 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_373_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_373_DSI
ALLOCATE INDEX ON SP187 SIZE 256K,
    BASE ON SP187 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_374_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_374_DSI
ALLOCATE INDEX ON SP187 SIZE 256K,
    BASE ON SP187 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_375_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_375_DSI
ALLOCATE INDEX ON SP188 SIZE 256K,
    BASE ON SP188 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_376_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_376_DSI
ALLOCATE INDEX ON SP188 SIZE 256K,
    BASE ON SP188 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_377_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_377_DSI
ALLOCATE INDEX ON SP189 SIZE 256K,
    BASE ON SP189 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_378_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_378_DSI
ALLOCATE INDEX ON SP189 SIZE 256K,
    BASE ON SP189 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_379_DSI

```



```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_379_DSI
ALLOCATE INDEX ON SP190 SIZE 256K,
    BASE ON SP190 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_380_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_380_DSI
ALLOCATE INDEX ON SP190 SIZE 256K,
    BASE ON SP190 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_381_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_381_DSI
ALLOCATE INDEX ON SP191 SIZE 256K,
    BASE ON SP191 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_382_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_382_DSI
ALLOCATE INDEX ON SP191 SIZE 256K,
    BASE ON SP191 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_383_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_383_DSI
ALLOCATE INDEX ON SP192 SIZE 256K,
    BASE ON SP192 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_384_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_384_DSI
ALLOCATE INDEX ON SP192 SIZE 256K,
    BASE ON SP192 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_385_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_385_DSI
ALLOCATE INDEX ON SP193 SIZE 256K,
    BASE ON SP193 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_386_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_386_DSI
ALLOCATE INDEX ON SP193 SIZE 256K,
    BASE ON SP193 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_387_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_387_DSI
ALLOCATE INDEX ON SP194 SIZE 256K,
    BASE ON SP194 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_388_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_388_DSI
ALLOCATE INDEX ON SP194 SIZE 256K,
    BASE ON SP194 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_389_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_389_DSI
ALLOCATE INDEX ON SP195 SIZE 256K,
    BASE ON SP195 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_390_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_390_DSI
ALLOCATE INDEX ON SP195 SIZE 256K,
    BASE ON SP195 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_391_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_391_DSI
ALLOCATE INDEX ON SP196 SIZE 256K,
    BASE ON SP196 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_392_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_392_DSI
ALLOCATE INDEX ON SP196 SIZE 256K,
    BASE ON SP196 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_393_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_393_DSI
ALLOCATE INDEX ON SP197 SIZE 256K,
    BASE ON SP197 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_394_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_394_DSI
ALLOCATE INDEX ON SP197 SIZE 256K,
    BASE ON SP197 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_395_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_395_DSI
ALLOCATE INDEX ON SP198 SIZE 256K,
    BASE ON SP198 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_396_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_396_DSI
ALLOCATE INDEX ON SP198 SIZE 256K,
    BASE ON SP198 SIZE 5216K;
```

```
CREATE DSI NEWORDER_X_397_DSI
```



```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_397_DSI
ALLOCATE INDEX ON SP199 SIZE 256K,
    BASE ON SP199 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_398_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_398_DSI
ALLOCATE INDEX ON SP199 SIZE 256K,
    BASE ON SP199 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_399_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_399_DSI
ALLOCATE INDEX ON SP200 SIZE 256K,
    BASE ON SP200 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_400_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_400_DSI
ALLOCATE INDEX ON SP200 SIZE 256K,
    BASE ON SP200 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_401_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_401_DSI
ALLOCATE INDEX ON SP201 SIZE 256K,
    BASE ON SP201 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_402_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_402_DSI
ALLOCATE INDEX ON SP201 SIZE 256K,
    BASE ON SP201 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_403_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_403_DSI
ALLOCATE INDEX ON SP202 SIZE 256K,
    BASE ON SP202 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_404_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_404_DSI
ALLOCATE INDEX ON SP202 SIZE 256K,
    BASE ON SP202 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_405_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_405_DSI
ALLOCATE INDEX ON SP203 SIZE 256K,
    BASE ON SP203 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_406_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_406_DSI
ALLOCATE INDEX ON SP203 SIZE 256K,
    BASE ON SP203 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_407_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_407_DSI
ALLOCATE INDEX ON SP204 SIZE 256K,
    BASE ON SP204 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_408_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_408_DSI
ALLOCATE INDEX ON SP204 SIZE 256K,
    BASE ON SP204 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_409_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_409_DSI
ALLOCATE INDEX ON SP205 SIZE 256K,
    BASE ON SP205 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_410_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_410_DSI
ALLOCATE INDEX ON SP205 SIZE 256K,
    BASE ON SP205 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_411_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_411_DSI
ALLOCATE INDEX ON SP206 SIZE 256K,
    BASE ON SP206 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_412_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_412_DSI
ALLOCATE INDEX ON SP206 SIZE 256K,
    BASE ON SP206 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_413_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_413_DSI
ALLOCATE INDEX ON SP207 SIZE 256K,
    BASE ON SP207 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_414_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_414_DSI
ALLOCATE INDEX ON SP207 SIZE 256K,
    BASE ON SP207 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_415_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_415_DSI
ALLOCATE INDEX ON SP208 SIZE 256K,
    BASE ON SP208 SIZE 5216K;

CREATE DSI NEWORDER_X_416_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_416_DSI
ALLOCATE INDEX ON SP208 SIZE 256K,
    BASE ON SP208 SIZE 5216K;

CREATE DSI NEWORDER_X_417_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_417_DSI
ALLOCATE INDEX ON SP209 SIZE 256K,
    BASE ON SP209 SIZE 5216K;

CREATE DSI NEWORDER_X_418_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_418_DSI
ALLOCATE INDEX ON SP209 SIZE 256K,
    BASE ON SP209 SIZE 5216K;

CREATE DSI NEWORDER_X_419_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_419_DSI
ALLOCATE INDEX ON SP210 SIZE 256K,
    BASE ON SP210 SIZE 5216K;

CREATE DSI NEWORDER_X_420_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_420_DSI
ALLOCATE INDEX ON SP210 SIZE 256K,
    BASE ON SP210 SIZE 5216K;

CREATE DSI NEWORDER_X_421_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_421_DSI
ALLOCATE INDEX ON SP211 SIZE 256K,
    BASE ON SP211 SIZE 5216K;

CREATE DSI NEWORDER_X_422_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_422_DSI
ALLOCATE INDEX ON SP211 SIZE 256K,
    BASE ON SP211 SIZE 5216K;

CREATE DSI NEWORDER_X_423_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_423_DSI
ALLOCATE INDEX ON SP212 SIZE 256K,
    BASE ON SP212 SIZE 5216K;

CREATE DSI NEWORDER_X_424_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_424_DSI
ALLOCATE INDEX ON SP212 SIZE 256K,
    BASE ON SP212 SIZE 5216K;

CREATE DSI NEWORDER_X_425_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_425_DSI
ALLOCATE INDEX ON SP213 SIZE 256K,
    BASE ON SP213 SIZE 5216K;

CREATE DSI NEWORDER_X_426_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_426_DSI
ALLOCATE INDEX ON SP213 SIZE 256K,
    BASE ON SP213 SIZE 5216K;

CREATE DSI NEWORDER_X_427_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_427_DSI
ALLOCATE INDEX ON SP214 SIZE 256K,
    BASE ON SP214 SIZE 5216K;

CREATE DSI NEWORDER_X_428_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_428_DSI
ALLOCATE INDEX ON SP214 SIZE 256K,
    BASE ON SP214 SIZE 5216K;

CREATE DSI NEWORDER_X_429_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_429_DSI
ALLOCATE INDEX ON SP215 SIZE 256K,
    BASE ON SP215 SIZE 5216K;

CREATE DSI NEWORDER_X_430_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_430_DSI
ALLOCATE INDEX ON SP215 SIZE 256K,
    BASE ON SP215 SIZE 5216K;

CREATE DSI NEWORDER_X_431_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_431_DSI
ALLOCATE INDEX ON SP216 SIZE 256K,
    BASE ON SP216 SIZE 5216K;

CREATE DSI NEWORDER_X_432_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_432_DSI
ALLOCATE INDEX ON SP216 SIZE 256K,
    BASE ON SP216 SIZE 5216K;

CREATE DSI NEWORDER_X_433_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_433_DSI
ALLOCATE INDEX ON SP217 SIZE 256K,
    BASE ON SP217 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_434_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_434_DSI
ALLOCATE INDEX ON SP217 SIZE 256K,
    BASE ON SP217 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_435_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_435_DSI
ALLOCATE INDEX ON SP218 SIZE 256K,
    BASE ON SP218 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_436_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_436_DSI
ALLOCATE INDEX ON SP218 SIZE 256K,
    BASE ON SP218 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_437_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_437_DSI
ALLOCATE INDEX ON SP219 SIZE 256K,
    BASE ON SP219 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_438_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_438_DSI
ALLOCATE INDEX ON SP219 SIZE 256K,
    BASE ON SP219 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_439_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_439_DSI
ALLOCATE INDEX ON SP220 SIZE 256K,
    BASE ON SP220 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_440_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_440_DSI
ALLOCATE INDEX ON SP220 SIZE 256K,
    BASE ON SP220 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_441_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_441_DSI
ALLOCATE INDEX ON SP221 SIZE 256K,
    BASE ON SP221 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_442_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_442_DSI
ALLOCATE INDEX ON SP221 SIZE 256K,
    BASE ON SP221 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_443_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_443_DSI
ALLOCATE INDEX ON SP222 SIZE 256K,
    BASE ON SP222 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_444_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_444_DSI
ALLOCATE INDEX ON SP222 SIZE 256K,
    BASE ON SP222 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_445_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_445_DSI
ALLOCATE INDEX ON SP223 SIZE 256K,
    BASE ON SP223 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_446_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_446_DSI
ALLOCATE INDEX ON SP223 SIZE 256K,
    BASE ON SP223 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_447_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_447_DSI
ALLOCATE INDEX ON SP224 SIZE 256K,
    BASE ON SP224 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_448_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_448_DSI
ALLOCATE INDEX ON SP224 SIZE 256K,
    BASE ON SP224 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_449_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_449_DSI
ALLOCATE INDEX ON SP225 SIZE 256K,
    BASE ON SP225 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_450_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_450_DSI
ALLOCATE INDEX ON SP225 SIZE 256K,
    BASE ON SP225 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_451_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_451_DSI
ALLOCATE INDEX ON SP226 SIZE 256K,
    BASE ON SP226 SIZE 5216K;

CREATE DSI NEWORDER_X_452_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_452_DSI
ALLOCATE INDEX ON SP226 SIZE 256K,
    BASE ON SP226 SIZE 5216K;

CREATE DSI NEWORDER_X_453_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_453_DSI
ALLOCATE INDEX ON SP227 SIZE 256K,
    BASE ON SP227 SIZE 5216K;

CREATE DSI NEWORDER_X_454_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_454_DSI
ALLOCATE INDEX ON SP227 SIZE 256K,
    BASE ON SP227 SIZE 5216K;

CREATE DSI NEWORDER_X_455_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_455_DSI
ALLOCATE INDEX ON SP228 SIZE 256K,
    BASE ON SP228 SIZE 5216K;

CREATE DSI NEWORDER_X_456_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_456_DSI
ALLOCATE INDEX ON SP228 SIZE 256K,
    BASE ON SP228 SIZE 5216K;

CREATE DSI NEWORDER_X_457_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_457_DSI
ALLOCATE INDEX ON SP229 SIZE 256K,
    BASE ON SP229 SIZE 5216K;

CREATE DSI NEWORDER_X_458_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_458_DSI
ALLOCATE INDEX ON SP229 SIZE 256K,
    BASE ON SP229 SIZE 5216K;

CREATE DSI NEWORDER_X_459_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_459_DSI
ALLOCATE INDEX ON SP230 SIZE 256K,
    BASE ON SP230 SIZE 5216K;

CREATE DSI NEWORDER_X_460_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_460_DSI
ALLOCATE INDEX ON SP230 SIZE 256K,
    BASE ON SP230 SIZE 5216K;

CREATE DSI NEWORDER_X_461_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_461_DSI
ALLOCATE INDEX ON SP231 SIZE 256K,
    BASE ON SP231 SIZE 5216K;

CREATE DSI NEWORDER_X_462_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_462_DSI
ALLOCATE INDEX ON SP231 SIZE 256K,
    BASE ON SP231 SIZE 5216K;

CREATE DSI NEWORDER_X_463_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_463_DSI
ALLOCATE INDEX ON SP232 SIZE 256K,
    BASE ON SP232 SIZE 5216K;

CREATE DSI NEWORDER_X_464_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_464_DSI
ALLOCATE INDEX ON SP232 SIZE 256K,
    BASE ON SP232 SIZE 5216K;

CREATE DSI NEWORDER_X_465_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_465_DSI
ALLOCATE INDEX ON SP233 SIZE 256K,
    BASE ON SP233 SIZE 5216K;

CREATE DSI NEWORDER_X_466_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_466_DSI
ALLOCATE INDEX ON SP233 SIZE 256K,
    BASE ON SP233 SIZE 5216K;

CREATE DSI NEWORDER_X_467_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_467_DSI
ALLOCATE INDEX ON SP234 SIZE 256K,
    BASE ON SP234 SIZE 5216K;

CREATE DSI NEWORDER_X_468_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_468_DSI
ALLOCATE INDEX ON SP234 SIZE 256K,
    BASE ON SP234 SIZE 5216K;

CREATE DSI NEWORDER_X_469_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_469_DSI
ALLOCATE INDEX ON SP235 SIZE 256K,
    BASE ON SP235 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_470_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_470_DSI
ALLOCATE INDEX ON SP235 SIZE 256K,
    BASE ON SP235 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_471_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_471_DSI
ALLOCATE INDEX ON SP236 SIZE 256K,
    BASE ON SP236 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_472_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_472_DSI
ALLOCATE INDEX ON SP236 SIZE 256K,
    BASE ON SP236 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_473_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_473_DSI
ALLOCATE INDEX ON SP237 SIZE 256K,
    BASE ON SP237 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_474_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_474_DSI
ALLOCATE INDEX ON SP237 SIZE 256K,
    BASE ON SP237 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_475_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_475_DSI
ALLOCATE INDEX ON SP238 SIZE 256K,
    BASE ON SP238 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_476_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_476_DSI
ALLOCATE INDEX ON SP238 SIZE 256K,
    BASE ON SP238 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_477_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_477_DSI
ALLOCATE INDEX ON SP239 SIZE 256K,
    BASE ON SP239 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_478_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_478_DSI
ALLOCATE INDEX ON SP239 SIZE 256K,
    BASE ON SP239 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_479_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_479_DSI
ALLOCATE INDEX ON SP240 SIZE 256K,
    BASE ON SP240 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_480_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_480_DSI
ALLOCATE INDEX ON SP240 SIZE 256K,
    BASE ON SP240 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_481_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_481_DSI
ALLOCATE INDEX ON SP241 SIZE 256K,
    BASE ON SP241 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_482_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_482_DSI
ALLOCATE INDEX ON SP241 SIZE 256K,
    BASE ON SP241 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_483_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_483_DSI
ALLOCATE INDEX ON SP242 SIZE 256K,
    BASE ON SP242 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_484_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_484_DSI
ALLOCATE INDEX ON SP242 SIZE 256K,
    BASE ON SP242 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_485_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_485_DSI
ALLOCATE INDEX ON SP243 SIZE 256K,
    BASE ON SP243 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_486_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_486_DSI
ALLOCATE INDEX ON SP243 SIZE 256K,
    BASE ON SP243 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_487_DSI

```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_487_DSI
ALLOCATE INDEX ON SP244 SIZE 256K,
    BASE ON SP244 SIZE 5216K;

CREATE DSI NEWORDER_X_488_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_488_DSI
ALLOCATE INDEX ON SP244 SIZE 256K,
    BASE ON SP244 SIZE 5216K;

CREATE DSI NEWORDER_X_489_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_489_DSI
ALLOCATE INDEX ON SP245 SIZE 256K,
    BASE ON SP245 SIZE 5216K;

CREATE DSI NEWORDER_X_490_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_490_DSI
ALLOCATE INDEX ON SP245 SIZE 256K,
    BASE ON SP245 SIZE 5216K;

CREATE DSI NEWORDER_X_491_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_491_DSI
ALLOCATE INDEX ON SP246 SIZE 256K,
    BASE ON SP246 SIZE 5216K;

CREATE DSI NEWORDER_X_492_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_492_DSI
ALLOCATE INDEX ON SP246 SIZE 256K,
    BASE ON SP246 SIZE 5216K;

CREATE DSI NEWORDER_X_493_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_493_DSI
ALLOCATE INDEX ON SP247 SIZE 256K,
    BASE ON SP247 SIZE 5216K;

CREATE DSI NEWORDER_X_494_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_494_DSI
ALLOCATE INDEX ON SP247 SIZE 256K,
    BASE ON SP247 SIZE 5216K;

CREATE DSI NEWORDER_X_495_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_495_DSI
ALLOCATE INDEX ON SP248 SIZE 256K,
    BASE ON SP248 SIZE 5216K;

CREATE DSI NEWORDER_X_496_DSI
```

```
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_496_DSI
ALLOCATE INDEX ON SP248 SIZE 256K,
    BASE ON SP248 SIZE 5216K;

CREATE DSI NEWORDER_X_497_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_497_DSI
ALLOCATE INDEX ON SP249 SIZE 256K,
    BASE ON SP249 SIZE 5216K;

CREATE DSI NEWORDER_X_498_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_498_DSI
ALLOCATE INDEX ON SP249 SIZE 256K,
    BASE ON SP249 SIZE 5216K;

CREATE DSI NEWORDER_X_499_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_499_DSI
ALLOCATE INDEX ON SP250 SIZE 256K,
    BASE ON SP250 SIZE 5216K;

CREATE DSI NEWORDER_X_500_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_500_DSI
ALLOCATE INDEX ON SP250 SIZE 256K,
    BASE ON SP250 SIZE 5216K;

CREATE DSI NEWORDER_X_501_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_501_DSI
ALLOCATE INDEX ON SP251 SIZE 256K,
    BASE ON SP251 SIZE 5216K;

CREATE DSI NEWORDER_X_502_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_502_DSI
ALLOCATE INDEX ON SP251 SIZE 256K,
    BASE ON SP251 SIZE 5216K;

CREATE DSI NEWORDER_X_503_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_503_DSI
ALLOCATE INDEX ON SP252 SIZE 256K,
    BASE ON SP252 SIZE 5216K;

CREATE DSI NEWORDER_X_504_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_504_DSI
ALLOCATE INDEX ON SP252 SIZE 256K,
    BASE ON SP252 SIZE 5216K;

CREATE DSI NEWORDER_X_505_DSI
```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_505_DSI
ALLOCATE INDEX ON SP253 SIZE 256K,
    BASE ON SP253 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_506_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_506_DSI
ALLOCATE INDEX ON SP253 SIZE 256K,
    BASE ON SP253 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_507_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_507_DSI
ALLOCATE INDEX ON SP254 SIZE 256K,
    BASE ON SP254 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_508_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_508_DSI
ALLOCATE INDEX ON SP254 SIZE 256K,
    BASE ON SP254 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_509_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_509_DSI
ALLOCATE INDEX ON SP255 SIZE 256K,
    BASE ON SP255 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_510_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_510_DSI
ALLOCATE INDEX ON SP255 SIZE 256K,
    BASE ON SP255 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_511_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_511_DSI
ALLOCATE INDEX ON SP256 SIZE 256K,
    BASE ON SP256 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_512_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_512_DSI
ALLOCATE INDEX ON SP256 SIZE 256K,
    BASE ON SP256 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_513_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_513_DSI
ALLOCATE INDEX ON SP257 SIZE 256K,
    BASE ON SP257 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_514_DSI

```

```

INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_514_DSI
ALLOCATE INDEX ON SP257 SIZE 256K,
    BASE ON SP257 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_515_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_515_DSI
ALLOCATE INDEX ON SP258 SIZE 256K,
    BASE ON SP258 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_516_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_516_DSI
ALLOCATE INDEX ON SP258 SIZE 256K,
    BASE ON SP258 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_517_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_517_DSI
ALLOCATE INDEX ON SP259 SIZE 256K,
    BASE ON SP259 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_518_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_518_DSI
ALLOCATE INDEX ON SP259 SIZE 256K,
    BASE ON SP259 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_519_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_519_DSI
ALLOCATE INDEX ON SP260 SIZE 256K,
    BASE ON SP260 SIZE 5216K;

```

```

CREATE DSI NEWORDER_X_520_DSI
INDEX
DSO NEWORDER_IX_DSO
BASE NEWORDER_520_DSI
ALLOCATE INDEX ON SP260 SIZE 256K,
    BASE ON SP260 SIZE 5216K;

```

```

-----
-- * Phase.2-6a: NewOrder
-----

```

```

CREATE DSO NEWORDER_DSO
FROM TPCC_SCHEMA.NEWORDER
TYPE
RANDOM(PAGESIZE1(8),PAGESIZE2(1),RULE((NO_O_ID/8)*11+NO_W_ID+((N
O_D_ID-1)*8+(NO_O_ID-((NO_O_ID/8)*8))*1793))
WHERE (NO_W_ID) BETWEEN (?) AND (?);

```

```

CREATE DSI NEWORDER_1_DSI
DSO NEWORDER_DSO
USING(1,1)
ALLOCATE PRIME ON SP1 SIZE 14352K,
OVERFLOW ON SP1 SIZE 501K;

```

```
CREATE DSI NEWORDER_2_DSI
DSO NEWORDER_DSO
USING(12,22)
ALLOCATE PRIME ON SP1 SIZE 14352K,
OVERFLOW ON SP1 SIZE 501K;

CREATE DSI NEWORDER_3_DSI
DSO NEWORDER_DSO
USING(23,33)
ALLOCATE PRIME ON SP2 SIZE 14352K,
OVERFLOW ON SP2 SIZE 501K;

CREATE DSI NEWORDER_4_DSI
DSO NEWORDER_DSO
USING(34,44)
ALLOCATE PRIME ON SP2 SIZE 14352K,
OVERFLOW ON SP2 SIZE 501K;

CREATE DSI NEWORDER_5_DSI
DSO NEWORDER_DSO
USING(45,55)
ALLOCATE PRIME ON SP3 SIZE 14352K,
OVERFLOW ON SP3 SIZE 501K;

CREATE DSI NEWORDER_6_DSI
DSO NEWORDER_DSO
USING(56,66)
ALLOCATE PRIME ON SP3 SIZE 14352K,
OVERFLOW ON SP3 SIZE 501K;

CREATE DSI NEWORDER_7_DSI
DSO NEWORDER_DSO
USING(67,77)
ALLOCATE PRIME ON SP4 SIZE 14352K,
OVERFLOW ON SP4 SIZE 501K;

CREATE DSI NEWORDER_8_DSI
DSO NEWORDER_DSO
USING(78,88)
ALLOCATE PRIME ON SP4 SIZE 14352K,
OVERFLOW ON SP4 SIZE 501K;

CREATE DSI NEWORDER_9_DSI
DSO NEWORDER_DSO
USING(89,99)
ALLOCATE PRIME ON SP5 SIZE 14352K,
OVERFLOW ON SP5 SIZE 501K;

CREATE DSI NEWORDER_10_DSI
DSO NEWORDER_DSO
USING(100,110)
ALLOCATE PRIME ON SP5 SIZE 14352K,
OVERFLOW ON SP5 SIZE 501K;

CREATE DSI NEWORDER_11_DSI
DSO NEWORDER_DSO
USING(111,121)
ALLOCATE PRIME ON SP6 SIZE 14352K,
OVERFLOW ON SP6 SIZE 501K;

CREATE DSI NEWORDER_12_DSI
DSO NEWORDER_DSO
USING(122,132)
ALLOCATE PRIME ON SP6 SIZE 14352K,
OVERFLOW ON SP6 SIZE 501K;

CREATE DSI NEWORDER_13_DSI
DSO NEWORDER_DSO
USING(133,143)
ALLOCATE PRIME ON SP7 SIZE 14352K,
OVERFLOW ON SP7 SIZE 501K;

CREATE DSI NEWORDER_14_DSI
DSO NEWORDER_DSO
USING(144,154)
ALLOCATE PRIME ON SP7 SIZE 14352K,
OVERFLOW ON SP7 SIZE 501K;

CREATE DSI NEWORDER_15_DSI
DSO NEWORDER_DSO
USING(155,165)
ALLOCATE PRIME ON SP8 SIZE 14352K,
OVERFLOW ON SP8 SIZE 501K;

CREATE DSI NEWORDER_16_DSI
DSO NEWORDER_DSO
USING(166,176)
ALLOCATE PRIME ON SP8 SIZE 14352K,
OVERFLOW ON SP8 SIZE 501K;

CREATE DSI NEWORDER_17_DSI
DSO NEWORDER_DSO
USING(177,187)
ALLOCATE PRIME ON SP9 SIZE 14352K,
OVERFLOW ON SP9 SIZE 501K;

CREATE DSI NEWORDER_18_DSI
DSO NEWORDER_DSO
USING(188,198)
ALLOCATE PRIME ON SP9 SIZE 14352K,
OVERFLOW ON SP9 SIZE 501K;

CREATE DSI NEWORDER_19_DSI
DSO NEWORDER_DSO
USING(199,209)
ALLOCATE PRIME ON SP10 SIZE 14352K,
OVERFLOW ON SP10 SIZE 501K;

CREATE DSI NEWORDER_20_DSI
DSO NEWORDER_DSO
USING(210,220)
ALLOCATE PRIME ON SP10 SIZE 14352K,
OVERFLOW ON SP10 SIZE 501K;

CREATE DSI NEWORDER_21_DSI
DSO NEWORDER_DSO
USING(221,231)
ALLOCATE PRIME ON SP11 SIZE 14352K,
OVERFLOW ON SP11 SIZE 501K;

CREATE DSI NEWORDER_22_DSI
DSO NEWORDER_DSO
USING(232,242)
ALLOCATE PRIME ON SP11 SIZE 14352K,
OVERFLOW ON SP11 SIZE 501K;
```



```

CREATE DSI NEWORDER_23_DSI
  DSO NEWORDER_DSO
  USING(243,253)
  ALLOCATE PRIME ON SP12 SIZE 14352K,
    OVERFLOW ON SP12 SIZE 501K;

CREATE DSI NEWORDER_24_DSI
  DSO NEWORDER_DSO
  USING(254,264)
  ALLOCATE PRIME ON SP12 SIZE 14352K,
    OVERFLOW ON SP12 SIZE 501K;

CREATE DSI NEWORDER_25_DSI
  DSO NEWORDER_DSO
  USING(265,275)
  ALLOCATE PRIME ON SP13 SIZE 14352K,
    OVERFLOW ON SP13 SIZE 501K;

CREATE DSI NEWORDER_26_DSI
  DSO NEWORDER_DSO
  USING(276,286)
  ALLOCATE PRIME ON SP13 SIZE 14352K,
    OVERFLOW ON SP13 SIZE 501K;

CREATE DSI NEWORDER_27_DSI
  DSO NEWORDER_DSO
  USING(287,297)
  ALLOCATE PRIME ON SP14 SIZE 14352K,
    OVERFLOW ON SP14 SIZE 501K;

CREATE DSI NEWORDER_28_DSI
  DSO NEWORDER_DSO
  USING(298,308)
  ALLOCATE PRIME ON SP14 SIZE 14352K,
    OVERFLOW ON SP14 SIZE 501K;

CREATE DSI NEWORDER_29_DSI
  DSO NEWORDER_DSO
  USING(309,319)
  ALLOCATE PRIME ON SP15 SIZE 14352K,
    OVERFLOW ON SP15 SIZE 501K;

CREATE DSI NEWORDER_30_DSI
  DSO NEWORDER_DSO
  USING(320,330)
  ALLOCATE PRIME ON SP15 SIZE 14352K,
    OVERFLOW ON SP15 SIZE 501K;

CREATE DSI NEWORDER_31_DSI
  DSO NEWORDER_DSO
  USING(331,341)
  ALLOCATE PRIME ON SP16 SIZE 14352K,
    OVERFLOW ON SP16 SIZE 501K;

CREATE DSI NEWORDER_32_DSI
  DSO NEWORDER_DSO
  USING(342,352)
  ALLOCATE PRIME ON SP16 SIZE 14352K,
    OVERFLOW ON SP16 SIZE 501K;

CREATE DSI NEWORDER_33_DSI
  DSO NEWORDER_DSO
  USING(353,363)
  ALLOCATE PRIME ON SP17 SIZE 14352K,
    OVERFLOW ON SP17 SIZE 501K;

CREATE DSI NEWORDER_34_DSI
  DSO NEWORDER_DSO
  USING(364,374)
  ALLOCATE PRIME ON SP17 SIZE 14352K,
    OVERFLOW ON SP17 SIZE 501K;

CREATE DSI NEWORDER_35_DSI
  DSO NEWORDER_DSO
  USING(375,385)
  ALLOCATE PRIME ON SP18 SIZE 14352K,
    OVERFLOW ON SP18 SIZE 501K;

CREATE DSI NEWORDER_36_DSI
  DSO NEWORDER_DSO
  USING(386,396)
  ALLOCATE PRIME ON SP18 SIZE 14352K,
    OVERFLOW ON SP18 SIZE 501K;

CREATE DSI NEWORDER_37_DSI
  DSO NEWORDER_DSO
  USING(397,407)
  ALLOCATE PRIME ON SP19 SIZE 14352K,
    OVERFLOW ON SP19 SIZE 501K;

CREATE DSI NEWORDER_38_DSI
  DSO NEWORDER_DSO
  USING(408,418)
  ALLOCATE PRIME ON SP19 SIZE 14352K,
    OVERFLOW ON SP19 SIZE 501K;

CREATE DSI NEWORDER_39_DSI
  DSO NEWORDER_DSO
  USING(419,429)
  ALLOCATE PRIME ON SP20 SIZE 14352K,
    OVERFLOW ON SP20 SIZE 501K;

CREATE DSI NEWORDER_40_DSI
  DSO NEWORDER_DSO
  USING(430,440)
  ALLOCATE PRIME ON SP20 SIZE 14352K,
    OVERFLOW ON SP20 SIZE 501K;

CREATE DSI NEWORDER_41_DSI
  DSO NEWORDER_DSO
  USING(441,451)
  ALLOCATE PRIME ON SP21 SIZE 14352K,
    OVERFLOW ON SP21 SIZE 501K;

CREATE DSI NEWORDER_42_DSI
  DSO NEWORDER_DSO
  USING(452,462)
  ALLOCATE PRIME ON SP21 SIZE 14352K,
    OVERFLOW ON SP21 SIZE 501K;

CREATE DSI NEWORDER_43_DSI
  DSO NEWORDER_DSO
  USING(463,473)
  ALLOCATE PRIME ON SP22 SIZE 14352K,
    OVERFLOW ON SP22 SIZE 501K;

```

```
CREATE DSI NEWORDER_44_DSI
  DSO NEWORDER_DSO
  USING(474,484)
  ALLOCATE PRIME ON SP22 SIZE 14352K,
    OVERFLOW ON SP22 SIZE 501K;

CREATE DSI NEWORDER_45_DSI
  DSO NEWORDER_DSO
  USING(485,495)
  ALLOCATE PRIME ON SP23 SIZE 14352K,
    OVERFLOW ON SP23 SIZE 501K;

CREATE DSI NEWORDER_46_DSI
  DSO NEWORDER_DSO
  USING(496,506)
  ALLOCATE PRIME ON SP23 SIZE 14352K,
    OVERFLOW ON SP23 SIZE 501K;

CREATE DSI NEWORDER_47_DSI
  DSO NEWORDER_DSO
  USING(507,517)
  ALLOCATE PRIME ON SP24 SIZE 14352K,
    OVERFLOW ON SP24 SIZE 501K;

CREATE DSI NEWORDER_48_DSI
  DSO NEWORDER_DSO
  USING(518,528)
  ALLOCATE PRIME ON SP24 SIZE 14352K,
    OVERFLOW ON SP24 SIZE 501K;

CREATE DSI NEWORDER_49_DSI
  DSO NEWORDER_DSO
  USING(529,539)
  ALLOCATE PRIME ON SP25 SIZE 14352K,
    OVERFLOW ON SP25 SIZE 501K;

CREATE DSI NEWORDER_50_DSI
  DSO NEWORDER_DSO
  USING(540,550)
  ALLOCATE PRIME ON SP25 SIZE 14352K,
    OVERFLOW ON SP25 SIZE 501K;

CREATE DSI NEWORDER_51_DSI
  DSO NEWORDER_DSO
  USING(551,561)
  ALLOCATE PRIME ON SP26 SIZE 14352K,
    OVERFLOW ON SP26 SIZE 501K;

CREATE DSI NEWORDER_52_DSI
  DSO NEWORDER_DSO
  USING(562,572)
  ALLOCATE PRIME ON SP26 SIZE 14352K,
    OVERFLOW ON SP26 SIZE 501K;

CREATE DSI NEWORDER_53_DSI
  DSO NEWORDER_DSO
  USING(573,583)
  ALLOCATE PRIME ON SP27 SIZE 14352K,
    OVERFLOW ON SP27 SIZE 501K;

CREATE DSI NEWORDER_54_DSI
  DSO NEWORDER_DSO
  USING(584,594)
  ALLOCATE PRIME ON SP27 SIZE 14352K,
    OVERFLOW ON SP27 SIZE 501K;

CREATE DSI NEWORDER_55_DSI
  DSO NEWORDER_DSO
  USING(595,605)
  ALLOCATE PRIME ON SP28 SIZE 14352K,
    OVERFLOW ON SP28 SIZE 501K;

CREATE DSI NEWORDER_56_DSI
  DSO NEWORDER_DSO
  USING(606,616)
  ALLOCATE PRIME ON SP28 SIZE 14352K,
    OVERFLOW ON SP28 SIZE 501K;

CREATE DSI NEWORDER_57_DSI
  DSO NEWORDER_DSO
  USING(617,627)
  ALLOCATE PRIME ON SP29 SIZE 14352K,
    OVERFLOW ON SP29 SIZE 501K;

CREATE DSI NEWORDER_58_DSI
  DSO NEWORDER_DSO
  USING(628,638)
  ALLOCATE PRIME ON SP29 SIZE 14352K,
    OVERFLOW ON SP29 SIZE 501K;

CREATE DSI NEWORDER_59_DSI
  DSO NEWORDER_DSO
  USING(639,649)
  ALLOCATE PRIME ON SP30 SIZE 14352K,
    OVERFLOW ON SP30 SIZE 501K;

CREATE DSI NEWORDER_60_DSI
  DSO NEWORDER_DSO
  USING(650,660)
  ALLOCATE PRIME ON SP30 SIZE 14352K,
    OVERFLOW ON SP30 SIZE 501K;

CREATE DSI NEWORDER_61_DSI
  DSO NEWORDER_DSO
  USING(661,671)
  ALLOCATE PRIME ON SP31 SIZE 14352K,
    OVERFLOW ON SP31 SIZE 501K;

CREATE DSI NEWORDER_62_DSI
  DSO NEWORDER_DSO
  USING(672,682)
  ALLOCATE PRIME ON SP31 SIZE 14352K,
    OVERFLOW ON SP31 SIZE 501K;

CREATE DSI NEWORDER_63_DSI
  DSO NEWORDER_DSO
  USING(683,693)
  ALLOCATE PRIME ON SP32 SIZE 14352K,
    OVERFLOW ON SP32 SIZE 501K;

CREATE DSI NEWORDER_64_DSI
  DSO NEWORDER_DSO
  USING(694,704)
  ALLOCATE PRIME ON SP32 SIZE 14352K,
    OVERFLOW ON SP32 SIZE 501K;
```

```

CREATE DSI NEWORDER_65_DSI
  DSO NEWORDER_DSO
  USING(705,715)
  ALLOCATE PRIME ON SP33 SIZE 14352K,
    OVERFLOW ON SP33 SIZE 501K;
  USING(815,825)
  ALLOCATE PRIME ON SP38 SIZE 14352K,
    OVERFLOW ON SP38 SIZE 501K;

CREATE DSI NEWORDER_66_DSI
  DSO NEWORDER_DSO
  USING(716,726)
  ALLOCATE PRIME ON SP33 SIZE 14352K,
    OVERFLOW ON SP33 SIZE 501K;

CREATE DSI NEWORDER_67_DSI
  DSO NEWORDER_DSO
  USING(727,737)
  ALLOCATE PRIME ON SP34 SIZE 14352K,
    OVERFLOW ON SP34 SIZE 501K;

CREATE DSI NEWORDER_68_DSI
  DSO NEWORDER_DSO
  USING(738,748)
  ALLOCATE PRIME ON SP34 SIZE 14352K,
    OVERFLOW ON SP34 SIZE 501K;

CREATE DSI NEWORDER_69_DSI
  DSO NEWORDER_DSO
  USING(749,759)
  ALLOCATE PRIME ON SP35 SIZE 14352K,
    OVERFLOW ON SP35 SIZE 501K;

CREATE DSI NEWORDER_70_DSI
  DSO NEWORDER_DSO
  USING(760,770)
  ALLOCATE PRIME ON SP35 SIZE 14352K,
    OVERFLOW ON SP35 SIZE 501K;

CREATE DSI NEWORDER_71_DSI
  DSO NEWORDER_DSO
  USING(771,781)
  ALLOCATE PRIME ON SP36 SIZE 14352K,
    OVERFLOW ON SP36 SIZE 501K;

CREATE DSI NEWORDER_72_DSI
  DSO NEWORDER_DSO
  USING(782,792)
  ALLOCATE PRIME ON SP36 SIZE 14352K,
    OVERFLOW ON SP36 SIZE 501K;

CREATE DSI NEWORDER_73_DSI
  DSO NEWORDER_DSO
  USING(793,803)
  ALLOCATE PRIME ON SP37 SIZE 14352K,
    OVERFLOW ON SP37 SIZE 501K;

CREATE DSI NEWORDER_74_DSI
  DSO NEWORDER_DSO
  USING(804,814)
  ALLOCATE PRIME ON SP37 SIZE 14352K,
    OVERFLOW ON SP37 SIZE 501K;

CREATE DSI NEWORDER_75_DSI
  DSO NEWORDER_DSO
  USING(815,825)
  ALLOCATE PRIME ON SP38 SIZE 14352K,
    OVERFLOW ON SP38 SIZE 501K;

CREATE DSI NEWORDER_76_DSI
  DSO NEWORDER_DSO
  USING(826,836)
  ALLOCATE PRIME ON SP38 SIZE 14352K,
    OVERFLOW ON SP38 SIZE 501K;

CREATE DSI NEWORDER_77_DSI
  DSO NEWORDER_DSO
  USING(837,847)
  ALLOCATE PRIME ON SP39 SIZE 14352K,
    OVERFLOW ON SP39 SIZE 501K;

CREATE DSI NEWORDER_78_DSI
  DSO NEWORDER_DSO
  USING(848,858)
  ALLOCATE PRIME ON SP39 SIZE 14352K,
    OVERFLOW ON SP39 SIZE 501K;

CREATE DSI NEWORDER_79_DSI
  DSO NEWORDER_DSO
  USING(859,869)
  ALLOCATE PRIME ON SP40 SIZE 14352K,
    OVERFLOW ON SP40 SIZE 501K;

CREATE DSI NEWORDER_80_DSI
  DSO NEWORDER_DSO
  USING(870,880)
  ALLOCATE PRIME ON SP40 SIZE 14352K,
    OVERFLOW ON SP40 SIZE 501K;

CREATE DSI NEWORDER_81_DSI
  DSO NEWORDER_DSO
  USING(881,891)
  ALLOCATE PRIME ON SP41 SIZE 14352K,
    OVERFLOW ON SP41 SIZE 501K;

CREATE DSI NEWORDER_82_DSI
  DSO NEWORDER_DSO
  USING(892,902)
  ALLOCATE PRIME ON SP41 SIZE 14352K,
    OVERFLOW ON SP41 SIZE 501K;

CREATE DSI NEWORDER_83_DSI
  DSO NEWORDER_DSO
  USING(903,913)
  ALLOCATE PRIME ON SP42 SIZE 14352K,
    OVERFLOW ON SP42 SIZE 501K;

CREATE DSI NEWORDER_84_DSI
  DSO NEWORDER_DSO
  USING(914,924)
  ALLOCATE PRIME ON SP42 SIZE 14352K,
    OVERFLOW ON SP42 SIZE 501K;

CREATE DSI NEWORDER_85_DSI
  DSO NEWORDER_DSO
  USING(925,935)
  ALLOCATE PRIME ON SP43 SIZE 14352K,
    OVERFLOW ON SP43 SIZE 501K;

```

```
CREATE DSI NEWORDER_86_DSI
  DSO NEWORDER_DSO
  USING(936,946)
  ALLOCATE PRIME ON SP43 SIZE 14352K,
  OVERFLOW ON SP43 SIZE 501K;

CREATE DSI NEWORDER_87_DSI
  DSO NEWORDER_DSO
  USING(947,957)
  ALLOCATE PRIME ON SP44 SIZE 14352K,
  OVERFLOW ON SP44 SIZE 501K;

CREATE DSI NEWORDER_88_DSI
  DSO NEWORDER_DSO
  USING(958,968)
  ALLOCATE PRIME ON SP44 SIZE 14352K,
  OVERFLOW ON SP44 SIZE 501K;

CREATE DSI NEWORDER_89_DSI
  DSO NEWORDER_DSO
  USING(969,979)
  ALLOCATE PRIME ON SP45 SIZE 14352K,
  OVERFLOW ON SP45 SIZE 501K;

CREATE DSI NEWORDER_90_DSI
  DSO NEWORDER_DSO
  USING(980,990)
  ALLOCATE PRIME ON SP45 SIZE 14352K,
  OVERFLOW ON SP45 SIZE 501K;

CREATE DSI NEWORDER_91_DSI
  DSO NEWORDER_DSO
  USING(991,1001)
  ALLOCATE PRIME ON SP46 SIZE 14352K,
  OVERFLOW ON SP46 SIZE 501K;

CREATE DSI NEWORDER_92_DSI
  DSO NEWORDER_DSO
  USING(1002,1012)
  ALLOCATE PRIME ON SP46 SIZE 14352K,
  OVERFLOW ON SP46 SIZE 501K;

CREATE DSI NEWORDER_93_DSI
  DSO NEWORDER_DSO
  USING(1013,1023)
  ALLOCATE PRIME ON SP47 SIZE 14352K,
  OVERFLOW ON SP47 SIZE 501K;

CREATE DSI NEWORDER_94_DSI
  DSO NEWORDER_DSO
  USING(1024,1034)
  ALLOCATE PRIME ON SP47 SIZE 14352K,
  OVERFLOW ON SP47 SIZE 501K;

CREATE DSI NEWORDER_95_DSI
  DSO NEWORDER_DSO
  USING(1035,1045)
  ALLOCATE PRIME ON SP48 SIZE 14352K,
  OVERFLOW ON SP48 SIZE 501K;

CREATE DSI NEWORDER_96_DSI
  DSO NEWORDER_DSO
  USING(1046,1056)
  ALLOCATE PRIME ON SP48 SIZE 14352K,
  OVERFLOW ON SP48 SIZE 501K;

CREATE DSI NEWORDER_97_DSI
  DSO NEWORDER_DSO
  USING(1057,1067)
  ALLOCATE PRIME ON SP49 SIZE 14352K,
  OVERFLOW ON SP49 SIZE 501K;

CREATE DSI NEWORDER_98_DSI
  DSO NEWORDER_DSO
  USING(1068,1078)
  ALLOCATE PRIME ON SP49 SIZE 14352K,
  OVERFLOW ON SP49 SIZE 501K;

CREATE DSI NEWORDER_99_DSI
  DSO NEWORDER_DSO
  USING(1079,1089)
  ALLOCATE PRIME ON SP50 SIZE 14352K,
  OVERFLOW ON SP50 SIZE 501K;

CREATE DSI NEWORDER_100_DSI
  DSO NEWORDER_DSO
  USING(1090,1100)
  ALLOCATE PRIME ON SP50 SIZE 14352K,
  OVERFLOW ON SP50 SIZE 501K;

CREATE DSI NEWORDER_101_DSI
  DSO NEWORDER_DSO
  USING(1101,1111)
  ALLOCATE PRIME ON SP51 SIZE 14352K,
  OVERFLOW ON SP51 SIZE 501K;

CREATE DSI NEWORDER_102_DSI
  DSO NEWORDER_DSO
  USING(1112,1122)
  ALLOCATE PRIME ON SP51 SIZE 14352K,
  OVERFLOW ON SP51 SIZE 501K;

CREATE DSI NEWORDER_103_DSI
  DSO NEWORDER_DSO
  USING(1123,1133)
  ALLOCATE PRIME ON SP52 SIZE 14352K,
  OVERFLOW ON SP52 SIZE 501K;

CREATE DSI NEWORDER_104_DSI
  DSO NEWORDER_DSO
  USING(1134,1144)
  ALLOCATE PRIME ON SP52 SIZE 14352K,
  OVERFLOW ON SP52 SIZE 501K;

CREATE DSI NEWORDER_105_DSI
  DSO NEWORDER_DSO
  USING(1145,1155)
  ALLOCATE PRIME ON SP53 SIZE 14352K,
  OVERFLOW ON SP53 SIZE 501K;

CREATE DSI NEWORDER_106_DSI
  DSO NEWORDER_DSO
  USING(1156,1166)
  ALLOCATE PRIME ON SP53 SIZE 14352K,
  OVERFLOW ON SP53 SIZE 501K;
```

```

CREATE DSI NEWORDER_107_DSI
  DSO NEWORDER_DSO
  USING(1167,1177)
  ALLOCATE PRIME ON SP54 SIZE 14352K,
    OVERFLOW ON SP54 SIZE 501K;

CREATE DSI NEWORDER_108_DSI
  DSO NEWORDER_DSO
  USING(1178,1188)
  ALLOCATE PRIME ON SP54 SIZE 14352K,
    OVERFLOW ON SP54 SIZE 501K;

CREATE DSI NEWORDER_109_DSI
  DSO NEWORDER_DSO
  USING(1189,1199)
  ALLOCATE PRIME ON SP55 SIZE 14352K,
    OVERFLOW ON SP55 SIZE 501K;

CREATE DSI NEWORDER_110_DSI
  DSO NEWORDER_DSO
  USING(1200,1210)
  ALLOCATE PRIME ON SP55 SIZE 14352K,
    OVERFLOW ON SP55 SIZE 501K;

CREATE DSI NEWORDER_111_DSI
  DSO NEWORDER_DSO
  USING(1211,1221)
  ALLOCATE PRIME ON SP56 SIZE 14352K,
    OVERFLOW ON SP56 SIZE 501K;

CREATE DSI NEWORDER_112_DSI
  DSO NEWORDER_DSO
  USING(1222,1232)
  ALLOCATE PRIME ON SP56 SIZE 14352K,
    OVERFLOW ON SP56 SIZE 501K;

CREATE DSI NEWORDER_113_DSI
  DSO NEWORDER_DSO
  USING(1233,1243)
  ALLOCATE PRIME ON SP57 SIZE 14352K,
    OVERFLOW ON SP57 SIZE 501K;

CREATE DSI NEWORDER_114_DSI
  DSO NEWORDER_DSO
  USING(1244,1254)
  ALLOCATE PRIME ON SP57 SIZE 14352K,
    OVERFLOW ON SP57 SIZE 501K;

CREATE DSI NEWORDER_115_DSI
  DSO NEWORDER_DSO
  USING(1255,1265)
  ALLOCATE PRIME ON SP58 SIZE 14352K,
    OVERFLOW ON SP58 SIZE 501K;

CREATE DSI NEWORDER_116_DSI
  DSO NEWORDER_DSO
  USING(1266,1276)
  ALLOCATE PRIME ON SP58 SIZE 14352K,
    OVERFLOW ON SP58 SIZE 501K;

CREATE DSI NEWORDER_117_DSI
  DSO NEWORDER_DSO
  USING(1277,1287)
  ALLOCATE PRIME ON SP59 SIZE 14352K,
    OVERFLOW ON SP59 SIZE 501K;

CREATE DSI NEWORDER_118_DSI
  DSO NEWORDER_DSO
  USING(1288,1298)
  ALLOCATE PRIME ON SP59 SIZE 14352K,
    OVERFLOW ON SP59 SIZE 501K;

CREATE DSI NEWORDER_119_DSI
  DSO NEWORDER_DSO
  USING(1299,1309)
  ALLOCATE PRIME ON SP60 SIZE 14352K,
    OVERFLOW ON SP60 SIZE 501K;

CREATE DSI NEWORDER_120_DSI
  DSO NEWORDER_DSO
  USING(1310,1320)
  ALLOCATE PRIME ON SP60 SIZE 14352K,
    OVERFLOW ON SP60 SIZE 501K;

CREATE DSI NEWORDER_121_DSI
  DSO NEWORDER_DSO
  USING(1321,1331)
  ALLOCATE PRIME ON SP61 SIZE 14352K,
    OVERFLOW ON SP61 SIZE 501K;

CREATE DSI NEWORDER_122_DSI
  DSO NEWORDER_DSO
  USING(1332,1342)
  ALLOCATE PRIME ON SP61 SIZE 14352K,
    OVERFLOW ON SP61 SIZE 501K;

CREATE DSI NEWORDER_123_DSI
  DSO NEWORDER_DSO
  USING(1343,1353)
  ALLOCATE PRIME ON SP62 SIZE 14352K,
    OVERFLOW ON SP62 SIZE 501K;

CREATE DSI NEWORDER_124_DSI
  DSO NEWORDER_DSO
  USING(1354,1364)
  ALLOCATE PRIME ON SP62 SIZE 14352K,
    OVERFLOW ON SP62 SIZE 501K;

CREATE DSI NEWORDER_125_DSI
  DSO NEWORDER_DSO
  USING(1365,1375)
  ALLOCATE PRIME ON SP63 SIZE 14352K,
    OVERFLOW ON SP63 SIZE 501K;

CREATE DSI NEWORDER_126_DSI
  DSO NEWORDER_DSO
  USING(1376,1386)
  ALLOCATE PRIME ON SP63 SIZE 14352K,
    OVERFLOW ON SP63 SIZE 501K;

CREATE DSI NEWORDER_127_DSI
  DSO NEWORDER_DSO
  USING(1387,1397)
  ALLOCATE PRIME ON SP64 SIZE 14352K,
    OVERFLOW ON SP64 SIZE 501K;

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CREATE DSI NEWORDER_128_DSI
  DSO NEWORDER_DSO
  USING(1398,1408)
  ALLOCATE PRIME ON SP64 SIZE 14352K,
  OVERFLOW ON SP64 SIZE 501K;

CREATE DSI NEWORDER_129_DSI
  DSO NEWORDER_DSO
  USING(1409,1419)
  ALLOCATE PRIME ON SP65 SIZE 14352K,
  OVERFLOW ON SP65 SIZE 501K;

CREATE DSI NEWORDER_130_DSI
  DSO NEWORDER_DSO
  USING(1420,1430)
  ALLOCATE PRIME ON SP65 SIZE 14352K,
  OVERFLOW ON SP65 SIZE 501K;

CREATE DSI NEWORDER_131_DSI
  DSO NEWORDER_DSO
  USING(1431,1441)
  ALLOCATE PRIME ON SP66 SIZE 14352K,
  OVERFLOW ON SP66 SIZE 501K;

CREATE DSI NEWORDER_132_DSI
  DSO NEWORDER_DSO
  USING(1442,1452)
  ALLOCATE PRIME ON SP66 SIZE 14352K,
  OVERFLOW ON SP66 SIZE 501K;

CREATE DSI NEWORDER_133_DSI
  DSO NEWORDER_DSO
  USING(1453,1463)
  ALLOCATE PRIME ON SP67 SIZE 14352K,
  OVERFLOW ON SP67 SIZE 501K;

CREATE DSI NEWORDER_134_DSI
  DSO NEWORDER_DSO
  USING(1464,1474)
  ALLOCATE PRIME ON SP67 SIZE 14352K,
  OVERFLOW ON SP67 SIZE 501K;

CREATE DSI NEWORDER_135_DSI
  DSO NEWORDER_DSO
  USING(1475,1485)
  ALLOCATE PRIME ON SP68 SIZE 14352K,
  OVERFLOW ON SP68 SIZE 501K;

CREATE DSI NEWORDER_136_DSI
  DSO NEWORDER_DSO
  USING(1486,1496)
  ALLOCATE PRIME ON SP68 SIZE 14352K,
  OVERFLOW ON SP68 SIZE 501K;

CREATE DSI NEWORDER_137_DSI
  DSO NEWORDER_DSO
  USING(1497,1507)
  ALLOCATE PRIME ON SP69 SIZE 14352K,
  OVERFLOW ON SP69 SIZE 501K;

CREATE DSI NEWORDER_138_DSI
  DSO NEWORDER_DSO
  USING(1508,1518)
  ALLOCATE PRIME ON SP69 SIZE 14352K,
  OVERFLOW ON SP69 SIZE 501K;

CREATE DSI NEWORDER_139_DSI
  DSO NEWORDER_DSO
  USING(1519,1529)
  ALLOCATE PRIME ON SP70 SIZE 14352K,
  OVERFLOW ON SP70 SIZE 501K;

CREATE DSI NEWORDER_140_DSI
  DSO NEWORDER_DSO
  USING(1530,1540)
  ALLOCATE PRIME ON SP70 SIZE 14352K,
  OVERFLOW ON SP70 SIZE 501K;

CREATE DSI NEWORDER_141_DSI
  DSO NEWORDER_DSO
  USING(1541,1551)
  ALLOCATE PRIME ON SP71 SIZE 14352K,
  OVERFLOW ON SP71 SIZE 501K;

CREATE DSI NEWORDER_142_DSI
  DSO NEWORDER_DSO
  USING(1552,1562)
  ALLOCATE PRIME ON SP71 SIZE 14352K,
  OVERFLOW ON SP71 SIZE 501K;

CREATE DSI NEWORDER_143_DSI
  DSO NEWORDER_DSO
  USING(1563,1573)
  ALLOCATE PRIME ON SP72 SIZE 14352K,
  OVERFLOW ON SP72 SIZE 501K;

CREATE DSI NEWORDER_144_DSI
  DSO NEWORDER_DSO
  USING(1574,1584)
  ALLOCATE PRIME ON SP72 SIZE 14352K,
  OVERFLOW ON SP72 SIZE 501K;

CREATE DSI NEWORDER_145_DSI
  DSO NEWORDER_DSO
  USING(1585,1595)
  ALLOCATE PRIME ON SP73 SIZE 14352K,
  OVERFLOW ON SP73 SIZE 501K;

CREATE DSI NEWORDER_146_DSI
  DSO NEWORDER_DSO
  USING(1596,1606)
  ALLOCATE PRIME ON SP73 SIZE 14352K,
  OVERFLOW ON SP73 SIZE 501K;

CREATE DSI NEWORDER_147_DSI
  DSO NEWORDER_DSO
  USING(1607,1617)
  ALLOCATE PRIME ON SP74 SIZE 14352K,
  OVERFLOW ON SP74 SIZE 501K;

CREATE DSI NEWORDER_148_DSI
  DSO NEWORDER_DSO
  USING(1618,1628)
  ALLOCATE PRIME ON SP74 SIZE 14352K,
  OVERFLOW ON SP74 SIZE 501K;
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CREATE DSI NEWORDER_149_DSI
  DSO NEWORDER_DSO
  USING(1629,1639)
  ALLOCATE PRIME ON SP75 SIZE 14352K,
    OVERFLOW ON SP75 SIZE 501K;

CREATE DSI NEWORDER_150_DSI
  DSO NEWORDER_DSO
  USING(1640,1650)
  ALLOCATE PRIME ON SP75 SIZE 14352K,
    OVERFLOW ON SP75 SIZE 501K;

CREATE DSI NEWORDER_151_DSI
  DSO NEWORDER_DSO
  USING(1651,1661)
  ALLOCATE PRIME ON SP76 SIZE 14352K,
    OVERFLOW ON SP76 SIZE 501K;

CREATE DSI NEWORDER_152_DSI
  DSO NEWORDER_DSO
  USING(1662,1672)
  ALLOCATE PRIME ON SP76 SIZE 14352K,
    OVERFLOW ON SP76 SIZE 501K;

CREATE DSI NEWORDER_153_DSI
  DSO NEWORDER_DSO
  USING(1673,1683)
  ALLOCATE PRIME ON SP77 SIZE 14352K,
    OVERFLOW ON SP77 SIZE 501K;

CREATE DSI NEWORDER_154_DSI
  DSO NEWORDER_DSO
  USING(1684,1694)
  ALLOCATE PRIME ON SP77 SIZE 14352K,
    OVERFLOW ON SP77 SIZE 501K;

CREATE DSI NEWORDER_155_DSI
  DSO NEWORDER_DSO
  USING(1695,1705)
  ALLOCATE PRIME ON SP78 SIZE 14352K,
    OVERFLOW ON SP78 SIZE 501K;

CREATE DSI NEWORDER_156_DSI
  DSO NEWORDER_DSO
  USING(1706,1716)
  ALLOCATE PRIME ON SP78 SIZE 14352K,
    OVERFLOW ON SP78 SIZE 501K;

CREATE DSI NEWORDER_157_DSI
  DSO NEWORDER_DSO
  USING(1717,1727)
  ALLOCATE PRIME ON SP79 SIZE 14352K,
    OVERFLOW ON SP79 SIZE 501K;

CREATE DSI NEWORDER_158_DSI
  DSO NEWORDER_DSO
  USING(1728,1738)
  ALLOCATE PRIME ON SP79 SIZE 14352K,
    OVERFLOW ON SP79 SIZE 501K;

CREATE DSI NEWORDER_159_DSI
  DSO NEWORDER_DSO
  USING(1739,1749)
  ALLOCATE PRIME ON SP80 SIZE 14352K,
    OVERFLOW ON SP80 SIZE 501K;

CREATE DSI NEWORDER_160_DSI
  DSO NEWORDER_DSO
  USING(1750,1760)
  ALLOCATE PRIME ON SP80 SIZE 14352K,
    OVERFLOW ON SP80 SIZE 501K;

CREATE DSI NEWORDER_161_DSI
  DSO NEWORDER_DSO
  USING(1761,1771)
  ALLOCATE PRIME ON SP81 SIZE 14352K,
    OVERFLOW ON SP81 SIZE 501K;

CREATE DSI NEWORDER_162_DSI
  DSO NEWORDER_DSO
  USING(1772,1782)
  ALLOCATE PRIME ON SP81 SIZE 14352K,
    OVERFLOW ON SP81 SIZE 501K;

CREATE DSI NEWORDER_163_DSI
  DSO NEWORDER_DSO
  USING(1783,1793)
  ALLOCATE PRIME ON SP82 SIZE 14352K,
    OVERFLOW ON SP82 SIZE 501K;

CREATE DSI NEWORDER_164_DSI
  DSO NEWORDER_DSO
  USING(1794,1804)
  ALLOCATE PRIME ON SP82 SIZE 14352K,
    OVERFLOW ON SP82 SIZE 501K;

CREATE DSI NEWORDER_165_DSI
  DSO NEWORDER_DSO
  USING(1805,1815)
  ALLOCATE PRIME ON SP83 SIZE 14352K,
    OVERFLOW ON SP83 SIZE 501K;

CREATE DSI NEWORDER_166_DSI
  DSO NEWORDER_DSO
  USING(1816,1826)
  ALLOCATE PRIME ON SP83 SIZE 14352K,
    OVERFLOW ON SP83 SIZE 501K;

CREATE DSI NEWORDER_167_DSI
  DSO NEWORDER_DSO
  USING(1827,1837)
  ALLOCATE PRIME ON SP84 SIZE 14352K,
    OVERFLOW ON SP84 SIZE 501K;

CREATE DSI NEWORDER_168_DSI
  DSO NEWORDER_DSO
  USING(1838,1848)
  ALLOCATE PRIME ON SP84 SIZE 14352K,
    OVERFLOW ON SP84 SIZE 501K;

CREATE DSI NEWORDER_169_DSI
  DSO NEWORDER_DSO
  USING(1849,1859)
  ALLOCATE PRIME ON SP85 SIZE 14352K,
    OVERFLOW ON SP85 SIZE 501K;

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CREATE DSI NEWORDER_170_DSI
  DSO NEWORDER_DSO
  USING(1860,1870)
  ALLOCATE PRIME ON SP85 SIZE 14352K,
    OVERFLOW ON SP85 SIZE 501K;

CREATE DSI NEWORDER_171_DSI
  DSO NEWORDER_DSO
  USING(1871,1881)
  ALLOCATE PRIME ON SP86 SIZE 14352K,
    OVERFLOW ON SP86 SIZE 501K;

CREATE DSI NEWORDER_172_DSI
  DSO NEWORDER_DSO
  USING(1882,1892)
  ALLOCATE PRIME ON SP86 SIZE 14352K,
    OVERFLOW ON SP86 SIZE 501K;

CREATE DSI NEWORDER_173_DSI
  DSO NEWORDER_DSO
  USING(1893,1903)
  ALLOCATE PRIME ON SP87 SIZE 14352K,
    OVERFLOW ON SP87 SIZE 501K;

CREATE DSI NEWORDER_174_DSI
  DSO NEWORDER_DSO
  USING(1904,1914)
  ALLOCATE PRIME ON SP87 SIZE 14352K,
    OVERFLOW ON SP87 SIZE 501K;

CREATE DSI NEWORDER_175_DSI
  DSO NEWORDER_DSO
  USING(1915,1925)
  ALLOCATE PRIME ON SP88 SIZE 14352K,
    OVERFLOW ON SP88 SIZE 501K;

CREATE DSI NEWORDER_176_DSI
  DSO NEWORDER_DSO
  USING(1926,1936)
  ALLOCATE PRIME ON SP88 SIZE 14352K,
    OVERFLOW ON SP88 SIZE 501K;

CREATE DSI NEWORDER_177_DSI
  DSO NEWORDER_DSO
  USING(1937,1947)
  ALLOCATE PRIME ON SP89 SIZE 14352K,
    OVERFLOW ON SP89 SIZE 501K;

CREATE DSI NEWORDER_178_DSI
  DSO NEWORDER_DSO
  USING(1948,1958)
  ALLOCATE PRIME ON SP89 SIZE 14352K,
    OVERFLOW ON SP89 SIZE 501K;

CREATE DSI NEWORDER_179_DSI
  DSO NEWORDER_DSO
  USING(1959,1969)
  ALLOCATE PRIME ON SP90 SIZE 14352K,
    OVERFLOW ON SP90 SIZE 501K;

CREATE DSI NEWORDER_180_DSI
  DSO NEWORDER_DSO
  USING(1970,1980)
  ALLOCATE PRIME ON SP90 SIZE 14352K,
    OVERFLOW ON SP90 SIZE 501K;

CREATE DSI NEWORDER_181_DSI
  DSO NEWORDER_DSO
  USING(1981,1991)
  ALLOCATE PRIME ON SP91 SIZE 14352K,
    OVERFLOW ON SP91 SIZE 501K;

CREATE DSI NEWORDER_182_DSI
  DSO NEWORDER_DSO
  USING(1992,2002)
  ALLOCATE PRIME ON SP91 SIZE 14352K,
    OVERFLOW ON SP91 SIZE 501K;

CREATE DSI NEWORDER_183_DSI
  DSO NEWORDER_DSO
  USING(2003,2013)
  ALLOCATE PRIME ON SP92 SIZE 14352K,
    OVERFLOW ON SP92 SIZE 501K;

CREATE DSI NEWORDER_184_DSI
  DSO NEWORDER_DSO
  USING(2014,2024)
  ALLOCATE PRIME ON SP92 SIZE 14352K,
    OVERFLOW ON SP92 SIZE 501K;

CREATE DSI NEWORDER_185_DSI
  DSO NEWORDER_DSO
  USING(2025,2035)
  ALLOCATE PRIME ON SP93 SIZE 14352K,
    OVERFLOW ON SP93 SIZE 501K;

CREATE DSI NEWORDER_186_DSI
  DSO NEWORDER_DSO
  USING(2036,2046)
  ALLOCATE PRIME ON SP93 SIZE 14352K,
    OVERFLOW ON SP93 SIZE 501K;

CREATE DSI NEWORDER_187_DSI
  DSO NEWORDER_DSO
  USING(2047,2057)
  ALLOCATE PRIME ON SP94 SIZE 14352K,
    OVERFLOW ON SP94 SIZE 501K;

CREATE DSI NEWORDER_188_DSI
  DSO NEWORDER_DSO
  USING(2058,2068)
  ALLOCATE PRIME ON SP94 SIZE 14352K,
    OVERFLOW ON SP94 SIZE 501K;

CREATE DSI NEWORDER_189_DSI
  DSO NEWORDER_DSO
  USING(2069,2079)
  ALLOCATE PRIME ON SP95 SIZE 14352K,
    OVERFLOW ON SP95 SIZE 501K;

CREATE DSI NEWORDER_190_DSI
  DSO NEWORDER_DSO
  USING(2080,2090)
  ALLOCATE PRIME ON SP95 SIZE 14352K,
    OVERFLOW ON SP95 SIZE 501K;
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CREATE DSI NEWORDER_191_DSI
  DSO NEWORDER_DSO
  USING(2091,2101)
  ALLOCATE PRIME ON SP96 SIZE 14352K,
    OVERFLOW ON SP96 SIZE 501K;

CREATE DSI NEWORDER_192_DSI
  DSO NEWORDER_DSO
  USING(2102,2112)
  ALLOCATE PRIME ON SP96 SIZE 14352K,
    OVERFLOW ON SP96 SIZE 501K;

CREATE DSI NEWORDER_193_DSI
  DSO NEWORDER_DSO
  USING(2113,2123)
  ALLOCATE PRIME ON SP97 SIZE 14352K,
    OVERFLOW ON SP97 SIZE 501K;

CREATE DSI NEWORDER_194_DSI
  DSO NEWORDER_DSO
  USING(2124,2134)
  ALLOCATE PRIME ON SP97 SIZE 14352K,
    OVERFLOW ON SP97 SIZE 501K;

CREATE DSI NEWORDER_195_DSI
  DSO NEWORDER_DSO
  USING(2135,2145)
  ALLOCATE PRIME ON SP98 SIZE 14352K,
    OVERFLOW ON SP98 SIZE 501K;

CREATE DSI NEWORDER_196_DSI
  DSO NEWORDER_DSO
  USING(2146,2156)
  ALLOCATE PRIME ON SP98 SIZE 14352K,
    OVERFLOW ON SP98 SIZE 501K;

CREATE DSI NEWORDER_197_DSI
  DSO NEWORDER_DSO
  USING(2157,2167)
  ALLOCATE PRIME ON SP99 SIZE 14352K,
    OVERFLOW ON SP99 SIZE 501K;

CREATE DSI NEWORDER_198_DSI
  DSO NEWORDER_DSO
  USING(2168,2178)
  ALLOCATE PRIME ON SP99 SIZE 14352K,
    OVERFLOW ON SP99 SIZE 501K;

CREATE DSI NEWORDER_199_DSI
  DSO NEWORDER_DSO
  USING(2179,2189)
  ALLOCATE PRIME ON SP100 SIZE 14352K,
    OVERFLOW ON SP100 SIZE 501K;

CREATE DSI NEWORDER_200_DSI
  DSO NEWORDER_DSO
  USING(2190,2200)
  ALLOCATE PRIME ON SP100 SIZE 14352K,
    OVERFLOW ON SP100 SIZE 501K;

CREATE DSI NEWORDER_201_DSI
  DSO NEWORDER_DSO
  USING(2201,2211)
  ALLOCATE PRIME ON SP101 SIZE 14352K,
    OVERFLOW ON SP101 SIZE 501K;

CREATE DSI NEWORDER_202_DSI
  DSO NEWORDER_DSO
  USING(2212,2222)
  ALLOCATE PRIME ON SP101 SIZE 14352K,
    OVERFLOW ON SP101 SIZE 501K;

CREATE DSI NEWORDER_203_DSI
  DSO NEWORDER_DSO
  USING(2223,2233)
  ALLOCATE PRIME ON SP102 SIZE 14352K,
    OVERFLOW ON SP102 SIZE 501K;

CREATE DSI NEWORDER_204_DSI
  DSO NEWORDER_DSO
  USING(2234,2244)
  ALLOCATE PRIME ON SP102 SIZE 14352K,
    OVERFLOW ON SP102 SIZE 501K;

CREATE DSI NEWORDER_205_DSI
  DSO NEWORDER_DSO
  USING(2245,2255)
  ALLOCATE PRIME ON SP103 SIZE 14352K,
    OVERFLOW ON SP103 SIZE 501K;

CREATE DSI NEWORDER_206_DSI
  DSO NEWORDER_DSO
  USING(2256,2266)
  ALLOCATE PRIME ON SP103 SIZE 14352K,
    OVERFLOW ON SP103 SIZE 501K;

CREATE DSI NEWORDER_207_DSI
  DSO NEWORDER_DSO
  USING(2267,2277)
  ALLOCATE PRIME ON SP104 SIZE 14352K,
    OVERFLOW ON SP104 SIZE 501K;

CREATE DSI NEWORDER_208_DSI
  DSO NEWORDER_DSO
  USING(2278,2288)
  ALLOCATE PRIME ON SP104 SIZE 14352K,
    OVERFLOW ON SP104 SIZE 501K;

CREATE DSI NEWORDER_209_DSI
  DSO NEWORDER_DSO
  USING(2289,2299)
  ALLOCATE PRIME ON SP105 SIZE 14352K,
    OVERFLOW ON SP105 SIZE 501K;

CREATE DSI NEWORDER_210_DSI
  DSO NEWORDER_DSO
  USING(2300,2310)
  ALLOCATE PRIME ON SP105 SIZE 14352K,
    OVERFLOW ON SP105 SIZE 501K;

CREATE DSI NEWORDER_211_DSI
  DSO NEWORDER_DSO
  USING(2311,2321)
  ALLOCATE PRIME ON SP106 SIZE 14352K,
    OVERFLOW ON SP106 SIZE 501K;

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CREATE DSI NEWORDER_212_DSI
  DSO NEWORDER_DSO
  USING(2322,2332)
  ALLOCATE PRIME ON SP106 SIZE 14352K,
    OVERFLOW ON SP106 SIZE 501K;

CREATE DSI NEWORDER_213_DSI
  DSO NEWORDER_DSO
  USING(2333,2343)
  ALLOCATE PRIME ON SP107 SIZE 14352K,
    OVERFLOW ON SP107 SIZE 501K;

CREATE DSI NEWORDER_214_DSI
  DSO NEWORDER_DSO
  USING(2344,2354)
  ALLOCATE PRIME ON SP107 SIZE 14352K,
    OVERFLOW ON SP107 SIZE 501K;

CREATE DSI NEWORDER_215_DSI
  DSO NEWORDER_DSO
  USING(2355,2365)
  ALLOCATE PRIME ON SP108 SIZE 14352K,
    OVERFLOW ON SP108 SIZE 501K;

CREATE DSI NEWORDER_216_DSI
  DSO NEWORDER_DSO
  USING(2366,2376)
  ALLOCATE PRIME ON SP108 SIZE 14352K,
    OVERFLOW ON SP108 SIZE 501K;

CREATE DSI NEWORDER_217_DSI
  DSO NEWORDER_DSO
  USING(2377,2387)
  ALLOCATE PRIME ON SP109 SIZE 14352K,
    OVERFLOW ON SP109 SIZE 501K;

CREATE DSI NEWORDER_218_DSI
  DSO NEWORDER_DSO
  USING(2388,2398)
  ALLOCATE PRIME ON SP109 SIZE 14352K,
    OVERFLOW ON SP109 SIZE 501K;

CREATE DSI NEWORDER_219_DSI
  DSO NEWORDER_DSO
  USING(2399,2409)
  ALLOCATE PRIME ON SP110 SIZE 14352K,
    OVERFLOW ON SP110 SIZE 501K;

CREATE DSI NEWORDER_220_DSI
  DSO NEWORDER_DSO
  USING(2410,2420)
  ALLOCATE PRIME ON SP110 SIZE 14352K,
    OVERFLOW ON SP110 SIZE 501K;

CREATE DSI NEWORDER_221_DSI
  DSO NEWORDER_DSO
  USING(2421,2431)
  ALLOCATE PRIME ON SP111 SIZE 14352K,
    OVERFLOW ON SP111 SIZE 501K;

CREATE DSI NEWORDER_222_DSI
  DSO NEWORDER_DSO
  USING(2432,2442)
  ALLOCATE PRIME ON SP111 SIZE 14352K,
    OVERFLOW ON SP111 SIZE 501K;

CREATE DSI NEWORDER_223_DSI
  DSO NEWORDER_DSO
  USING(2443,2453)
  ALLOCATE PRIME ON SP112 SIZE 14352K,
    OVERFLOW ON SP112 SIZE 501K;

CREATE DSI NEWORDER_224_DSI
  DSO NEWORDER_DSO
  USING(2454,2464)
  ALLOCATE PRIME ON SP112 SIZE 14352K,
    OVERFLOW ON SP112 SIZE 501K;

CREATE DSI NEWORDER_225_DSI
  DSO NEWORDER_DSO
  USING(2465,2475)
  ALLOCATE PRIME ON SP113 SIZE 14352K,
    OVERFLOW ON SP113 SIZE 501K;

CREATE DSI NEWORDER_226_DSI
  DSO NEWORDER_DSO
  USING(2476,2486)
  ALLOCATE PRIME ON SP113 SIZE 14352K,
    OVERFLOW ON SP113 SIZE 501K;

CREATE DSI NEWORDER_227_DSI
  DSO NEWORDER_DSO
  USING(2487,2497)
  ALLOCATE PRIME ON SP114 SIZE 14352K,
    OVERFLOW ON SP114 SIZE 501K;

CREATE DSI NEWORDER_228_DSI
  DSO NEWORDER_DSO
  USING(2498,2508)
  ALLOCATE PRIME ON SP114 SIZE 14352K,
    OVERFLOW ON SP114 SIZE 501K;

CREATE DSI NEWORDER_229_DSI
  DSO NEWORDER_DSO
  USING(2509,2519)
  ALLOCATE PRIME ON SP115 SIZE 14352K,
    OVERFLOW ON SP115 SIZE 501K;

CREATE DSI NEWORDER_230_DSI
  DSO NEWORDER_DSO
  USING(2520,2530)
  ALLOCATE PRIME ON SP115 SIZE 14352K,
    OVERFLOW ON SP115 SIZE 501K;

CREATE DSI NEWORDER_231_DSI
  DSO NEWORDER_DSO
  USING(2531,2541)
  ALLOCATE PRIME ON SP116 SIZE 14352K,
    OVERFLOW ON SP116 SIZE 501K;

CREATE DSI NEWORDER_232_DSI
  DSO NEWORDER_DSO
  USING(2542,2552)
  ALLOCATE PRIME ON SP116 SIZE 14352K,
    OVERFLOW ON SP116 SIZE 501K;

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CREATE DSI NEWORDER_233_DSI
  DSO NEWORDER_DSO
  USING(2553,2563)
  ALLOCATE PRIME ON SP117 SIZE 14352K,
    OVERFLOW ON SP117 SIZE 501K;

CREATE DSI NEWORDER_234_DSI
  DSO NEWORDER_DSO
  USING(2564,2574)
  ALLOCATE PRIME ON SP117 SIZE 14352K,
    OVERFLOW ON SP117 SIZE 501K;

CREATE DSI NEWORDER_235_DSI
  DSO NEWORDER_DSO
  USING(2575,2585)
  ALLOCATE PRIME ON SP118 SIZE 14352K,
    OVERFLOW ON SP118 SIZE 501K;

CREATE DSI NEWORDER_236_DSI
  DSO NEWORDER_DSO
  USING(2586,2596)
  ALLOCATE PRIME ON SP118 SIZE 14352K,
    OVERFLOW ON SP118 SIZE 501K;

CREATE DSI NEWORDER_237_DSI
  DSO NEWORDER_DSO
  USING(2597,2607)
  ALLOCATE PRIME ON SP119 SIZE 14352K,
    OVERFLOW ON SP119 SIZE 501K;

CREATE DSI NEWORDER_238_DSI
  DSO NEWORDER_DSO
  USING(2608,2618)
  ALLOCATE PRIME ON SP119 SIZE 14352K,
    OVERFLOW ON SP119 SIZE 501K;

CREATE DSI NEWORDER_239_DSI
  DSO NEWORDER_DSO
  USING(2619,2629)
  ALLOCATE PRIME ON SP120 SIZE 14352K,
    OVERFLOW ON SP120 SIZE 501K;

CREATE DSI NEWORDER_240_DSI
  DSO NEWORDER_DSO
  USING(2630,2640)
  ALLOCATE PRIME ON SP120 SIZE 14352K,
    OVERFLOW ON SP120 SIZE 501K;

CREATE DSI NEWORDER_241_DSI
  DSO NEWORDER_DSO
  USING(2641,2651)
  ALLOCATE PRIME ON SP121 SIZE 14352K,
    OVERFLOW ON SP121 SIZE 501K;

CREATE DSI NEWORDER_242_DSI
  DSO NEWORDER_DSO
  USING(2652,2662)
  ALLOCATE PRIME ON SP121 SIZE 14352K,
    OVERFLOW ON SP121 SIZE 501K;

CREATE DSI NEWORDER_243_DSI
  DSO NEWORDER_DSO
  USING(2663,2673)
  ALLOCATE PRIME ON SP122 SIZE 14352K,
    OVERFLOW ON SP122 SIZE 501K;

CREATE DSI NEWORDER_244_DSI
  DSO NEWORDER_DSO
  USING(2674,2684)
  ALLOCATE PRIME ON SP122 SIZE 14352K,
    OVERFLOW ON SP122 SIZE 501K;

CREATE DSI NEWORDER_245_DSI
  DSO NEWORDER_DSO
  USING(2685,2695)
  ALLOCATE PRIME ON SP123 SIZE 14352K,
    OVERFLOW ON SP123 SIZE 501K;

CREATE DSI NEWORDER_246_DSI
  DSO NEWORDER_DSO
  USING(2696,2706)
  ALLOCATE PRIME ON SP123 SIZE 14352K,
    OVERFLOW ON SP123 SIZE 501K;

CREATE DSI NEWORDER_247_DSI
  DSO NEWORDER_DSO
  USING(2707,2717)
  ALLOCATE PRIME ON SP124 SIZE 14352K,
    OVERFLOW ON SP124 SIZE 501K;

CREATE DSI NEWORDER_248_DSI
  DSO NEWORDER_DSO
  USING(2718,2728)
  ALLOCATE PRIME ON SP124 SIZE 14352K,
    OVERFLOW ON SP124 SIZE 501K;

CREATE DSI NEWORDER_249_DSI
  DSO NEWORDER_DSO
  USING(2729,2739)
  ALLOCATE PRIME ON SP125 SIZE 14352K,
    OVERFLOW ON SP125 SIZE 501K;

CREATE DSI NEWORDER_250_DSI
  DSO NEWORDER_DSO
  USING(2740,2750)
  ALLOCATE PRIME ON SP125 SIZE 14352K,
    OVERFLOW ON SP125 SIZE 501K;

CREATE DSI NEWORDER_251_DSI
  DSO NEWORDER_DSO
  USING(2751,2761)
  ALLOCATE PRIME ON SP126 SIZE 14352K,
    OVERFLOW ON SP126 SIZE 501K;

CREATE DSI NEWORDER_252_DSI
  DSO NEWORDER_DSO
  USING(2762,2772)
  ALLOCATE PRIME ON SP126 SIZE 14352K,
    OVERFLOW ON SP126 SIZE 501K;

CREATE DSI NEWORDER_253_DSI
  DSO NEWORDER_DSO
  USING(2773,2783)
  ALLOCATE PRIME ON SP127 SIZE 14352K,
    OVERFLOW ON SP127 SIZE 501K;

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CREATE DSI NEWORDER_254_DSI
  DSO NEWORDER_DSO
  USING(2784,2794)
  ALLOCATE PRIME ON SP127 SIZE 14352K,
    OVERFLOW ON SP127 SIZE 501K;

CREATE DSI NEWORDER_255_DSI
  DSO NEWORDER_DSO
  USING(2795,2805)
  ALLOCATE PRIME ON SP128 SIZE 14352K,
    OVERFLOW ON SP128 SIZE 501K;

CREATE DSI NEWORDER_256_DSI
  DSO NEWORDER_DSO
  USING(2806,2816)
  ALLOCATE PRIME ON SP128 SIZE 14352K,
    OVERFLOW ON SP128 SIZE 501K;

CREATE DSI NEWORDER_257_DSI
  DSO NEWORDER_DSO
  USING(2817,2827)
  ALLOCATE PRIME ON SP129 SIZE 14352K,
    OVERFLOW ON SP129 SIZE 501K;

CREATE DSI NEWORDER_258_DSI
  DSO NEWORDER_DSO
  USING(2828,2838)
  ALLOCATE PRIME ON SP129 SIZE 14352K,
    OVERFLOW ON SP129 SIZE 501K;

CREATE DSI NEWORDER_259_DSI
  DSO NEWORDER_DSO
  USING(2839,2849)
  ALLOCATE PRIME ON SP130 SIZE 14352K,
    OVERFLOW ON SP130 SIZE 501K;

CREATE DSI NEWORDER_260_DSI
  DSO NEWORDER_DSO
  USING(2850,2860)
  ALLOCATE PRIME ON SP130 SIZE 14352K,
    OVERFLOW ON SP130 SIZE 501K;

CREATE DSI NEWORDER_261_DSI
  DSO NEWORDER_DSO
  USING(2861,2871)
  ALLOCATE PRIME ON SP131 SIZE 14352K,
    OVERFLOW ON SP131 SIZE 501K;

CREATE DSI NEWORDER_262_DSI
  DSO NEWORDER_DSO
  USING(2872,2882)
  ALLOCATE PRIME ON SP131 SIZE 14352K,
    OVERFLOW ON SP131 SIZE 501K;

CREATE DSI NEWORDER_263_DSI
  DSO NEWORDER_DSO
  USING(2883,2893)
  ALLOCATE PRIME ON SP132 SIZE 14352K,
    OVERFLOW ON SP132 SIZE 501K;

CREATE DSI NEWORDER_264_DSI
  DSO NEWORDER_DSO
  USING(2894,2904)
  ALLOCATE PRIME ON SP132 SIZE 14352K,
    OVERFLOW ON SP132 SIZE 501K;

CREATE DSI NEWORDER_265_DSI
  DSO NEWORDER_DSO
  USING(2905,2915)
  ALLOCATE PRIME ON SP133 SIZE 14352K,
    OVERFLOW ON SP133 SIZE 501K;

CREATE DSI NEWORDER_266_DSI
  DSO NEWORDER_DSO
  USING(2916,2926)
  ALLOCATE PRIME ON SP133 SIZE 14352K,
    OVERFLOW ON SP133 SIZE 501K;

CREATE DSI NEWORDER_267_DSI
  DSO NEWORDER_DSO
  USING(2927,2937)
  ALLOCATE PRIME ON SP134 SIZE 14352K,
    OVERFLOW ON SP134 SIZE 501K;

CREATE DSI NEWORDER_268_DSI
  DSO NEWORDER_DSO
  USING(2938,2948)
  ALLOCATE PRIME ON SP134 SIZE 14352K,
    OVERFLOW ON SP134 SIZE 501K;

CREATE DSI NEWORDER_269_DSI
  DSO NEWORDER_DSO
  USING(2949,2959)
  ALLOCATE PRIME ON SP135 SIZE 14352K,
    OVERFLOW ON SP135 SIZE 501K;

CREATE DSI NEWORDER_270_DSI
  DSO NEWORDER_DSO
  USING(2960,2970)
  ALLOCATE PRIME ON SP135 SIZE 14352K,
    OVERFLOW ON SP135 SIZE 501K;

CREATE DSI NEWORDER_271_DSI
  DSO NEWORDER_DSO
  USING(2971,2981)
  ALLOCATE PRIME ON SP136 SIZE 14352K,
    OVERFLOW ON SP136 SIZE 501K;

CREATE DSI NEWORDER_272_DSI
  DSO NEWORDER_DSO
  USING(2982,2992)
  ALLOCATE PRIME ON SP136 SIZE 14352K,
    OVERFLOW ON SP136 SIZE 501K;

CREATE DSI NEWORDER_273_DSI
  DSO NEWORDER_DSO
  USING(2993,3003)
  ALLOCATE PRIME ON SP137 SIZE 14352K,
    OVERFLOW ON SP137 SIZE 501K;

CREATE DSI NEWORDER_274_DSI
  DSO NEWORDER_DSO
  USING(3004,3014)
  ALLOCATE PRIME ON SP137 SIZE 14352K,
    OVERFLOW ON SP137 SIZE 501K;

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CREATE DSI NEWORDER_275_DSI
  DSO NEWORDER_DSO
  USING(3015,3025)
  ALLOCATE PRIME ON SP138 SIZE 14352K,
    OVERFLOW ON SP138 SIZE 501K;

CREATE DSI NEWORDER_276_DSI
  DSO NEWORDER_DSO
  USING(3026,3036)
  ALLOCATE PRIME ON SP138 SIZE 14352K,
    OVERFLOW ON SP138 SIZE 501K;

CREATE DSI NEWORDER_277_DSI
  DSO NEWORDER_DSO
  USING(3037,3047)
  ALLOCATE PRIME ON SP139 SIZE 14352K,
    OVERFLOW ON SP139 SIZE 501K;

CREATE DSI NEWORDER_278_DSI
  DSO NEWORDER_DSO
  USING(3048,3058)
  ALLOCATE PRIME ON SP139 SIZE 14352K,
    OVERFLOW ON SP139 SIZE 501K;

CREATE DSI NEWORDER_279_DSI
  DSO NEWORDER_DSO
  USING(3059,3069)
  ALLOCATE PRIME ON SP140 SIZE 14352K,
    OVERFLOW ON SP140 SIZE 501K;

CREATE DSI NEWORDER_280_DSI
  DSO NEWORDER_DSO
  USING(3070,3080)
  ALLOCATE PRIME ON SP140 SIZE 14352K,
    OVERFLOW ON SP140 SIZE 501K;

CREATE DSI NEWORDER_281_DSI
  DSO NEWORDER_DSO
  USING(3081,3091)
  ALLOCATE PRIME ON SP141 SIZE 14352K,
    OVERFLOW ON SP141 SIZE 501K;

CREATE DSI NEWORDER_282_DSI
  DSO NEWORDER_DSO
  USING(3092,3102)
  ALLOCATE PRIME ON SP141 SIZE 14352K,
    OVERFLOW ON SP141 SIZE 501K;

CREATE DSI NEWORDER_283_DSI
  DSO NEWORDER_DSO
  USING(3103,3113)
  ALLOCATE PRIME ON SP142 SIZE 14352K,
    OVERFLOW ON SP142 SIZE 501K;

CREATE DSI NEWORDER_284_DSI
  DSO NEWORDER_DSO
  USING(3114,3124)
  ALLOCATE PRIME ON SP142 SIZE 14352K,
    OVERFLOW ON SP142 SIZE 501K;

CREATE DSI NEWORDER_285_DSI
  DSO NEWORDER_DSO
  USING(3125,3135)
  ALLOCATE PRIME ON SP143 SIZE 14352K,
    OVERFLOW ON SP143 SIZE 501K;

CREATE DSI NEWORDER_286_DSI
  DSO NEWORDER_DSO
  USING(3136,3146)
  ALLOCATE PRIME ON SP143 SIZE 14352K,
    OVERFLOW ON SP143 SIZE 501K;

CREATE DSI NEWORDER_287_DSI
  DSO NEWORDER_DSO
  USING(3147,3157)
  ALLOCATE PRIME ON SP144 SIZE 14352K,
    OVERFLOW ON SP144 SIZE 501K;

CREATE DSI NEWORDER_288_DSI
  DSO NEWORDER_DSO
  USING(3158,3168)
  ALLOCATE PRIME ON SP144 SIZE 14352K,
    OVERFLOW ON SP144 SIZE 501K;

CREATE DSI NEWORDER_289_DSI
  DSO NEWORDER_DSO
  USING(3169,3179)
  ALLOCATE PRIME ON SP145 SIZE 14352K,
    OVERFLOW ON SP145 SIZE 501K;

CREATE DSI NEWORDER_290_DSI
  DSO NEWORDER_DSO
  USING(3180,3190)
  ALLOCATE PRIME ON SP145 SIZE 14352K,
    OVERFLOW ON SP145 SIZE 501K;

CREATE DSI NEWORDER_291_DSI
  DSO NEWORDER_DSO
  USING(3191,3201)
  ALLOCATE PRIME ON SP146 SIZE 14352K,
    OVERFLOW ON SP146 SIZE 501K;

CREATE DSI NEWORDER_292_DSI
  DSO NEWORDER_DSO
  USING(3202,3212)
  ALLOCATE PRIME ON SP146 SIZE 14352K,
    OVERFLOW ON SP146 SIZE 501K;

CREATE DSI NEWORDER_293_DSI
  DSO NEWORDER_DSO
  USING(3213,3223)
  ALLOCATE PRIME ON SP147 SIZE 14352K,
    OVERFLOW ON SP147 SIZE 501K;

CREATE DSI NEWORDER_294_DSI
  DSO NEWORDER_DSO
  USING(3224,3234)
  ALLOCATE PRIME ON SP147 SIZE 14352K,
    OVERFLOW ON SP147 SIZE 501K;

CREATE DSI NEWORDER_295_DSI
  DSO NEWORDER_DSO
  USING(3235,3245)
  ALLOCATE PRIME ON SP148 SIZE 14352K,
    OVERFLOW ON SP148 SIZE 501K;

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CREATE DSI NEWORDER_296_DSI
  DSO NEWORDER_DSO
  USING(3246,3256)
  ALLOCATE PRIME ON SP148 SIZE 14352K,
    OVERFLOW ON SP148 SIZE 501K;

CREATE DSI NEWORDER_297_DSI
  DSO NEWORDER_DSO
  USING(3257,3267)
  ALLOCATE PRIME ON SP149 SIZE 14352K,
    OVERFLOW ON SP149 SIZE 501K;

CREATE DSI NEWORDER_298_DSI
  DSO NEWORDER_DSO
  USING(3268,3278)
  ALLOCATE PRIME ON SP149 SIZE 14352K,
    OVERFLOW ON SP149 SIZE 501K;

CREATE DSI NEWORDER_299_DSI
  DSO NEWORDER_DSO
  USING(3279,3289)
  ALLOCATE PRIME ON SP150 SIZE 14352K,
    OVERFLOW ON SP150 SIZE 501K;

CREATE DSI NEWORDER_300_DSI
  DSO NEWORDER_DSO
  USING(3290,3300)
  ALLOCATE PRIME ON SP150 SIZE 14352K,
    OVERFLOW ON SP150 SIZE 501K;

CREATE DSI NEWORDER_301_DSI
  DSO NEWORDER_DSO
  USING(3301,3311)
  ALLOCATE PRIME ON SP151 SIZE 14352K,
    OVERFLOW ON SP151 SIZE 501K;

CREATE DSI NEWORDER_302_DSI
  DSO NEWORDER_DSO
  USING(3312,3322)
  ALLOCATE PRIME ON SP151 SIZE 14352K,
    OVERFLOW ON SP151 SIZE 501K;

CREATE DSI NEWORDER_303_DSI
  DSO NEWORDER_DSO
  USING(3323,3333)
  ALLOCATE PRIME ON SP152 SIZE 14352K,
    OVERFLOW ON SP152 SIZE 501K;

CREATE DSI NEWORDER_304_DSI
  DSO NEWORDER_DSO
  USING(3334,3344)
  ALLOCATE PRIME ON SP152 SIZE 14352K,
    OVERFLOW ON SP152 SIZE 501K;

CREATE DSI NEWORDER_305_DSI
  DSO NEWORDER_DSO
  USING(3345,3355)
  ALLOCATE PRIME ON SP153 SIZE 14352K,
    OVERFLOW ON SP153 SIZE 501K;

CREATE DSI NEWORDER_306_DSI
  DSO NEWORDER_DSO
  USING(3356,3366)
  ALLOCATE PRIME ON SP153 SIZE 14352K,
    OVERFLOW ON SP153 SIZE 501K;

CREATE DSI NEWORDER_307_DSI
  DSO NEWORDER_DSO
  USING(3367,3377)
  ALLOCATE PRIME ON SP154 SIZE 14352K,
    OVERFLOW ON SP154 SIZE 501K;

CREATE DSI NEWORDER_308_DSI
  DSO NEWORDER_DSO
  USING(3378,3388)
  ALLOCATE PRIME ON SP154 SIZE 14352K,
    OVERFLOW ON SP154 SIZE 501K;

CREATE DSI NEWORDER_309_DSI
  DSO NEWORDER_DSO
  USING(3389,3399)
  ALLOCATE PRIME ON SP155 SIZE 14352K,
    OVERFLOW ON SP155 SIZE 501K;

CREATE DSI NEWORDER_310_DSI
  DSO NEWORDER_DSO
  USING(3400,3410)
  ALLOCATE PRIME ON SP155 SIZE 14352K,
    OVERFLOW ON SP155 SIZE 501K;

CREATE DSI NEWORDER_311_DSI
  DSO NEWORDER_DSO
  USING(3411,3421)
  ALLOCATE PRIME ON SP156 SIZE 14352K,
    OVERFLOW ON SP156 SIZE 501K;

CREATE DSI NEWORDER_312_DSI
  DSO NEWORDER_DSO
  USING(3422,3432)
  ALLOCATE PRIME ON SP156 SIZE 14352K,
    OVERFLOW ON SP156 SIZE 501K;

CREATE DSI NEWORDER_313_DSI
  DSO NEWORDER_DSO
  USING(3433,3443)
  ALLOCATE PRIME ON SP157 SIZE 14352K,
    OVERFLOW ON SP157 SIZE 501K;

CREATE DSI NEWORDER_314_DSI
  DSO NEWORDER_DSO
  USING(3444,3454)
  ALLOCATE PRIME ON SP157 SIZE 14352K,
    OVERFLOW ON SP157 SIZE 501K;

CREATE DSI NEWORDER_315_DSI
  DSO NEWORDER_DSO
  USING(3455,3465)
  ALLOCATE PRIME ON SP158 SIZE 14352K,
    OVERFLOW ON SP158 SIZE 501K;

CREATE DSI NEWORDER_316_DSI
  DSO NEWORDER_DSO
  USING(3466,3476)
  ALLOCATE PRIME ON SP158 SIZE 14352K,
    OVERFLOW ON SP158 SIZE 501K;
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CREATE DSI NEWORDER_317_DSI
  DSO NEWORDER_DSO
  USING(3477,3487)
  ALLOCATE PRIME ON SP159 SIZE 14352K,
    OVERFLOW ON SP159 SIZE 501K;

CREATE DSI NEWORDER_318_DSI
  DSO NEWORDER_DSO
  USING(3488,3498)
  ALLOCATE PRIME ON SP159 SIZE 14352K,
    OVERFLOW ON SP159 SIZE 501K;

CREATE DSI NEWORDER_319_DSI
  DSO NEWORDER_DSO
  USING(3499,3509)
  ALLOCATE PRIME ON SP160 SIZE 14352K,
    OVERFLOW ON SP160 SIZE 501K;

CREATE DSI NEWORDER_320_DSI
  DSO NEWORDER_DSO
  USING(3510,3520)
  ALLOCATE PRIME ON SP160 SIZE 14352K,
    OVERFLOW ON SP160 SIZE 501K;

CREATE DSI NEWORDER_321_DSI
  DSO NEWORDER_DSO
  USING(3521,3531)
  ALLOCATE PRIME ON SP161 SIZE 14352K,
    OVERFLOW ON SP161 SIZE 501K;

CREATE DSI NEWORDER_322_DSI
  DSO NEWORDER_DSO
  USING(3532,3542)
  ALLOCATE PRIME ON SP161 SIZE 14352K,
    OVERFLOW ON SP161 SIZE 501K;

CREATE DSI NEWORDER_323_DSI
  DSO NEWORDER_DSO
  USING(3543,3553)
  ALLOCATE PRIME ON SP162 SIZE 14352K,
    OVERFLOW ON SP162 SIZE 501K;

CREATE DSI NEWORDER_324_DSI
  DSO NEWORDER_DSO
  USING(3554,3564)
  ALLOCATE PRIME ON SP162 SIZE 14352K,
    OVERFLOW ON SP162 SIZE 501K;

CREATE DSI NEWORDER_325_DSI
  DSO NEWORDER_DSO
  USING(3565,3575)
  ALLOCATE PRIME ON SP163 SIZE 14352K,
    OVERFLOW ON SP163 SIZE 501K;

CREATE DSI NEWORDER_326_DSI
  DSO NEWORDER_DSO
  USING(3576,3586)
  ALLOCATE PRIME ON SP163 SIZE 14352K,
    OVERFLOW ON SP163 SIZE 501K;

CREATE DSI NEWORDER_327_DSI
  DSO NEWORDER_DSO
  USING(3587,3597)
  ALLOCATE PRIME ON SP164 SIZE 14352K,
    OVERFLOW ON SP164 SIZE 501K;

CREATE DSI NEWORDER_328_DSI
  DSO NEWORDER_DSO
  USING(3598,3608)
  ALLOCATE PRIME ON SP164 SIZE 14352K,
    OVERFLOW ON SP164 SIZE 501K;

CREATE DSI NEWORDER_329_DSI
  DSO NEWORDER_DSO
  USING(3609,3619)
  ALLOCATE PRIME ON SP165 SIZE 14352K,
    OVERFLOW ON SP165 SIZE 501K;

CREATE DSI NEWORDER_330_DSI
  DSO NEWORDER_DSO
  USING(3620,3630)
  ALLOCATE PRIME ON SP165 SIZE 14352K,
    OVERFLOW ON SP165 SIZE 501K;

CREATE DSI NEWORDER_331_DSI
  DSO NEWORDER_DSO
  USING(3631,3641)
  ALLOCATE PRIME ON SP166 SIZE 14352K,
    OVERFLOW ON SP166 SIZE 501K;

CREATE DSI NEWORDER_332_DSI
  DSO NEWORDER_DSO
  USING(3642,3652)
  ALLOCATE PRIME ON SP166 SIZE 14352K,
    OVERFLOW ON SP166 SIZE 501K;

CREATE DSI NEWORDER_333_DSI
  DSO NEWORDER_DSO
  USING(3653,3663)
  ALLOCATE PRIME ON SP167 SIZE 14352K,
    OVERFLOW ON SP167 SIZE 501K;

CREATE DSI NEWORDER_334_DSI
  DSO NEWORDER_DSO
  USING(3664,3674)
  ALLOCATE PRIME ON SP167 SIZE 14352K,
    OVERFLOW ON SP167 SIZE 501K;

CREATE DSI NEWORDER_335_DSI
  DSO NEWORDER_DSO
  USING(3675,3685)
  ALLOCATE PRIME ON SP168 SIZE 14352K,
    OVERFLOW ON SP168 SIZE 501K;

CREATE DSI NEWORDER_336_DSI
  DSO NEWORDER_DSO
  USING(3686,3696)
  ALLOCATE PRIME ON SP168 SIZE 14352K,
    OVERFLOW ON SP168 SIZE 501K;

CREATE DSI NEWORDER_337_DSI
  DSO NEWORDER_DSO
  USING(3697,3707)
  ALLOCATE PRIME ON SP169 SIZE 14352K,
    OVERFLOW ON SP169 SIZE 501K;

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CREATE DSI NEWORDER_338_DSI
  DSO NEWORDER_DSO
  USING(3708,3718)
  ALLOCATE PRIME ON SP169 SIZE 14352K,
    OVERFLOW ON SP169 SIZE 501K;

CREATE DSI NEWORDER_339_DSI
  DSO NEWORDER_DSO
  USING(3719,3729)
  ALLOCATE PRIME ON SP170 SIZE 14352K,
    OVERFLOW ON SP170 SIZE 501K;

CREATE DSI NEWORDER_340_DSI
  DSO NEWORDER_DSO
  USING(3730,3740)
  ALLOCATE PRIME ON SP170 SIZE 14352K,
    OVERFLOW ON SP170 SIZE 501K;

CREATE DSI NEWORDER_341_DSI
  DSO NEWORDER_DSO
  USING(3741,3751)
  ALLOCATE PRIME ON SP171 SIZE 14352K,
    OVERFLOW ON SP171 SIZE 501K;

CREATE DSI NEWORDER_342_DSI
  DSO NEWORDER_DSO
  USING(3752,3762)
  ALLOCATE PRIME ON SP171 SIZE 14352K,
    OVERFLOW ON SP171 SIZE 501K;

CREATE DSI NEWORDER_343_DSI
  DSO NEWORDER_DSO
  USING(3763,3773)
  ALLOCATE PRIME ON SP172 SIZE 14352K,
    OVERFLOW ON SP172 SIZE 501K;

CREATE DSI NEWORDER_344_DSI
  DSO NEWORDER_DSO
  USING(3774,3784)
  ALLOCATE PRIME ON SP172 SIZE 14352K,
    OVERFLOW ON SP172 SIZE 501K;

CREATE DSI NEWORDER_345_DSI
  DSO NEWORDER_DSO
  USING(3785,3795)
  ALLOCATE PRIME ON SP173 SIZE 14352K,
    OVERFLOW ON SP173 SIZE 501K;

CREATE DSI NEWORDER_346_DSI
  DSO NEWORDER_DSO
  USING(3796,3806)
  ALLOCATE PRIME ON SP173 SIZE 14352K,
    OVERFLOW ON SP173 SIZE 501K;

CREATE DSI NEWORDER_347_DSI
  DSO NEWORDER_DSO
  USING(3807,3817)
  ALLOCATE PRIME ON SP174 SIZE 14352K,
    OVERFLOW ON SP174 SIZE 501K;

CREATE DSI NEWORDER_348_DSI
  DSO NEWORDER_DSO
  USING(3818,3828)
  ALLOCATE PRIME ON SP174 SIZE 14352K,
    OVERFLOW ON SP174 SIZE 501K;

CREATE DSI NEWORDER_349_DSI
  DSO NEWORDER_DSO
  USING(3829,3839)
  ALLOCATE PRIME ON SP175 SIZE 14352K,
    OVERFLOW ON SP175 SIZE 501K;

CREATE DSI NEWORDER_350_DSI
  DSO NEWORDER_DSO
  USING(3840,3850)
  ALLOCATE PRIME ON SP175 SIZE 14352K,
    OVERFLOW ON SP175 SIZE 501K;

CREATE DSI NEWORDER_351_DSI
  DSO NEWORDER_DSO
  USING(3851,3861)
  ALLOCATE PRIME ON SP176 SIZE 14352K,
    OVERFLOW ON SP176 SIZE 501K;

CREATE DSI NEWORDER_352_DSI
  DSO NEWORDER_DSO
  USING(3862,3872)
  ALLOCATE PRIME ON SP176 SIZE 14352K,
    OVERFLOW ON SP176 SIZE 501K;

CREATE DSI NEWORDER_353_DSI
  DSO NEWORDER_DSO
  USING(3873,3883)
  ALLOCATE PRIME ON SP177 SIZE 14352K,
    OVERFLOW ON SP177 SIZE 501K;

CREATE DSI NEWORDER_354_DSI
  DSO NEWORDER_DSO
  USING(3884,3894)
  ALLOCATE PRIME ON SP177 SIZE 14352K,
    OVERFLOW ON SP177 SIZE 501K;

CREATE DSI NEWORDER_355_DSI
  DSO NEWORDER_DSO
  USING(3895,3905)
  ALLOCATE PRIME ON SP178 SIZE 14352K,
    OVERFLOW ON SP178 SIZE 501K;

CREATE DSI NEWORDER_356_DSI
  DSO NEWORDER_DSO
  USING(3906,3916)
  ALLOCATE PRIME ON SP178 SIZE 14352K,
    OVERFLOW ON SP178 SIZE 501K;

CREATE DSI NEWORDER_357_DSI
  DSO NEWORDER_DSO
  USING(3917,3927)
  ALLOCATE PRIME ON SP179 SIZE 14352K,
    OVERFLOW ON SP179 SIZE 501K;

CREATE DSI NEWORDER_358_DSI
  DSO NEWORDER_DSO
  USING(3928,3938)
  ALLOCATE PRIME ON SP179 SIZE 14352K,
    OVERFLOW ON SP179 SIZE 501K;
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CREATE DSI NEWORDER_359_DSI
  DSO NEWORDER_DSO
  USING(3939,3949)
  ALLOCATE PRIME ON SP180 SIZE 14352K,
    OVERFLOW ON SP180 SIZE 501K;

CREATE DSI NEWORDER_360_DSI
  DSO NEWORDER_DSO
  USING(3950,3960)
  ALLOCATE PRIME ON SP180 SIZE 14352K,
    OVERFLOW ON SP180 SIZE 501K;

CREATE DSI NEWORDER_361_DSI
  DSO NEWORDER_DSO
  USING(3961,3971)
  ALLOCATE PRIME ON SP181 SIZE 14352K,
    OVERFLOW ON SP181 SIZE 501K;

CREATE DSI NEWORDER_362_DSI
  DSO NEWORDER_DSO
  USING(3972,3982)
  ALLOCATE PRIME ON SP181 SIZE 14352K,
    OVERFLOW ON SP181 SIZE 501K;

CREATE DSI NEWORDER_363_DSI
  DSO NEWORDER_DSO
  USING(3983,3993)
  ALLOCATE PRIME ON SP182 SIZE 14352K,
    OVERFLOW ON SP182 SIZE 501K;

CREATE DSI NEWORDER_364_DSI
  DSO NEWORDER_DSO
  USING(3994,4004)
  ALLOCATE PRIME ON SP182 SIZE 14352K,
    OVERFLOW ON SP182 SIZE 501K;

CREATE DSI NEWORDER_365_DSI
  DSO NEWORDER_DSO
  USING(4005,4015)
  ALLOCATE PRIME ON SP183 SIZE 14352K,
    OVERFLOW ON SP183 SIZE 501K;

CREATE DSI NEWORDER_366_DSI
  DSO NEWORDER_DSO
  USING(4016,4026)
  ALLOCATE PRIME ON SP183 SIZE 14352K,
    OVERFLOW ON SP183 SIZE 501K;

CREATE DSI NEWORDER_367_DSI
  DSO NEWORDER_DSO
  USING(4027,4037)
  ALLOCATE PRIME ON SP184 SIZE 14352K,
    OVERFLOW ON SP184 SIZE 501K;

CREATE DSI NEWORDER_368_DSI
  DSO NEWORDER_DSO
  USING(4038,4048)
  ALLOCATE PRIME ON SP184 SIZE 14352K,
    OVERFLOW ON SP184 SIZE 501K;

CREATE DSI NEWORDER_369_DSI
  DSO NEWORDER_DSO
  USING(4049,4059)
  ALLOCATE PRIME ON SP185 SIZE 14352K,
    OVERFLOW ON SP185 SIZE 501K;

CREATE DSI NEWORDER_370_DSI
  DSO NEWORDER_DSO
  USING(4060,4070)
  ALLOCATE PRIME ON SP185 SIZE 14352K,
    OVERFLOW ON SP185 SIZE 501K;

CREATE DSI NEWORDER_371_DSI
  DSO NEWORDER_DSO
  USING(4071,4081)
  ALLOCATE PRIME ON SP186 SIZE 14352K,
    OVERFLOW ON SP186 SIZE 501K;

CREATE DSI NEWORDER_372_DSI
  DSO NEWORDER_DSO
  USING(4082,4092)
  ALLOCATE PRIME ON SP186 SIZE 14352K,
    OVERFLOW ON SP186 SIZE 501K;

CREATE DSI NEWORDER_373_DSI
  DSO NEWORDER_DSO
  USING(4093,4103)
  ALLOCATE PRIME ON SP187 SIZE 14352K,
    OVERFLOW ON SP187 SIZE 501K;

CREATE DSI NEWORDER_374_DSI
  DSO NEWORDER_DSO
  USING(4104,4114)
  ALLOCATE PRIME ON SP187 SIZE 14352K,
    OVERFLOW ON SP187 SIZE 501K;

CREATE DSI NEWORDER_375_DSI
  DSO NEWORDER_DSO
  USING(4115,4125)
  ALLOCATE PRIME ON SP188 SIZE 14352K,
    OVERFLOW ON SP188 SIZE 501K;

CREATE DSI NEWORDER_376_DSI
  DSO NEWORDER_DSO
  USING(4126,4136)
  ALLOCATE PRIME ON SP188 SIZE 14352K,
    OVERFLOW ON SP188 SIZE 501K;

CREATE DSI NEWORDER_377_DSI
  DSO NEWORDER_DSO
  USING(4137,4147)
  ALLOCATE PRIME ON SP189 SIZE 14352K,
    OVERFLOW ON SP189 SIZE 501K;

CREATE DSI NEWORDER_378_DSI
  DSO NEWORDER_DSO
  USING(4148,4158)
  ALLOCATE PRIME ON SP189 SIZE 14352K,
    OVERFLOW ON SP189 SIZE 501K;

CREATE DSI NEWORDER_379_DSI
  DSO NEWORDER_DSO
  USING(4159,4169)
  ALLOCATE PRIME ON SP190 SIZE 14352K,
    OVERFLOW ON SP190 SIZE 501K;

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CREATE DSI NEWORDER_380_DSI
  DSO NEWORDER_DSO
  USING(4170,4180)
  ALLOCATE PRIME ON SP190 SIZE 14352K,
    OVERFLOW ON SP190 SIZE 501K;

CREATE DSI NEWORDER_381_DSI
  DSO NEWORDER_DSO
  USING(4181,4191)
  ALLOCATE PRIME ON SP191 SIZE 14352K,
    OVERFLOW ON SP191 SIZE 501K;

CREATE DSI NEWORDER_382_DSI
  DSO NEWORDER_DSO
  USING(4192,4202)
  ALLOCATE PRIME ON SP191 SIZE 14352K,
    OVERFLOW ON SP191 SIZE 501K;

CREATE DSI NEWORDER_383_DSI
  DSO NEWORDER_DSO
  USING(4203,4213)
  ALLOCATE PRIME ON SP192 SIZE 14352K,
    OVERFLOW ON SP192 SIZE 501K;

CREATE DSI NEWORDER_384_DSI
  DSO NEWORDER_DSO
  USING(4214,4224)
  ALLOCATE PRIME ON SP192 SIZE 14352K,
    OVERFLOW ON SP192 SIZE 501K;

CREATE DSI NEWORDER_385_DSI
  DSO NEWORDER_DSO
  USING(4225,4235)
  ALLOCATE PRIME ON SP193 SIZE 14352K,
    OVERFLOW ON SP193 SIZE 501K;

CREATE DSI NEWORDER_386_DSI
  DSO NEWORDER_DSO
  USING(4236,4246)
  ALLOCATE PRIME ON SP193 SIZE 14352K,
    OVERFLOW ON SP193 SIZE 501K;

CREATE DSI NEWORDER_387_DSI
  DSO NEWORDER_DSO
  USING(4247,4257)
  ALLOCATE PRIME ON SP194 SIZE 14352K,
    OVERFLOW ON SP194 SIZE 501K;

CREATE DSI NEWORDER_388_DSI
  DSO NEWORDER_DSO
  USING(4258,4268)
  ALLOCATE PRIME ON SP194 SIZE 14352K,
    OVERFLOW ON SP194 SIZE 501K;

CREATE DSI NEWORDER_389_DSI
  DSO NEWORDER_DSO
  USING(4269,4279)
  ALLOCATE PRIME ON SP195 SIZE 14352K,
    OVERFLOW ON SP195 SIZE 501K;

CREATE DSI NEWORDER_390_DSI
  DSO NEWORDER_DSO
  USING(4280,4290)
  ALLOCATE PRIME ON SP195 SIZE 14352K,
    OVERFLOW ON SP195 SIZE 501K;

CREATE DSI NEWORDER_391_DSI
  DSO NEWORDER_DSO
  USING(4291,4301)
  ALLOCATE PRIME ON SP196 SIZE 14352K,
    OVERFLOW ON SP196 SIZE 501K;

CREATE DSI NEWORDER_392_DSI
  DSO NEWORDER_DSO
  USING(4302,4312)
  ALLOCATE PRIME ON SP196 SIZE 14352K,
    OVERFLOW ON SP196 SIZE 501K;

CREATE DSI NEWORDER_393_DSI
  DSO NEWORDER_DSO
  USING(4313,4323)
  ALLOCATE PRIME ON SP197 SIZE 14352K,
    OVERFLOW ON SP197 SIZE 501K;

CREATE DSI NEWORDER_394_DSI
  DSO NEWORDER_DSO
  USING(4324,4334)
  ALLOCATE PRIME ON SP197 SIZE 14352K,
    OVERFLOW ON SP197 SIZE 501K;

CREATE DSI NEWORDER_395_DSI
  DSO NEWORDER_DSO
  USING(4335,4345)
  ALLOCATE PRIME ON SP198 SIZE 14352K,
    OVERFLOW ON SP198 SIZE 501K;

CREATE DSI NEWORDER_396_DSI
  DSO NEWORDER_DSO
  USING(4346,4356)
  ALLOCATE PRIME ON SP198 SIZE 14352K,
    OVERFLOW ON SP198 SIZE 501K;

CREATE DSI NEWORDER_397_DSI
  DSO NEWORDER_DSO
  USING(4357,4367)
  ALLOCATE PRIME ON SP199 SIZE 14352K,
    OVERFLOW ON SP199 SIZE 501K;

CREATE DSI NEWORDER_398_DSI
  DSO NEWORDER_DSO
  USING(4368,4378)
  ALLOCATE PRIME ON SP199 SIZE 14352K,
    OVERFLOW ON SP199 SIZE 501K;

CREATE DSI NEWORDER_399_DSI
  DSO NEWORDER_DSO
  USING(4379,4389)
  ALLOCATE PRIME ON SP200 SIZE 14352K,
    OVERFLOW ON SP200 SIZE 501K;

CREATE DSI NEWORDER_400_DSI
  DSO NEWORDER_DSO
  USING(4390,4400)
  ALLOCATE PRIME ON SP200 SIZE 14352K,
    OVERFLOW ON SP200 SIZE 501K;
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CREATE DSI NEWORDER_401_DSI
  DSO NEWORDER_DSO
  USING(4401,4411)
  ALLOCATE PRIME ON SP201 SIZE 14352K,
  OVERFLOW ON SP201 SIZE 501K;

CREATE DSI NEWORDER_402_DSI
  DSO NEWORDER_DSO
  USING(4412,4422)
  ALLOCATE PRIME ON SP201 SIZE 14352K,
  OVERFLOW ON SP201 SIZE 501K;

CREATE DSI NEWORDER_403_DSI
  DSO NEWORDER_DSO
  USING(4423,4433)
  ALLOCATE PRIME ON SP202 SIZE 14352K,
  OVERFLOW ON SP202 SIZE 501K;

CREATE DSI NEWORDER_404_DSI
  DSO NEWORDER_DSO
  USING(4434,4444)
  ALLOCATE PRIME ON SP202 SIZE 14352K,
  OVERFLOW ON SP202 SIZE 501K;

CREATE DSI NEWORDER_405_DSI
  DSO NEWORDER_DSO
  USING(4445,4455)
  ALLOCATE PRIME ON SP203 SIZE 14352K,
  OVERFLOW ON SP203 SIZE 501K;

CREATE DSI NEWORDER_406_DSI
  DSO NEWORDER_DSO
  USING(4456,4466)
  ALLOCATE PRIME ON SP203 SIZE 14352K,
  OVERFLOW ON SP203 SIZE 501K;

CREATE DSI NEWORDER_407_DSI
  DSO NEWORDER_DSO
  USING(4467,4477)
  ALLOCATE PRIME ON SP204 SIZE 14352K,
  OVERFLOW ON SP204 SIZE 501K;

CREATE DSI NEWORDER_408_DSI
  DSO NEWORDER_DSO
  USING(4478,4488)
  ALLOCATE PRIME ON SP204 SIZE 14352K,
  OVERFLOW ON SP204 SIZE 501K;

CREATE DSI NEWORDER_409_DSI
  DSO NEWORDER_DSO
  USING(4489,4499)
  ALLOCATE PRIME ON SP205 SIZE 14352K,
  OVERFLOW ON SP205 SIZE 501K;

CREATE DSI NEWORDER_410_DSI
  DSO NEWORDER_DSO
  USING(4500,4510)
  ALLOCATE PRIME ON SP205 SIZE 14352K,
  OVERFLOW ON SP205 SIZE 501K;

CREATE DSI NEWORDER_411_DSI
  DSO NEWORDER_DSO
  USING(4511,4521)
  ALLOCATE PRIME ON SP206 SIZE 14352K,
  OVERFLOW ON SP206 SIZE 501K;

CREATE DSI NEWORDER_412_DSI
  DSO NEWORDER_DSO
  USING(4522,4532)
  ALLOCATE PRIME ON SP206 SIZE 14352K,
  OVERFLOW ON SP206 SIZE 501K;

CREATE DSI NEWORDER_413_DSI
  DSO NEWORDER_DSO
  USING(4533,4543)
  ALLOCATE PRIME ON SP207 SIZE 14352K,
  OVERFLOW ON SP207 SIZE 501K;

CREATE DSI NEWORDER_414_DSI
  DSO NEWORDER_DSO
  USING(4544,4554)
  ALLOCATE PRIME ON SP207 SIZE 14352K,
  OVERFLOW ON SP207 SIZE 501K;

CREATE DSI NEWORDER_415_DSI
  DSO NEWORDER_DSO
  USING(4555,4565)
  ALLOCATE PRIME ON SP208 SIZE 14352K,
  OVERFLOW ON SP208 SIZE 501K;

CREATE DSI NEWORDER_416_DSI
  DSO NEWORDER_DSO
  USING(4566,4576)
  ALLOCATE PRIME ON SP208 SIZE 14352K,
  OVERFLOW ON SP208 SIZE 501K;

CREATE DSI NEWORDER_417_DSI
  DSO NEWORDER_DSO
  USING(4577,4587)
  ALLOCATE PRIME ON SP209 SIZE 14352K,
  OVERFLOW ON SP209 SIZE 501K;

CREATE DSI NEWORDER_418_DSI
  DSO NEWORDER_DSO
  USING(4588,4598)
  ALLOCATE PRIME ON SP209 SIZE 14352K,
  OVERFLOW ON SP209 SIZE 501K;

CREATE DSI NEWORDER_419_DSI
  DSO NEWORDER_DSO
  USING(4599,4609)
  ALLOCATE PRIME ON SP210 SIZE 14352K,
  OVERFLOW ON SP210 SIZE 501K;

CREATE DSI NEWORDER_420_DSI
  DSO NEWORDER_DSO
  USING(4610,4620)
  ALLOCATE PRIME ON SP210 SIZE 14352K,
  OVERFLOW ON SP210 SIZE 501K;

CREATE DSI NEWORDER_421_DSI
  DSO NEWORDER_DSO
  USING(4621,4631)
  ALLOCATE PRIME ON SP211 SIZE 14352K,
  OVERFLOW ON SP211 SIZE 501K;

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CREATE DSI NEWORDER_422_DSI
  DSO NEWORDER_DSO
  USING(4632,4642)
  ALLOCATE PRIME ON SP211 SIZE 14352K,
    OVERFLOW ON SP211 SIZE 501K;

CREATE DSI NEWORDER_423_DSI
  DSO NEWORDER_DSO
  USING(4643,4653)
  ALLOCATE PRIME ON SP212 SIZE 14352K,
    OVERFLOW ON SP212 SIZE 501K;

CREATE DSI NEWORDER_424_DSI
  DSO NEWORDER_DSO
  USING(4654,4664)
  ALLOCATE PRIME ON SP212 SIZE 14352K,
    OVERFLOW ON SP212 SIZE 501K;

CREATE DSI NEWORDER_425_DSI
  DSO NEWORDER_DSO
  USING(4665,4675)
  ALLOCATE PRIME ON SP213 SIZE 14352K,
    OVERFLOW ON SP213 SIZE 501K;

CREATE DSI NEWORDER_426_DSI
  DSO NEWORDER_DSO
  USING(4676,4686)
  ALLOCATE PRIME ON SP213 SIZE 14352K,
    OVERFLOW ON SP213 SIZE 501K;

CREATE DSI NEWORDER_427_DSI
  DSO NEWORDER_DSO
  USING(4687,4697)
  ALLOCATE PRIME ON SP214 SIZE 14352K,
    OVERFLOW ON SP214 SIZE 501K;

CREATE DSI NEWORDER_428_DSI
  DSO NEWORDER_DSO
  USING(4698,4708)
  ALLOCATE PRIME ON SP214 SIZE 14352K,
    OVERFLOW ON SP214 SIZE 501K;

CREATE DSI NEWORDER_429_DSI
  DSO NEWORDER_DSO
  USING(4709,4719)
  ALLOCATE PRIME ON SP215 SIZE 14352K,
    OVERFLOW ON SP215 SIZE 501K;

CREATE DSI NEWORDER_430_DSI
  DSO NEWORDER_DSO
  USING(4720,4730)
  ALLOCATE PRIME ON SP215 SIZE 14352K,
    OVERFLOW ON SP215 SIZE 501K;

CREATE DSI NEWORDER_431_DSI
  DSO NEWORDER_DSO
  USING(4731,4741)
  ALLOCATE PRIME ON SP216 SIZE 14352K,
    OVERFLOW ON SP216 SIZE 501K;

CREATE DSI NEWORDER_432_DSI
  DSO NEWORDER_DSO
  USING(4742,4752)
  ALLOCATE PRIME ON SP216 SIZE 14352K,
    OVERFLOW ON SP216 SIZE 501K;

CREATE DSI NEWORDER_433_DSI
  DSO NEWORDER_DSO
  USING(4753,4763)
  ALLOCATE PRIME ON SP217 SIZE 14352K,
    OVERFLOW ON SP217 SIZE 501K;

CREATE DSI NEWORDER_434_DSI
  DSO NEWORDER_DSO
  USING(4764,4774)
  ALLOCATE PRIME ON SP217 SIZE 14352K,
    OVERFLOW ON SP217 SIZE 501K;

CREATE DSI NEWORDER_435_DSI
  DSO NEWORDER_DSO
  USING(4775,4785)
  ALLOCATE PRIME ON SP218 SIZE 14352K,
    OVERFLOW ON SP218 SIZE 501K;

CREATE DSI NEWORDER_436_DSI
  DSO NEWORDER_DSO
  USING(4786,4796)
  ALLOCATE PRIME ON SP218 SIZE 14352K,
    OVERFLOW ON SP218 SIZE 501K;

CREATE DSI NEWORDER_437_DSI
  DSO NEWORDER_DSO
  USING(4797,4807)
  ALLOCATE PRIME ON SP219 SIZE 14352K,
    OVERFLOW ON SP219 SIZE 501K;

CREATE DSI NEWORDER_438_DSI
  DSO NEWORDER_DSO
  USING(4808,4818)
  ALLOCATE PRIME ON SP219 SIZE 14352K,
    OVERFLOW ON SP219 SIZE 501K;

CREATE DSI NEWORDER_439_DSI
  DSO NEWORDER_DSO
  USING(4819,4829)
  ALLOCATE PRIME ON SP220 SIZE 14352K,
    OVERFLOW ON SP220 SIZE 501K;

CREATE DSI NEWORDER_440_DSI
  DSO NEWORDER_DSO
  USING(4830,4840)
  ALLOCATE PRIME ON SP220 SIZE 14352K,
    OVERFLOW ON SP220 SIZE 501K;

CREATE DSI NEWORDER_441_DSI
  DSO NEWORDER_DSO
  USING(4841,4851)
  ALLOCATE PRIME ON SP221 SIZE 14352K,
    OVERFLOW ON SP221 SIZE 501K;

CREATE DSI NEWORDER_442_DSI
  DSO NEWORDER_DSO
  USING(4852,4862)
  ALLOCATE PRIME ON SP221 SIZE 14352K,
    OVERFLOW ON SP221 SIZE 501K;

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CREATE DSI NEWORDER_443_DSI
  DSO NEWORDER_DSO
  USING(4863,4873)
  ALLOCATE PRIME ON SP222 SIZE 14352K,
    OVERFLOW ON SP222 SIZE 501K;

CREATE DSI NEWORDER_444_DSI
  DSO NEWORDER_DSO
  USING(4874,4884)
  ALLOCATE PRIME ON SP222 SIZE 14352K,
    OVERFLOW ON SP222 SIZE 501K;

CREATE DSI NEWORDER_445_DSI
  DSO NEWORDER_DSO
  USING(4885,4895)
  ALLOCATE PRIME ON SP223 SIZE 14352K,
    OVERFLOW ON SP223 SIZE 501K;

CREATE DSI NEWORDER_446_DSI
  DSO NEWORDER_DSO
  USING(4896,4906)
  ALLOCATE PRIME ON SP223 SIZE 14352K,
    OVERFLOW ON SP223 SIZE 501K;

CREATE DSI NEWORDER_447_DSI
  DSO NEWORDER_DSO
  USING(4907,4917)
  ALLOCATE PRIME ON SP224 SIZE 14352K,
    OVERFLOW ON SP224 SIZE 501K;

CREATE DSI NEWORDER_448_DSI
  DSO NEWORDER_DSO
  USING(4918,4928)
  ALLOCATE PRIME ON SP224 SIZE 14352K,
    OVERFLOW ON SP224 SIZE 501K;

CREATE DSI NEWORDER_449_DSI
  DSO NEWORDER_DSO
  USING(4929,4939)
  ALLOCATE PRIME ON SP225 SIZE 14352K,
    OVERFLOW ON SP225 SIZE 501K;

CREATE DSI NEWORDER_450_DSI
  DSO NEWORDER_DSO
  USING(4940,4950)
  ALLOCATE PRIME ON SP225 SIZE 14352K,
    OVERFLOW ON SP225 SIZE 501K;

CREATE DSI NEWORDER_451_DSI
  DSO NEWORDER_DSO
  USING(4951,4961)
  ALLOCATE PRIME ON SP226 SIZE 14352K,
    OVERFLOW ON SP226 SIZE 501K;

CREATE DSI NEWORDER_452_DSI
  DSO NEWORDER_DSO
  USING(4962,4972)
  ALLOCATE PRIME ON SP226 SIZE 14352K,
    OVERFLOW ON SP226 SIZE 501K;

CREATE DSI NEWORDER_453_DSI
  DSO NEWORDER_DSO
  USING(4973,4983)
  ALLOCATE PRIME ON SP227 SIZE 14352K,
    OVERFLOW ON SP227 SIZE 501K;

CREATE DSI NEWORDER_454_DSI
  DSO NEWORDER_DSO
  USING(4984,4994)
  ALLOCATE PRIME ON SP227 SIZE 14352K,
    OVERFLOW ON SP227 SIZE 501K;

CREATE DSI NEWORDER_455_DSI
  DSO NEWORDER_DSO
  USING(4995,5005)
  ALLOCATE PRIME ON SP228 SIZE 14352K,
    OVERFLOW ON SP228 SIZE 501K;

CREATE DSI NEWORDER_456_DSI
  DSO NEWORDER_DSO
  USING(5006,5016)
  ALLOCATE PRIME ON SP228 SIZE 14352K,
    OVERFLOW ON SP228 SIZE 501K;

CREATE DSI NEWORDER_457_DSI
  DSO NEWORDER_DSO
  USING(5017,5027)
  ALLOCATE PRIME ON SP229 SIZE 14352K,
    OVERFLOW ON SP229 SIZE 501K;

CREATE DSI NEWORDER_458_DSI
  DSO NEWORDER_DSO
  USING(5028,5038)
  ALLOCATE PRIME ON SP229 SIZE 14352K,
    OVERFLOW ON SP229 SIZE 501K;

CREATE DSI NEWORDER_459_DSI
  DSO NEWORDER_DSO
  USING(5039,5049)
  ALLOCATE PRIME ON SP230 SIZE 14352K,
    OVERFLOW ON SP230 SIZE 501K;

CREATE DSI NEWORDER_460_DSI
  DSO NEWORDER_DSO
  USING(5050,5060)
  ALLOCATE PRIME ON SP230 SIZE 14352K,
    OVERFLOW ON SP230 SIZE 501K;

CREATE DSI NEWORDER_461_DSI
  DSO NEWORDER_DSO
  USING(5061,5071)
  ALLOCATE PRIME ON SP231 SIZE 14352K,
    OVERFLOW ON SP231 SIZE 501K;

CREATE DSI NEWORDER_462_DSI
  DSO NEWORDER_DSO
  USING(5072,5082)
  ALLOCATE PRIME ON SP231 SIZE 14352K,
    OVERFLOW ON SP231 SIZE 501K;

CREATE DSI NEWORDER_463_DSI
  DSO NEWORDER_DSO
  USING(5083,5093)
  ALLOCATE PRIME ON SP232 SIZE 14352K,
    OVERFLOW ON SP232 SIZE 501K;

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CREATE DSI NEWORDER_464_DSI
  DSO NEWORDER_DSO
  USING(5094,5104)
  ALLOCATE PRIME ON SP232 SIZE 14352K,
  OVERFLOW ON SP232 SIZE 501K;

CREATE DSI NEWORDER_465_DSI
  DSO NEWORDER_DSO
  USING(5105,5115)
  ALLOCATE PRIME ON SP233 SIZE 14352K,
  OVERFLOW ON SP233 SIZE 501K;

CREATE DSI NEWORDER_466_DSI
  DSO NEWORDER_DSO
  USING(5116,5126)
  ALLOCATE PRIME ON SP233 SIZE 14352K,
  OVERFLOW ON SP233 SIZE 501K;

CREATE DSI NEWORDER_467_DSI
  DSO NEWORDER_DSO
  USING(5127,5137)
  ALLOCATE PRIME ON SP234 SIZE 14352K,
  OVERFLOW ON SP234 SIZE 501K;

CREATE DSI NEWORDER_468_DSI
  DSO NEWORDER_DSO
  USING(5138,5148)
  ALLOCATE PRIME ON SP234 SIZE 14352K,
  OVERFLOW ON SP234 SIZE 501K;

CREATE DSI NEWORDER_469_DSI
  DSO NEWORDER_DSO
  USING(5149,5159)
  ALLOCATE PRIME ON SP235 SIZE 14352K,
  OVERFLOW ON SP235 SIZE 501K;

CREATE DSI NEWORDER_470_DSI
  DSO NEWORDER_DSO
  USING(5160,5170)
  ALLOCATE PRIME ON SP235 SIZE 14352K,
  OVERFLOW ON SP235 SIZE 501K;

CREATE DSI NEWORDER_471_DSI
  DSO NEWORDER_DSO
  USING(5171,5181)
  ALLOCATE PRIME ON SP236 SIZE 14352K,
  OVERFLOW ON SP236 SIZE 501K;

CREATE DSI NEWORDER_472_DSI
  DSO NEWORDER_DSO
  USING(5182,5192)
  ALLOCATE PRIME ON SP236 SIZE 14352K,
  OVERFLOW ON SP236 SIZE 501K;

CREATE DSI NEWORDER_473_DSI
  DSO NEWORDER_DSO
  USING(5193,5203)
  ALLOCATE PRIME ON SP237 SIZE 14352K,
  OVERFLOW ON SP237 SIZE 501K;

CREATE DSI NEWORDER_474_DSI
  DSO NEWORDER_DSO
  USING(5204,5214)
  ALLOCATE PRIME ON SP237 SIZE 14352K,
  OVERFLOW ON SP237 SIZE 501K;

CREATE DSI NEWORDER_475_DSI
  DSO NEWORDER_DSO
  USING(5215,5225)
  ALLOCATE PRIME ON SP238 SIZE 14352K,
  OVERFLOW ON SP238 SIZE 501K;

CREATE DSI NEWORDER_476_DSI
  DSO NEWORDER_DSO
  USING(5226,5236)
  ALLOCATE PRIME ON SP238 SIZE 14352K,
  OVERFLOW ON SP238 SIZE 501K;

CREATE DSI NEWORDER_477_DSI
  DSO NEWORDER_DSO
  USING(5237,5247)
  ALLOCATE PRIME ON SP239 SIZE 14352K,
  OVERFLOW ON SP239 SIZE 501K;

CREATE DSI NEWORDER_478_DSI
  DSO NEWORDER_DSO
  USING(5248,5258)
  ALLOCATE PRIME ON SP239 SIZE 14352K,
  OVERFLOW ON SP239 SIZE 501K;

CREATE DSI NEWORDER_479_DSI
  DSO NEWORDER_DSO
  USING(5259,5269)
  ALLOCATE PRIME ON SP240 SIZE 14352K,
  OVERFLOW ON SP240 SIZE 501K;

CREATE DSI NEWORDER_480_DSI
  DSO NEWORDER_DSO
  USING(5270,5280)
  ALLOCATE PRIME ON SP240 SIZE 14352K,
  OVERFLOW ON SP240 SIZE 501K;

CREATE DSI NEWORDER_481_DSI
  DSO NEWORDER_DSO
  USING(5281,5291)
  ALLOCATE PRIME ON SP241 SIZE 14352K,
  OVERFLOW ON SP241 SIZE 501K;

CREATE DSI NEWORDER_482_DSI
  DSO NEWORDER_DSO
  USING(5292,5302)
  ALLOCATE PRIME ON SP241 SIZE 14352K,
  OVERFLOW ON SP241 SIZE 501K;

CREATE DSI NEWORDER_483_DSI
  DSO NEWORDER_DSO
  USING(5303,5313)
  ALLOCATE PRIME ON SP242 SIZE 14352K,
  OVERFLOW ON SP242 SIZE 501K;

CREATE DSI NEWORDER_484_DSI
  DSO NEWORDER_DSO
  USING(5314,5324)
  ALLOCATE PRIME ON SP242 SIZE 14352K,
  OVERFLOW ON SP242 SIZE 501K;
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CREATE DSI NEWORDER_485_DSI
  DSO NEWORDER_DSO
  USING(5325,5335)
  ALLOCATE PRIME ON SP243 SIZE 14352K,
    OVERFLOW ON SP243 SIZE 501K;

CREATE DSI NEWORDER_486_DSI
  DSO NEWORDER_DSO
  USING(5336,5346)
  ALLOCATE PRIME ON SP243 SIZE 14352K,
    OVERFLOW ON SP243 SIZE 501K;

CREATE DSI NEWORDER_487_DSI
  DSO NEWORDER_DSO
  USING(5347,5357)
  ALLOCATE PRIME ON SP244 SIZE 14352K,
    OVERFLOW ON SP244 SIZE 501K;

CREATE DSI NEWORDER_488_DSI
  DSO NEWORDER_DSO
  USING(5358,5368)
  ALLOCATE PRIME ON SP244 SIZE 14352K,
    OVERFLOW ON SP244 SIZE 501K;

CREATE DSI NEWORDER_489_DSI
  DSO NEWORDER_DSO
  USING(5369,5379)
  ALLOCATE PRIME ON SP245 SIZE 14352K,
    OVERFLOW ON SP245 SIZE 501K;

CREATE DSI NEWORDER_490_DSI
  DSO NEWORDER_DSO
  USING(5380,5390)
  ALLOCATE PRIME ON SP245 SIZE 14352K,
    OVERFLOW ON SP245 SIZE 501K;

CREATE DSI NEWORDER_491_DSI
  DSO NEWORDER_DSO
  USING(5391,5401)
  ALLOCATE PRIME ON SP246 SIZE 14352K,
    OVERFLOW ON SP246 SIZE 501K;

CREATE DSI NEWORDER_492_DSI
  DSO NEWORDER_DSO
  USING(5402,5412)
  ALLOCATE PRIME ON SP246 SIZE 14352K,
    OVERFLOW ON SP246 SIZE 501K;

CREATE DSI NEWORDER_493_DSI
  DSO NEWORDER_DSO
  USING(5413,5423)
  ALLOCATE PRIME ON SP247 SIZE 14352K,
    OVERFLOW ON SP247 SIZE 501K;

CREATE DSI NEWORDER_494_DSI
  DSO NEWORDER_DSO
  USING(5424,5434)
  ALLOCATE PRIME ON SP247 SIZE 14352K,
    OVERFLOW ON SP247 SIZE 501K;

CREATE DSI NEWORDER_495_DSI
  DSO NEWORDER_DSO
  USING(5435,5445)
  ALLOCATE PRIME ON SP248 SIZE 14352K,
    OVERFLOW ON SP248 SIZE 501K;

CREATE DSI NEWORDER_496_DSI
  DSO NEWORDER_DSO
  USING(5446,5456)
  ALLOCATE PRIME ON SP248 SIZE 14352K,
    OVERFLOW ON SP248 SIZE 501K;

CREATE DSI NEWORDER_497_DSI
  DSO NEWORDER_DSO
  USING(5457,5467)
  ALLOCATE PRIME ON SP249 SIZE 14352K,
    OVERFLOW ON SP249 SIZE 501K;

CREATE DSI NEWORDER_498_DSI
  DSO NEWORDER_DSO
  USING(5468,5478)
  ALLOCATE PRIME ON SP249 SIZE 14352K,
    OVERFLOW ON SP249 SIZE 501K;

CREATE DSI NEWORDER_499_DSI
  DSO NEWORDER_DSO
  USING(5479,5489)
  ALLOCATE PRIME ON SP250 SIZE 14352K,
    OVERFLOW ON SP250 SIZE 501K;

CREATE DSI NEWORDER_500_DSI
  DSO NEWORDER_DSO
  USING(5490,5500)
  ALLOCATE PRIME ON SP250 SIZE 14352K,
    OVERFLOW ON SP250 SIZE 501K;

CREATE DSI NEWORDER_501_DSI
  DSO NEWORDER_DSO
  USING(5501,5511)
  ALLOCATE PRIME ON SP251 SIZE 14352K,
    OVERFLOW ON SP251 SIZE 501K;

CREATE DSI NEWORDER_502_DSI
  DSO NEWORDER_DSO
  USING(5512,5522)
  ALLOCATE PRIME ON SP251 SIZE 14352K,
    OVERFLOW ON SP251 SIZE 501K;

CREATE DSI NEWORDER_503_DSI
  DSO NEWORDER_DSO
  USING(5523,5533)
  ALLOCATE PRIME ON SP252 SIZE 14352K,
    OVERFLOW ON SP252 SIZE 501K;

CREATE DSI NEWORDER_504_DSI
  DSO NEWORDER_DSO
  USING(5534,5544)
  ALLOCATE PRIME ON SP252 SIZE 14352K,
    OVERFLOW ON SP252 SIZE 501K;

CREATE DSI NEWORDER_505_DSI
  DSO NEWORDER_DSO
  USING(5545,5555)
  ALLOCATE PRIME ON SP253 SIZE 14352K,
    OVERFLOW ON SP253 SIZE 501K;

```



```

CREATE DSI NEWORDER_506_DSI
  DSO NEWORDER_DSO
  USING(5556,5566)
  ALLOCATE PRIME ON SP253 SIZE 14352K,
    OVERFLOW ON SP253 SIZE 501K;

CREATE DSI NEWORDER_507_DSI
  DSO NEWORDER_DSO
  USING(5567,5577)
  ALLOCATE PRIME ON SP254 SIZE 14352K,
    OVERFLOW ON SP254 SIZE 501K;

CREATE DSI NEWORDER_508_DSI
  DSO NEWORDER_DSO
  USING(5578,5588)
  ALLOCATE PRIME ON SP254 SIZE 14352K,
    OVERFLOW ON SP254 SIZE 501K;

CREATE DSI NEWORDER_509_DSI
  DSO NEWORDER_DSO
  USING(5589,5599)
  ALLOCATE PRIME ON SP255 SIZE 14352K,
    OVERFLOW ON SP255 SIZE 501K;

CREATE DSI NEWORDER_510_DSI
  DSO NEWORDER_DSO
  USING(5600,5610)
  ALLOCATE PRIME ON SP255 SIZE 14352K,
    OVERFLOW ON SP255 SIZE 501K;

CREATE DSI NEWORDER_511_DSI
  DSO NEWORDER_DSO
  USING(5611,5621)
  ALLOCATE PRIME ON SP256 SIZE 14352K,
    OVERFLOW ON SP256 SIZE 501K;

CREATE DSI NEWORDER_512_DSI
  DSO NEWORDER_DSO
  USING(5622,5632)
  ALLOCATE PRIME ON SP256 SIZE 14352K,
    OVERFLOW ON SP256 SIZE 501K;

CREATE DSI NEWORDER_513_DSI
  DSO NEWORDER_DSO
  USING(5633,5643)
  ALLOCATE PRIME ON SP257 SIZE 14352K,
    OVERFLOW ON SP257 SIZE 501K;

CREATE DSI NEWORDER_514_DSI
  DSO NEWORDER_DSO
  USING(5644,5654)
  ALLOCATE PRIME ON SP257 SIZE 14352K,
    OVERFLOW ON SP257 SIZE 501K;

CREATE DSI NEWORDER_515_DSI
  DSO NEWORDER_DSO
  USING(5655,5665)
  ALLOCATE PRIME ON SP258 SIZE 14352K,
    OVERFLOW ON SP258 SIZE 501K;

CREATE DSI NEWORDER_516_DSI
  DSO NEWORDER_DSO
  USING(5666,5676)
  ALLOCATE PRIME ON SP258 SIZE 14352K,
    OVERFLOW ON SP258 SIZE 501K;

CREATE DSI NEWORDER_517_DSI
  DSO NEWORDER_DSO
  USING(5677,5687)
  ALLOCATE PRIME ON SP259 SIZE 14352K,
    OVERFLOW ON SP259 SIZE 501K;

CREATE DSI NEWORDER_518_DSI
  DSO NEWORDER_DSO
  USING(5688,5698)
  ALLOCATE PRIME ON SP259 SIZE 14352K,
    OVERFLOW ON SP259 SIZE 501K;

CREATE DSI NEWORDER_519_DSI
  DSO NEWORDER_DSO
  USING(5699,5709)
  ALLOCATE PRIME ON SP260 SIZE 14352K,
    OVERFLOW ON SP260 SIZE 501K;

CREATE DSI NEWORDER_520_DSI
  DSO NEWORDER_DSO
  USING(5710,11440)
  ALLOCATE PRIME ON SP260 SIZE 14352K,
    OVERFLOW ON SP260 SIZE 501K;

-----
-- * Phase.2-4b: Orders-IX
-----

CREATE DSO ORDERS_IX_DSO
  INDEX ON TPCC_SCHEMA.ORDERS(O_W_ID,O_D_ID,O_C_ID)
  TYPE BTREE(PAGESIZE1(4),PAGESIZE2(32));

CREATE DSI ORDERS_IX_1_DSI
  INDEX
  DSO ORDERS_IX_DSO
  BASE ORDERS_1_DSI
  ALLOCATE INDEX ON SP1 SIZE 1024K,
    BASE ON SP1 SIZE 14160K;

CREATE DSI ORDERS_IX_2_DSI
  INDEX
  DSO ORDERS_IX_DSO
  BASE ORDERS_2_DSI
  ALLOCATE INDEX ON SP1 SIZE 1024K,
    BASE ON SP1 SIZE 14160K;

CREATE DSI ORDERS_IX_3_DSI
  INDEX
  DSO ORDERS_IX_DSO
  BASE ORDERS_3_DSI
  ALLOCATE INDEX ON SP2 SIZE 1024K,
    BASE ON SP2 SIZE 14160K;

CREATE DSI ORDERS_IX_4_DSI
  INDEX
  DSO ORDERS_IX_DSO
  BASE ORDERS_4_DSI
  ALLOCATE INDEX ON SP2 SIZE 1024K,
    BASE ON SP2 SIZE 14160K;

```



```
CREATE DSI ORDERS_IX_5_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_5_DSI
ALLOCATE INDEX ON SP3 SIZE 1024K,
BASE ON SP3 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_6_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_6_DSI
ALLOCATE INDEX ON SP3 SIZE 1024K,
BASE ON SP3 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_7_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_7_DSI
ALLOCATE INDEX ON SP4 SIZE 1024K,
BASE ON SP4 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_8_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_8_DSI
ALLOCATE INDEX ON SP4 SIZE 1024K,
BASE ON SP4 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_9_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_9_DSI
ALLOCATE INDEX ON SP5 SIZE 1024K,
BASE ON SP5 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_10_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_10_DSI
ALLOCATE INDEX ON SP5 SIZE 1024K,
BASE ON SP5 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_11_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_11_DSI
ALLOCATE INDEX ON SP6 SIZE 1024K,
BASE ON SP6 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_12_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_12_DSI
ALLOCATE INDEX ON SP6 SIZE 1024K,
BASE ON SP6 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_13_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_13_DSI
ALLOCATE INDEX ON SP7 SIZE 1024K,
BASE ON SP7 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_14_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_14_DSI
ALLOCATE INDEX ON SP7 SIZE 1024K,
BASE ON SP7 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_15_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_15_DSI
ALLOCATE INDEX ON SP8 SIZE 1024K,
BASE ON SP8 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_16_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_16_DSI
ALLOCATE INDEX ON SP8 SIZE 1024K,
BASE ON SP8 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_17_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_17_DSI
ALLOCATE INDEX ON SP9 SIZE 1024K,
BASE ON SP9 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_18_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_18_DSI
ALLOCATE INDEX ON SP9 SIZE 1024K,
BASE ON SP9 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_19_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_19_DSI
ALLOCATE INDEX ON SP10 SIZE 1024K,
BASE ON SP10 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_20_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_20_DSI
ALLOCATE INDEX ON SP10 SIZE 1024K,
BASE ON SP10 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_21_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_21_DSI
ALLOCATE INDEX ON SP11 SIZE 1024K,
BASE ON SP11 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_22_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_22_DSI
ALLOCATE INDEX ON SP11 SIZE 1024K,
BASE ON SP11 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_23_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_23_DSI
ALLOCATE INDEX ON SP12 SIZE 1024K,
BASE ON SP12 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_24_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_24_DSI
ALLOCATE INDEX ON SP12 SIZE 1024K,
BASE ON SP12 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_25_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_25_DSI
ALLOCATE INDEX ON SP13 SIZE 1024K,
BASE ON SP13 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_26_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_26_DSI
ALLOCATE INDEX ON SP13 SIZE 1024K,
BASE ON SP13 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_27_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_27_DSI
ALLOCATE INDEX ON SP14 SIZE 1024K,
BASE ON SP14 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_28_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_28_DSI
ALLOCATE INDEX ON SP14 SIZE 1024K,
BASE ON SP14 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_29_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_29_DSI
ALLOCATE INDEX ON SP15 SIZE 1024K,
BASE ON SP15 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_30_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_30_DSI
ALLOCATE INDEX ON SP15 SIZE 1024K,
BASE ON SP15 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_31_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_31_DSI
ALLOCATE INDEX ON SP16 SIZE 1024K,
BASE ON SP16 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_32_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_32_DSI
ALLOCATE INDEX ON SP16 SIZE 1024K,
BASE ON SP16 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_33_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_33_DSI
ALLOCATE INDEX ON SP17 SIZE 1024K,
BASE ON SP17 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_34_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_34_DSI
ALLOCATE INDEX ON SP17 SIZE 1024K,
BASE ON SP17 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_35_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_35_DSI
ALLOCATE INDEX ON SP18 SIZE 1024K,
BASE ON SP18 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_36_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_36_DSI
ALLOCATE INDEX ON SP18 SIZE 1024K,
BASE ON SP18 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_37_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_37_DSI
ALLOCATE INDEX ON SP19 SIZE 1024K,
BASE ON SP19 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_38_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_38_DSI
ALLOCATE INDEX ON SP19 SIZE 1024K,
BASE ON SP19 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_39_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_39_DSI
ALLOCATE INDEX ON SP20 SIZE 1024K,
BASE ON SP20 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_40_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_40_DSI
ALLOCATE INDEX ON SP20 SIZE 1024K,
BASE ON SP20 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_41_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_41_DSI
ALLOCATE INDEX ON SP21 SIZE 1024K,
BASE ON SP21 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_42_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_42_DSI
ALLOCATE INDEX ON SP21 SIZE 1024K,
BASE ON SP21 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_43_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_43_DSI
ALLOCATE INDEX ON SP22 SIZE 1024K,
BASE ON SP22 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_44_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_44_DSI
ALLOCATE INDEX ON SP22 SIZE 1024K,
BASE ON SP22 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_45_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_45_DSI
ALLOCATE INDEX ON SP23 SIZE 1024K,
BASE ON SP23 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_46_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_46_DSI
ALLOCATE INDEX ON SP23 SIZE 1024K,
BASE ON SP23 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_47_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_47_DSI
ALLOCATE INDEX ON SP24 SIZE 1024K,
BASE ON SP24 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_48_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_48_DSI
ALLOCATE INDEX ON SP24 SIZE 1024K,
BASE ON SP24 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_49_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_49_DSI
ALLOCATE INDEX ON SP25 SIZE 1024K,
BASE ON SP25 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_50_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_50_DSI
ALLOCATE INDEX ON SP25 SIZE 1024K,
BASE ON SP25 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_51_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_51_DSI
ALLOCATE INDEX ON SP26 SIZE 1024K,
BASE ON SP26 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_52_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_52_DSI
ALLOCATE INDEX ON SP26 SIZE 1024K,
BASE ON SP26 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_53_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_53_DSI
ALLOCATE INDEX ON SP27 SIZE 1024K,
BASE ON SP27 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_54_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_54_DSI
ALLOCATE INDEX ON SP27 SIZE 1024K,
BASE ON SP27 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_55_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_55_DSI
ALLOCATE INDEX ON SP28 SIZE 1024K,
BASE ON SP28 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_56_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_56_DSI
ALLOCATE INDEX ON SP28 SIZE 1024K,
BASE ON SP28 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_57_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_57_DSI
ALLOCATE INDEX ON SP29 SIZE 1024K,
BASE ON SP29 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_58_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_58_DSI
ALLOCATE INDEX ON SP29 SIZE 1024K,
BASE ON SP29 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_59_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_59_DSI
ALLOCATE INDEX ON SP30 SIZE 1024K,
BASE ON SP30 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_60_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_60_DSI
ALLOCATE INDEX ON SP30 SIZE 1024K,
BASE ON SP30 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_61_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_61_DSI
ALLOCATE INDEX ON SP31 SIZE 1024K,
BASE ON SP31 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_62_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_62_DSI
ALLOCATE INDEX ON SP31 SIZE 1024K,
BASE ON SP31 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_63_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_63_DSI
ALLOCATE INDEX ON SP32 SIZE 1024K,
BASE ON SP32 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_64_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_64_DSI
ALLOCATE INDEX ON SP32 SIZE 1024K,
BASE ON SP32 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_65_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_65_DSI
ALLOCATE INDEX ON SP33 SIZE 1024K,
BASE ON SP33 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_66_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_66_DSI
ALLOCATE INDEX ON SP33 SIZE 1024K,
BASE ON SP33 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_67_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_67_DSI
ALLOCATE INDEX ON SP34 SIZE 1024K,
BASE ON SP34 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_68_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_68_DSI
ALLOCATE INDEX ON SP34 SIZE 1024K,
BASE ON SP34 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_69_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_69_DSI
ALLOCATE INDEX ON SP35 SIZE 1024K,
BASE ON SP35 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_70_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_70_DSI
ALLOCATE INDEX ON SP35 SIZE 1024K,
BASE ON SP35 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_71_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_71_DSI
ALLOCATE INDEX ON SP36 SIZE 1024K,
BASE ON SP36 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_72_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_72_DSI
ALLOCATE INDEX ON SP36 SIZE 1024K,
BASE ON SP36 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_73_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_73_DSI
ALLOCATE INDEX ON SP37 SIZE 1024K,
BASE ON SP37 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_74_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_74_DSI
ALLOCATE INDEX ON SP37 SIZE 1024K,
BASE ON SP37 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_75_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_75_DSI
ALLOCATE INDEX ON SP38 SIZE 1024K,
BASE ON SP38 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_76_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_76_DSI
ALLOCATE INDEX ON SP38 SIZE 1024K,
BASE ON SP38 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_77_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_77_DSI
ALLOCATE INDEX ON SP39 SIZE 1024K,
BASE ON SP39 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_78_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_78_DSI
ALLOCATE INDEX ON SP39 SIZE 1024K,
BASE ON SP39 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_79_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_79_DSI
ALLOCATE INDEX ON SP40 SIZE 1024K,
BASE ON SP40 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_80_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_80_DSI
ALLOCATE INDEX ON SP40 SIZE 1024K,
BASE ON SP40 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_81_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_81_DSI
ALLOCATE INDEX ON SP41 SIZE 1024K,
BASE ON SP41 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_82_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_82_DSI
ALLOCATE INDEX ON SP41 SIZE 1024K,
BASE ON SP41 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_83_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_83_DSI
ALLOCATE INDEX ON SP42 SIZE 1024K,
BASE ON SP42 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_84_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_84_DSI
ALLOCATE INDEX ON SP42 SIZE 1024K,
BASE ON SP42 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_85_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_85_DSI
ALLOCATE INDEX ON SP43 SIZE 1024K,
BASE ON SP43 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_86_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_86_DSI
ALLOCATE INDEX ON SP43 SIZE 1024K,
BASE ON SP43 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_87_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_87_DSI
ALLOCATE INDEX ON SP44 SIZE 1024K,
BASE ON SP44 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_88_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_88_DSI
ALLOCATE INDEX ON SP44 SIZE 1024K,
BASE ON SP44 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_89_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_89_DSI
ALLOCATE INDEX ON SP45 SIZE 1024K,
BASE ON SP45 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_90_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_90_DSI
ALLOCATE INDEX ON SP45 SIZE 1024K,
BASE ON SP45 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_91_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_91_DSI
ALLOCATE INDEX ON SP46 SIZE 1024K,
BASE ON SP46 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_92_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_92_DSI
ALLOCATE INDEX ON SP46 SIZE 1024K,
BASE ON SP46 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_93_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_93_DSI
ALLOCATE INDEX ON SP47 SIZE 1024K,
BASE ON SP47 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_94_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_94_DSI
ALLOCATE INDEX ON SP47 SIZE 1024K,
BASE ON SP47 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_95_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_95_DSI
ALLOCATE INDEX ON SP48 SIZE 1024K,
BASE ON SP48 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_96_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_96_DSI
ALLOCATE INDEX ON SP48 SIZE 1024K,
BASE ON SP48 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_97_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_97_DSI
ALLOCATE INDEX ON SP49 SIZE 1024K,
BASE ON SP49 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_98_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_98_DSI
ALLOCATE INDEX ON SP49 SIZE 1024K,
BASE ON SP49 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_99_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_99_DSI
ALLOCATE INDEX ON SP50 SIZE 1024K,
BASE ON SP50 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_100_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_100_DSI
ALLOCATE INDEX ON SP50 SIZE 1024K,
BASE ON SP50 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_101_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_101_DSI
ALLOCATE INDEX ON SP51 SIZE 1024K,
BASE ON SP51 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_102_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_102_DSI
ALLOCATE INDEX ON SP51 SIZE 1024K,
BASE ON SP51 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_103_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_103_DSI
ALLOCATE INDEX ON SP52 SIZE 1024K,
BASE ON SP52 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_104_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_104_DSI
ALLOCATE INDEX ON SP52 SIZE 1024K,
BASE ON SP52 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_105_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_105_DSI
ALLOCATE INDEX ON SP53 SIZE 1024K,
BASE ON SP53 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_106_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_106_DSI
ALLOCATE INDEX ON SP53 SIZE 1024K,
BASE ON SP53 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_107_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_107_DSI
ALLOCATE INDEX ON SP54 SIZE 1024K,
BASE ON SP54 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_108_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_108_DSI
ALLOCATE INDEX ON SP54 SIZE 1024K,
BASE ON SP54 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_109_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_109_DSI
ALLOCATE INDEX ON SP55 SIZE 1024K,
BASE ON SP55 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_110_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_110_DSI
ALLOCATE INDEX ON SP55 SIZE 1024K,
BASE ON SP55 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_111_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_111_DSI
ALLOCATE INDEX ON SP56 SIZE 1024K,
BASE ON SP56 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_112_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_112_DSI
ALLOCATE INDEX ON SP56 SIZE 1024K,
BASE ON SP56 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_113_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_113_DSI
ALLOCATE INDEX ON SP57 SIZE 1024K,
BASE ON SP57 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_114_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_114_DSI
ALLOCATE INDEX ON SP57 SIZE 1024K,
BASE ON SP57 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_115_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_115_DSI
ALLOCATE INDEX ON SP58 SIZE 1024K,
BASE ON SP58 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_116_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_116_DSI
ALLOCATE INDEX ON SP58 SIZE 1024K,
BASE ON SP58 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_117_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_117_DSI
ALLOCATE INDEX ON SP59 SIZE 1024K,
BASE ON SP59 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_118_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_118_DSI
ALLOCATE INDEX ON SP59 SIZE 1024K,
BASE ON SP59 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_119_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_119_DSI
ALLOCATE INDEX ON SP60 SIZE 1024K,
BASE ON SP60 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_120_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_120_DSI
ALLOCATE INDEX ON SP60 SIZE 1024K,
BASE ON SP60 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_121_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_121_DSI
ALLOCATE INDEX ON SP61 SIZE 1024K,
BASE ON SP61 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_122_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_122_DSI
ALLOCATE INDEX ON SP61 SIZE 1024K,
BASE ON SP61 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_123_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_123_DSI
ALLOCATE INDEX ON SP62 SIZE 1024K,
BASE ON SP62 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_124_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_124_DSI
ALLOCATE INDEX ON SP62 SIZE 1024K,
BASE ON SP62 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_125_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_125_DSI
ALLOCATE INDEX ON SP63 SIZE 1024K,
BASE ON SP63 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_126_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_126_DSI
ALLOCATE INDEX ON SP63 SIZE 1024K,
BASE ON SP63 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_127_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_127_DSI
ALLOCATE INDEX ON SP64 SIZE 1024K,
BASE ON SP64 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_128_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_128_DSI
ALLOCATE INDEX ON SP64 SIZE 1024K,
BASE ON SP64 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_129_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_129_DSI
ALLOCATE INDEX ON SP65 SIZE 1024K,
BASE ON SP65 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_130_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_130_DSI
ALLOCATE INDEX ON SP65 SIZE 1024K,
BASE ON SP65 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_131_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_131_DSI
ALLOCATE INDEX ON SP66 SIZE 1024K,
BASE ON SP66 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_132_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_132_DSI
ALLOCATE INDEX ON SP66 SIZE 1024K,
BASE ON SP66 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_133_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_133_DSI
ALLOCATE INDEX ON SP67 SIZE 1024K,
BASE ON SP67 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_134_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_134_DSI
ALLOCATE INDEX ON SP67 SIZE 1024K,
BASE ON SP67 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_135_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_135_DSI
ALLOCATE INDEX ON SP68 SIZE 1024K,
BASE ON SP68 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_136_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_136_DSI
ALLOCATE INDEX ON SP68 SIZE 1024K,
BASE ON SP68 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_137_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_137_DSI
ALLOCATE INDEX ON SP69 SIZE 1024K,
BASE ON SP69 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_138_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_138_DSI
ALLOCATE INDEX ON SP69 SIZE 1024K,
BASE ON SP69 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_139_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_139_DSI
ALLOCATE INDEX ON SP70 SIZE 1024K,
BASE ON SP70 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_140_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_140_DSI
ALLOCATE INDEX ON SP70 SIZE 1024K,
BASE ON SP70 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_141_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_141_DSI
ALLOCATE INDEX ON SP71 SIZE 1024K,
BASE ON SP71 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_142_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_142_DSI
ALLOCATE INDEX ON SP71 SIZE 1024K,
BASE ON SP71 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_143_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_143_DSI
ALLOCATE INDEX ON SP72 SIZE 1024K,
BASE ON SP72 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_144_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_144_DSI
ALLOCATE INDEX ON SP72 SIZE 1024K,
BASE ON SP72 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_145_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_145_DSI
ALLOCATE INDEX ON SP73 SIZE 1024K,
BASE ON SP73 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_146_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_146_DSI
ALLOCATE INDEX ON SP73 SIZE 1024K,
BASE ON SP73 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_147_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_147_DSI
ALLOCATE INDEX ON SP74 SIZE 1024K,
BASE ON SP74 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_148_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_148_DSI
ALLOCATE INDEX ON SP74 SIZE 1024K,
BASE ON SP74 SIZE 14160K;
```



```
CREATE DSI ORDERS_IX_149_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_149_DSI
ALLOCATE INDEX ON SP75 SIZE 1024K,
BASE ON SP75 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_150_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_150_DSI
ALLOCATE INDEX ON SP75 SIZE 1024K,
BASE ON SP75 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_151_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_151_DSI
ALLOCATE INDEX ON SP76 SIZE 1024K,
BASE ON SP76 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_152_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_152_DSI
ALLOCATE INDEX ON SP76 SIZE 1024K,
BASE ON SP76 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_153_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_153_DSI
ALLOCATE INDEX ON SP77 SIZE 1024K,
BASE ON SP77 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_154_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_154_DSI
ALLOCATE INDEX ON SP77 SIZE 1024K,
BASE ON SP77 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_155_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_155_DSI
ALLOCATE INDEX ON SP78 SIZE 1024K,
BASE ON SP78 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_156_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_156_DSI
ALLOCATE INDEX ON SP78 SIZE 1024K,
BASE ON SP78 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_157_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_157_DSI
ALLOCATE INDEX ON SP79 SIZE 1024K,
BASE ON SP79 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_158_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_158_DSI
ALLOCATE INDEX ON SP79 SIZE 1024K,
BASE ON SP79 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_159_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_159_DSI
ALLOCATE INDEX ON SP80 SIZE 1024K,
BASE ON SP80 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_160_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_160_DSI
ALLOCATE INDEX ON SP80 SIZE 1024K,
BASE ON SP80 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_161_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_161_DSI
ALLOCATE INDEX ON SP81 SIZE 1024K,
BASE ON SP81 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_162_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_162_DSI
ALLOCATE INDEX ON SP81 SIZE 1024K,
BASE ON SP81 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_163_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_163_DSI
ALLOCATE INDEX ON SP82 SIZE 1024K,
BASE ON SP82 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_164_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_164_DSI
ALLOCATE INDEX ON SP82 SIZE 1024K,
BASE ON SP82 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_165_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_165_DSI
ALLOCATE INDEX ON SP83 SIZE 1024K,
BASE ON SP83 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_166_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_166_DSI
ALLOCATE INDEX ON SP83 SIZE 1024K,
BASE ON SP83 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_167_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_167_DSI
ALLOCATE INDEX ON SP84 SIZE 1024K,
BASE ON SP84 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_168_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_168_DSI
ALLOCATE INDEX ON SP84 SIZE 1024K,
BASE ON SP84 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_169_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_169_DSI
ALLOCATE INDEX ON SP85 SIZE 1024K,
BASE ON SP85 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_170_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_170_DSI
ALLOCATE INDEX ON SP85 SIZE 1024K,
BASE ON SP85 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_171_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_171_DSI
ALLOCATE INDEX ON SP86 SIZE 1024K,
BASE ON SP86 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_172_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_172_DSI
ALLOCATE INDEX ON SP86 SIZE 1024K,
BASE ON SP86 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_173_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_173_DSI
ALLOCATE INDEX ON SP87 SIZE 1024K,
BASE ON SP87 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_174_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_174_DSI
ALLOCATE INDEX ON SP87 SIZE 1024K,
BASE ON SP87 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_175_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_175_DSI
ALLOCATE INDEX ON SP88 SIZE 1024K,
BASE ON SP88 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_176_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_176_DSI
ALLOCATE INDEX ON SP88 SIZE 1024K,
BASE ON SP88 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_177_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_177_DSI
ALLOCATE INDEX ON SP89 SIZE 1024K,
BASE ON SP89 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_178_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_178_DSI
ALLOCATE INDEX ON SP89 SIZE 1024K,
BASE ON SP89 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_179_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_179_DSI
ALLOCATE INDEX ON SP90 SIZE 1024K,
BASE ON SP90 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_180_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_180_DSI
ALLOCATE INDEX ON SP90 SIZE 1024K,
BASE ON SP90 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_181_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_181_DSI
ALLOCATE INDEX ON SP91 SIZE 1024K,
BASE ON SP91 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_182_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_182_DSI
ALLOCATE INDEX ON SP91 SIZE 1024K,
BASE ON SP91 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_183_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_183_DSI
ALLOCATE INDEX ON SP92 SIZE 1024K,
BASE ON SP92 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_184_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_184_DSI
ALLOCATE INDEX ON SP92 SIZE 1024K,
BASE ON SP92 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_185_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_185_DSI
ALLOCATE INDEX ON SP93 SIZE 1024K,
BASE ON SP93 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_186_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_186_DSI
ALLOCATE INDEX ON SP93 SIZE 1024K,
BASE ON SP93 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_187_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_187_DSI
ALLOCATE INDEX ON SP94 SIZE 1024K,
BASE ON SP94 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_188_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_188_DSI
ALLOCATE INDEX ON SP94 SIZE 1024K,
BASE ON SP94 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_189_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_189_DSI
ALLOCATE INDEX ON SP95 SIZE 1024K,
BASE ON SP95 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_190_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_190_DSI
ALLOCATE INDEX ON SP95 SIZE 1024K,
BASE ON SP95 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_191_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_191_DSI
ALLOCATE INDEX ON SP96 SIZE 1024K,
BASE ON SP96 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_192_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_192_DSI
ALLOCATE INDEX ON SP96 SIZE 1024K,
BASE ON SP96 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_193_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_193_DSI
ALLOCATE INDEX ON SP97 SIZE 1024K,
BASE ON SP97 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_194_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_194_DSI
ALLOCATE INDEX ON SP97 SIZE 1024K,
BASE ON SP97 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_195_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_195_DSI
ALLOCATE INDEX ON SP98 SIZE 1024K,
BASE ON SP98 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_196_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_196_DSI
ALLOCATE INDEX ON SP98 SIZE 1024K,
BASE ON SP98 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_197_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_197_DSI
ALLOCATE INDEX ON SP99 SIZE 1024K,
BASE ON SP99 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_198_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_198_DSI
ALLOCATE INDEX ON SP99 SIZE 1024K,
BASE ON SP99 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_199_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_199_DSI
ALLOCATE INDEX ON SP100 SIZE 1024K,
BASE ON SP100 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_200_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_200_DSI
ALLOCATE INDEX ON SP100 SIZE 1024K,
BASE ON SP100 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_201_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_201_DSI
ALLOCATE INDEX ON SP101 SIZE 1024K,
BASE ON SP101 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_202_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_202_DSI
ALLOCATE INDEX ON SP101 SIZE 1024K,
BASE ON SP101 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_203_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_203_DSI
ALLOCATE INDEX ON SP102 SIZE 1024K,
BASE ON SP102 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_204_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_204_DSI
ALLOCATE INDEX ON SP102 SIZE 1024K,
BASE ON SP102 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_205_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_205_DSI
ALLOCATE INDEX ON SP103 SIZE 1024K,
BASE ON SP103 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_206_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_206_DSI
ALLOCATE INDEX ON SP103 SIZE 1024K,
BASE ON SP103 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_207_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_207_DSI
ALLOCATE INDEX ON SP104 SIZE 1024K,
BASE ON SP104 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_208_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_208_DSI
ALLOCATE INDEX ON SP104 SIZE 1024K,
BASE ON SP104 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_209_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_209_DSI
ALLOCATE INDEX ON SP105 SIZE 1024K,
BASE ON SP105 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_210_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_210_DSI
ALLOCATE INDEX ON SP105 SIZE 1024K,
BASE ON SP105 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_211_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_211_DSI
ALLOCATE INDEX ON SP106 SIZE 1024K,
BASE ON SP106 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_212_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_212_DSI
ALLOCATE INDEX ON SP106 SIZE 1024K,
BASE ON SP106 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_213_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_213_DSI
ALLOCATE INDEX ON SP107 SIZE 1024K,
BASE ON SP107 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_214_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_214_DSI
ALLOCATE INDEX ON SP107 SIZE 1024K,
BASE ON SP107 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_215_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_215_DSI
ALLOCATE INDEX ON SP108 SIZE 1024K,
BASE ON SP108 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_216_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_216_DSI
ALLOCATE INDEX ON SP108 SIZE 1024K,
BASE ON SP108 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_217_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_217_DSI
ALLOCATE INDEX ON SP109 SIZE 1024K,
BASE ON SP109 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_218_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_218_DSI
ALLOCATE INDEX ON SP109 SIZE 1024K,
BASE ON SP109 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_219_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_219_DSI
ALLOCATE INDEX ON SP110 SIZE 1024K,
BASE ON SP110 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_220_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_220_DSI
ALLOCATE INDEX ON SP110 SIZE 1024K,
BASE ON SP110 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_221_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_221_DSI
ALLOCATE INDEX ON SP111 SIZE 1024K,
BASE ON SP111 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_222_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_222_DSI
ALLOCATE INDEX ON SP111 SIZE 1024K,
BASE ON SP111 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_223_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_223_DSI
ALLOCATE INDEX ON SP112 SIZE 1024K,
BASE ON SP112 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_224_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_224_DSI
ALLOCATE INDEX ON SP112 SIZE 1024K,
BASE ON SP112 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_225_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_225_DSI
ALLOCATE INDEX ON SP113 SIZE 1024K,
BASE ON SP113 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_226_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_226_DSI
ALLOCATE INDEX ON SP113 SIZE 1024K,
BASE ON SP113 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_227_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_227_DSI
ALLOCATE INDEX ON SP114 SIZE 1024K,
BASE ON SP114 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_228_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_228_DSI
ALLOCATE INDEX ON SP114 SIZE 1024K,
BASE ON SP114 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_229_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_229_DSI
ALLOCATE INDEX ON SP115 SIZE 1024K,
BASE ON SP115 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_230_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_230_DSI
ALLOCATE INDEX ON SP115 SIZE 1024K,
BASE ON SP115 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_231_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_231_DSI
ALLOCATE INDEX ON SP116 SIZE 1024K,
BASE ON SP116 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_232_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_232_DSI
ALLOCATE INDEX ON SP116 SIZE 1024K,
BASE ON SP116 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_233_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_233_DSI
ALLOCATE INDEX ON SP117 SIZE 1024K,
BASE ON SP117 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_234_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_234_DSI
ALLOCATE INDEX ON SP117 SIZE 1024K,
BASE ON SP117 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_235_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_235_DSI
ALLOCATE INDEX ON SP118 SIZE 1024K,
BASE ON SP118 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_236_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_236_DSI
ALLOCATE INDEX ON SP118 SIZE 1024K,
BASE ON SP118 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_237_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_237_DSI
ALLOCATE INDEX ON SP119 SIZE 1024K,
BASE ON SP119 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_238_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_238_DSI
ALLOCATE INDEX ON SP119 SIZE 1024K,
BASE ON SP119 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_239_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_239_DSI
ALLOCATE INDEX ON SP120 SIZE 1024K,
BASE ON SP120 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_240_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_240_DSI
ALLOCATE INDEX ON SP120 SIZE 1024K,
BASE ON SP120 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_241_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_241_DSI
ALLOCATE INDEX ON SP121 SIZE 1024K,
BASE ON SP121 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_242_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_242_DSI
ALLOCATE INDEX ON SP121 SIZE 1024K,
BASE ON SP121 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_243_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_243_DSI
ALLOCATE INDEX ON SP122 SIZE 1024K,
BASE ON SP122 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_244_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_244_DSI
ALLOCATE INDEX ON SP122 SIZE 1024K,
BASE ON SP122 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_245_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_245_DSI
ALLOCATE INDEX ON SP123 SIZE 1024K,
BASE ON SP123 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_246_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_246_DSI
ALLOCATE INDEX ON SP123 SIZE 1024K,
BASE ON SP123 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_247_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_247_DSI
ALLOCATE INDEX ON SP124 SIZE 1024K,
BASE ON SP124 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_248_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_248_DSI
ALLOCATE INDEX ON SP124 SIZE 1024K,
BASE ON SP124 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_249_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_249_DSI
ALLOCATE INDEX ON SP125 SIZE 1024K,
BASE ON SP125 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_250_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_250_DSI
ALLOCATE INDEX ON SP125 SIZE 1024K,
BASE ON SP125 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_251_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_251_DSI
ALLOCATE INDEX ON SP126 SIZE 1024K,
BASE ON SP126 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_252_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_252_DSI
ALLOCATE INDEX ON SP126 SIZE 1024K,
BASE ON SP126 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_253_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_253_DSI
ALLOCATE INDEX ON SP127 SIZE 1024K,
BASE ON SP127 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_254_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_254_DSI
ALLOCATE INDEX ON SP127 SIZE 1024K,
BASE ON SP127 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_255_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_255_DSI
ALLOCATE INDEX ON SP128 SIZE 1024K,
BASE ON SP128 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_256_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_256_DSI
ALLOCATE INDEX ON SP128 SIZE 1024K,
BASE ON SP128 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_257_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_257_DSI
ALLOCATE INDEX ON SP129 SIZE 1024K,
BASE ON SP129 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_258_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_258_DSI
ALLOCATE INDEX ON SP129 SIZE 1024K,
BASE ON SP129 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_259_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_259_DSI
ALLOCATE INDEX ON SP130 SIZE 1024K,
BASE ON SP130 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_260_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_260_DSI
ALLOCATE INDEX ON SP130 SIZE 1024K,
BASE ON SP130 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_261_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_261_DSI
ALLOCATE INDEX ON SP131 SIZE 1024K,
BASE ON SP131 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_262_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_262_DSI
ALLOCATE INDEX ON SP131 SIZE 1024K,
BASE ON SP131 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_263_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_263_DSI
ALLOCATE INDEX ON SP132 SIZE 1024K,
BASE ON SP132 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_264_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_264_DSI
ALLOCATE INDEX ON SP132 SIZE 1024K,
BASE ON SP132 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_265_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_265_DSI
ALLOCATE INDEX ON SP133 SIZE 1024K,
BASE ON SP133 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_266_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_266_DSI
ALLOCATE INDEX ON SP133 SIZE 1024K,
BASE ON SP133 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_267_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_267_DSI
ALLOCATE INDEX ON SP134 SIZE 1024K,
BASE ON SP134 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_268_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_268_DSI
ALLOCATE INDEX ON SP134 SIZE 1024K,
BASE ON SP134 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_269_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_269_DSI
ALLOCATE INDEX ON SP135 SIZE 1024K,
BASE ON SP135 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_270_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_270_DSI
ALLOCATE INDEX ON SP135 SIZE 1024K,
BASE ON SP135 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_271_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_271_DSI
ALLOCATE INDEX ON SP136 SIZE 1024K,
BASE ON SP136 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_272_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_272_DSI
ALLOCATE INDEX ON SP136 SIZE 1024K,
BASE ON SP136 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_273_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_273_DSI
ALLOCATE INDEX ON SP137 SIZE 1024K,
BASE ON SP137 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_274_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_274_DSI
ALLOCATE INDEX ON SP137 SIZE 1024K,
BASE ON SP137 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_275_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_275_DSI
ALLOCATE INDEX ON SP138 SIZE 1024K,
BASE ON SP138 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_276_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_276_DSI
ALLOCATE INDEX ON SP138 SIZE 1024K,
BASE ON SP138 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_277_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_277_DSI
ALLOCATE INDEX ON SP139 SIZE 1024K,
BASE ON SP139 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_278_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_278_DSI
ALLOCATE INDEX ON SP139 SIZE 1024K,
BASE ON SP139 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_279_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_279_DSI
ALLOCATE INDEX ON SP140 SIZE 1024K,
BASE ON SP140 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_280_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_280_DSI
ALLOCATE INDEX ON SP140 SIZE 1024K,
BASE ON SP140 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_281_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_281_DSI
ALLOCATE INDEX ON SP141 SIZE 1024K,
BASE ON SP141 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_282_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_282_DSI
ALLOCATE INDEX ON SP141 SIZE 1024K,
BASE ON SP141 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_283_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_283_DSI
ALLOCATE INDEX ON SP142 SIZE 1024K,
BASE ON SP142 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_284_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_284_DSI
ALLOCATE INDEX ON SP142 SIZE 1024K,
BASE ON SP142 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_285_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_285_DSI
ALLOCATE INDEX ON SP143 SIZE 1024K,
BASE ON SP143 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_286_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_286_DSI
ALLOCATE INDEX ON SP143 SIZE 1024K,
BASE ON SP143 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_287_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_287_DSI
ALLOCATE INDEX ON SP144 SIZE 1024K,
BASE ON SP144 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_288_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_288_DSI
ALLOCATE INDEX ON SP144 SIZE 1024K,
BASE ON SP144 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_289_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_289_DSI
ALLOCATE INDEX ON SP145 SIZE 1024K,
BASE ON SP145 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_290_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_290_DSI
ALLOCATE INDEX ON SP145 SIZE 1024K,
BASE ON SP145 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_291_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_291_DSI
ALLOCATE INDEX ON SP146 SIZE 1024K,
BASE ON SP146 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_292_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_292_DSI
ALLOCATE INDEX ON SP146 SIZE 1024K,
BASE ON SP146 SIZE 14160K;
```



```
CREATE DSI ORDERS_IX_293_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_293_DSI
ALLOCATE INDEX ON SP147 SIZE 1024K,
BASE ON SP147 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_294_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_294_DSI
ALLOCATE INDEX ON SP147 SIZE 1024K,
BASE ON SP147 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_295_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_295_DSI
ALLOCATE INDEX ON SP148 SIZE 1024K,
BASE ON SP148 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_296_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_296_DSI
ALLOCATE INDEX ON SP148 SIZE 1024K,
BASE ON SP148 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_297_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_297_DSI
ALLOCATE INDEX ON SP149 SIZE 1024K,
BASE ON SP149 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_298_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_298_DSI
ALLOCATE INDEX ON SP149 SIZE 1024K,
BASE ON SP149 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_299_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_299_DSI
ALLOCATE INDEX ON SP150 SIZE 1024K,
BASE ON SP150 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_300_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_300_DSI
ALLOCATE INDEX ON SP150 SIZE 1024K,
BASE ON SP150 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_301_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_301_DSI
ALLOCATE INDEX ON SP151 SIZE 1024K,
BASE ON SP151 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_302_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_302_DSI
ALLOCATE INDEX ON SP151 SIZE 1024K,
BASE ON SP151 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_303_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_303_DSI
ALLOCATE INDEX ON SP152 SIZE 1024K,
BASE ON SP152 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_304_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_304_DSI
ALLOCATE INDEX ON SP152 SIZE 1024K,
BASE ON SP152 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_305_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_305_DSI
ALLOCATE INDEX ON SP153 SIZE 1024K,
BASE ON SP153 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_306_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_306_DSI
ALLOCATE INDEX ON SP153 SIZE 1024K,
BASE ON SP153 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_307_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_307_DSI
ALLOCATE INDEX ON SP154 SIZE 1024K,
BASE ON SP154 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_308_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_308_DSI
ALLOCATE INDEX ON SP154 SIZE 1024K,
BASE ON SP154 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_309_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_309_DSI
ALLOCATE INDEX ON SP155 SIZE 1024K,
BASE ON SP155 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_310_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_310_DSI
ALLOCATE INDEX ON SP155 SIZE 1024K,
BASE ON SP155 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_311_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_311_DSI
ALLOCATE INDEX ON SP156 SIZE 1024K,
BASE ON SP156 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_312_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_312_DSI
ALLOCATE INDEX ON SP156 SIZE 1024K,
BASE ON SP156 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_313_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_313_DSI
ALLOCATE INDEX ON SP157 SIZE 1024K,
BASE ON SP157 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_314_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_314_DSI
ALLOCATE INDEX ON SP157 SIZE 1024K,
BASE ON SP157 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_315_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_315_DSI
ALLOCATE INDEX ON SP158 SIZE 1024K,
BASE ON SP158 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_316_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_316_DSI
ALLOCATE INDEX ON SP158 SIZE 1024K,
BASE ON SP158 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_317_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_317_DSI
ALLOCATE INDEX ON SP159 SIZE 1024K,
BASE ON SP159 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_318_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_318_DSI
ALLOCATE INDEX ON SP159 SIZE 1024K,
BASE ON SP159 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_319_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_319_DSI
ALLOCATE INDEX ON SP160 SIZE 1024K,
BASE ON SP160 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_320_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_320_DSI
ALLOCATE INDEX ON SP160 SIZE 1024K,
BASE ON SP160 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_321_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_321_DSI
ALLOCATE INDEX ON SP161 SIZE 1024K,
BASE ON SP161 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_322_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_322_DSI
ALLOCATE INDEX ON SP161 SIZE 1024K,
BASE ON SP161 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_323_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_323_DSI
ALLOCATE INDEX ON SP162 SIZE 1024K,
BASE ON SP162 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_324_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_324_DSI
ALLOCATE INDEX ON SP162 SIZE 1024K,
BASE ON SP162 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_325_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_325_DSI
ALLOCATE INDEX ON SP163 SIZE 1024K,
BASE ON SP163 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_326_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_326_DSI
ALLOCATE INDEX ON SP163 SIZE 1024K,
BASE ON SP163 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_327_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_327_DSI
ALLOCATE INDEX ON SP164 SIZE 1024K,
BASE ON SP164 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_328_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_328_DSI
ALLOCATE INDEX ON SP164 SIZE 1024K,
BASE ON SP164 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_329_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_329_DSI
ALLOCATE INDEX ON SP165 SIZE 1024K,
BASE ON SP165 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_330_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_330_DSI
ALLOCATE INDEX ON SP165 SIZE 1024K,
BASE ON SP165 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_331_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_331_DSI
ALLOCATE INDEX ON SP166 SIZE 1024K,
BASE ON SP166 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_332_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_332_DSI
ALLOCATE INDEX ON SP166 SIZE 1024K,
BASE ON SP166 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_333_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_333_DSI
ALLOCATE INDEX ON SP167 SIZE 1024K,
BASE ON SP167 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_334_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_334_DSI
ALLOCATE INDEX ON SP167 SIZE 1024K,
BASE ON SP167 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_335_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_335_DSI
ALLOCATE INDEX ON SP168 SIZE 1024K,
BASE ON SP168 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_336_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_336_DSI
ALLOCATE INDEX ON SP168 SIZE 1024K,
BASE ON SP168 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_337_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_337_DSI
ALLOCATE INDEX ON SP169 SIZE 1024K,
BASE ON SP169 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_338_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_338_DSI
ALLOCATE INDEX ON SP169 SIZE 1024K,
BASE ON SP169 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_339_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_339_DSI
ALLOCATE INDEX ON SP170 SIZE 1024K,
BASE ON SP170 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_340_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_340_DSI
ALLOCATE INDEX ON SP170 SIZE 1024K,
BASE ON SP170 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_341_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_341_DSI
ALLOCATE INDEX ON SP171 SIZE 1024K,
BASE ON SP171 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_342_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_342_DSI
ALLOCATE INDEX ON SP171 SIZE 1024K,
BASE ON SP171 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_343_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_343_DSI
ALLOCATE INDEX ON SP172 SIZE 1024K,
BASE ON SP172 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_344_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_344_DSI
ALLOCATE INDEX ON SP172 SIZE 1024K,
BASE ON SP172 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_345_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_345_DSI
ALLOCATE INDEX ON SP173 SIZE 1024K,
BASE ON SP173 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_346_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_346_DSI
ALLOCATE INDEX ON SP173 SIZE 1024K,
BASE ON SP173 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_347_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_347_DSI
ALLOCATE INDEX ON SP174 SIZE 1024K,
BASE ON SP174 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_348_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_348_DSI
ALLOCATE INDEX ON SP174 SIZE 1024K,
BASE ON SP174 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_349_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_349_DSI
ALLOCATE INDEX ON SP175 SIZE 1024K,
BASE ON SP175 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_350_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_350_DSI
ALLOCATE INDEX ON SP175 SIZE 1024K,
BASE ON SP175 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_351_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_351_DSI
ALLOCATE INDEX ON SP176 SIZE 1024K,
BASE ON SP176 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_352_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_352_DSI
ALLOCATE INDEX ON SP176 SIZE 1024K,
BASE ON SP176 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_353_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_353_DSI
ALLOCATE INDEX ON SP177 SIZE 1024K,
BASE ON SP177 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_354_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_354_DSI
ALLOCATE INDEX ON SP177 SIZE 1024K,
BASE ON SP177 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_355_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_355_DSI
ALLOCATE INDEX ON SP178 SIZE 1024K,
BASE ON SP178 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_356_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_356_DSI
ALLOCATE INDEX ON SP178 SIZE 1024K,
BASE ON SP178 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_357_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_357_DSI
ALLOCATE INDEX ON SP179 SIZE 1024K,
BASE ON SP179 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_358_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_358_DSI
ALLOCATE INDEX ON SP179 SIZE 1024K,
BASE ON SP179 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_359_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_359_DSI
ALLOCATE INDEX ON SP180 SIZE 1024K,
BASE ON SP180 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_360_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_360_DSI
ALLOCATE INDEX ON SP180 SIZE 1024K,
BASE ON SP180 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_361_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_361_DSI
ALLOCATE INDEX ON SP181 SIZE 1024K,
BASE ON SP181 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_362_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_362_DSI
ALLOCATE INDEX ON SP181 SIZE 1024K,
BASE ON SP181 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_363_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_363_DSI
ALLOCATE INDEX ON SP182 SIZE 1024K,
BASE ON SP182 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_364_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_364_DSI
ALLOCATE INDEX ON SP182 SIZE 1024K,
BASE ON SP182 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_365_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_365_DSI
ALLOCATE INDEX ON SP183 SIZE 1024K,
BASE ON SP183 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_366_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_366_DSI
ALLOCATE INDEX ON SP183 SIZE 1024K,
BASE ON SP183 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_367_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_367_DSI
ALLOCATE INDEX ON SP184 SIZE 1024K,
BASE ON SP184 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_368_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_368_DSI
ALLOCATE INDEX ON SP184 SIZE 1024K,
BASE ON SP184 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_369_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_369_DSI
ALLOCATE INDEX ON SP185 SIZE 1024K,
BASE ON SP185 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_370_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_370_DSI
ALLOCATE INDEX ON SP185 SIZE 1024K,
BASE ON SP185 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_371_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_371_DSI
ALLOCATE INDEX ON SP186 SIZE 1024K,
BASE ON SP186 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_372_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_372_DSI
ALLOCATE INDEX ON SP186 SIZE 1024K,
BASE ON SP186 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_373_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_373_DSI
ALLOCATE INDEX ON SP187 SIZE 1024K,
BASE ON SP187 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_374_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_374_DSI
ALLOCATE INDEX ON SP187 SIZE 1024K,
BASE ON SP187 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_375_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_375_DSI
ALLOCATE INDEX ON SP188 SIZE 1024K,
BASE ON SP188 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_376_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_376_DSI
ALLOCATE INDEX ON SP188 SIZE 1024K,
BASE ON SP188 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_377_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_377_DSI
ALLOCATE INDEX ON SP189 SIZE 1024K,
BASE ON SP189 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_378_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_378_DSI
ALLOCATE INDEX ON SP189 SIZE 1024K,
BASE ON SP189 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_379_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_379_DSI
ALLOCATE INDEX ON SP190 SIZE 1024K,
BASE ON SP190 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_380_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_380_DSI
ALLOCATE INDEX ON SP190 SIZE 1024K,
BASE ON SP190 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_381_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_381_DSI
ALLOCATE INDEX ON SP191 SIZE 1024K,
BASE ON SP191 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_382_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_382_DSI
ALLOCATE INDEX ON SP191 SIZE 1024K,
BASE ON SP191 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_383_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_383_DSI
ALLOCATE INDEX ON SP192 SIZE 1024K,
BASE ON SP192 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_384_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_384_DSI
ALLOCATE INDEX ON SP192 SIZE 1024K,
BASE ON SP192 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_385_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_385_DSI
ALLOCATE INDEX ON SP193 SIZE 1024K,
BASE ON SP193 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_386_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_386_DSI
ALLOCATE INDEX ON SP193 SIZE 1024K,
BASE ON SP193 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_387_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_387_DSI
ALLOCATE INDEX ON SP194 SIZE 1024K,
BASE ON SP194 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_388_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_388_DSI
ALLOCATE INDEX ON SP194 SIZE 1024K,
BASE ON SP194 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_389_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_389_DSI
ALLOCATE INDEX ON SP195 SIZE 1024K,
BASE ON SP195 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_390_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_390_DSI
ALLOCATE INDEX ON SP195 SIZE 1024K,
BASE ON SP195 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_391_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_391_DSI
ALLOCATE INDEX ON SP196 SIZE 1024K,
BASE ON SP196 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_392_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_392_DSI
ALLOCATE INDEX ON SP196 SIZE 1024K,
BASE ON SP196 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_393_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_393_DSI
ALLOCATE INDEX ON SP197 SIZE 1024K,
BASE ON SP197 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_394_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_394_DSI
ALLOCATE INDEX ON SP197 SIZE 1024K,
BASE ON SP197 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_395_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_395_DSI
ALLOCATE INDEX ON SP198 SIZE 1024K,
BASE ON SP198 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_396_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_396_DSI
ALLOCATE INDEX ON SP198 SIZE 1024K,
BASE ON SP198 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_397_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_397_DSI
ALLOCATE INDEX ON SP199 SIZE 1024K,
BASE ON SP199 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_398_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_398_DSI
ALLOCATE INDEX ON SP199 SIZE 1024K,
BASE ON SP199 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_399_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_399_DSI
ALLOCATE INDEX ON SP200 SIZE 1024K,
BASE ON SP200 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_400_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_400_DSI
ALLOCATE INDEX ON SP200 SIZE 1024K,
BASE ON SP200 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_401_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_401_DSI
ALLOCATE INDEX ON SP201 SIZE 1024K,
BASE ON SP201 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_402_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_402_DSI
ALLOCATE INDEX ON SP201 SIZE 1024K,
BASE ON SP201 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_403_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_403_DSI
ALLOCATE INDEX ON SP202 SIZE 1024K,
BASE ON SP202 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_404_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_404_DSI
ALLOCATE INDEX ON SP202 SIZE 1024K,
BASE ON SP202 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_405_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_405_DSI
ALLOCATE INDEX ON SP203 SIZE 1024K,
BASE ON SP203 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_406_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_406_DSI
ALLOCATE INDEX ON SP203 SIZE 1024K,
BASE ON SP203 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_407_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_407_DSI
ALLOCATE INDEX ON SP204 SIZE 1024K,
BASE ON SP204 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_408_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_408_DSI
ALLOCATE INDEX ON SP204 SIZE 1024K,
BASE ON SP204 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_409_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_409_DSI
ALLOCATE INDEX ON SP205 SIZE 1024K,
BASE ON SP205 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_410_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_410_DSI
ALLOCATE INDEX ON SP205 SIZE 1024K,
BASE ON SP205 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_411_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_411_DSI
ALLOCATE INDEX ON SP206 SIZE 1024K,
BASE ON SP206 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_412_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_412_DSI
ALLOCATE INDEX ON SP206 SIZE 1024K,
BASE ON SP206 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_413_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_413_DSI
ALLOCATE INDEX ON SP207 SIZE 1024K,
BASE ON SP207 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_414_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_414_DSI
ALLOCATE INDEX ON SP207 SIZE 1024K,
BASE ON SP207 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_415_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_415_DSI
ALLOCATE INDEX ON SP208 SIZE 1024K,
BASE ON SP208 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_416_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_416_DSI
ALLOCATE INDEX ON SP208 SIZE 1024K,
BASE ON SP208 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_417_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_417_DSI
ALLOCATE INDEX ON SP209 SIZE 1024K,
BASE ON SP209 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_418_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_418_DSI
ALLOCATE INDEX ON SP209 SIZE 1024K,
BASE ON SP209 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_419_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_419_DSI
ALLOCATE INDEX ON SP210 SIZE 1024K,
BASE ON SP210 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_420_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_420_DSI
ALLOCATE INDEX ON SP210 SIZE 1024K,
BASE ON SP210 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_421_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_421_DSI
ALLOCATE INDEX ON SP211 SIZE 1024K,
BASE ON SP211 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_422_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_422_DSI
ALLOCATE INDEX ON SP211 SIZE 1024K,
BASE ON SP211 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_423_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_423_DSI
ALLOCATE INDEX ON SP212 SIZE 1024K,
BASE ON SP212 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_424_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_424_DSI
ALLOCATE INDEX ON SP212 SIZE 1024K,
BASE ON SP212 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_425_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_425_DSI
ALLOCATE INDEX ON SP213 SIZE 1024K,
BASE ON SP213 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_426_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_426_DSI
ALLOCATE INDEX ON SP213 SIZE 1024K,
BASE ON SP213 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_427_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_427_DSI
ALLOCATE INDEX ON SP214 SIZE 1024K,
BASE ON SP214 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_428_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_428_DSI
ALLOCATE INDEX ON SP214 SIZE 1024K,
BASE ON SP214 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_429_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_429_DSI
ALLOCATE INDEX ON SP215 SIZE 1024K,
BASE ON SP215 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_430_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_430_DSI
ALLOCATE INDEX ON SP215 SIZE 1024K,
BASE ON SP215 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_431_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_431_DSI
ALLOCATE INDEX ON SP216 SIZE 1024K,
BASE ON SP216 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_432_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_432_DSI
ALLOCATE INDEX ON SP216 SIZE 1024K,
BASE ON SP216 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_433_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_433_DSI
ALLOCATE INDEX ON SP217 SIZE 1024K,
BASE ON SP217 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_434_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_434_DSI
ALLOCATE INDEX ON SP217 SIZE 1024K,
BASE ON SP217 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_435_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_435_DSI
ALLOCATE INDEX ON SP218 SIZE 1024K,
BASE ON SP218 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_436_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_436_DSI
ALLOCATE INDEX ON SP218 SIZE 1024K,
BASE ON SP218 SIZE 14160K;
```



```
CREATE DSI ORDERS_IX_437_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_437_DSI
ALLOCATE INDEX ON SP219 SIZE 1024K,
BASE ON SP219 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_438_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_438_DSI
ALLOCATE INDEX ON SP219 SIZE 1024K,
BASE ON SP219 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_439_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_439_DSI
ALLOCATE INDEX ON SP220 SIZE 1024K,
BASE ON SP220 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_440_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_440_DSI
ALLOCATE INDEX ON SP220 SIZE 1024K,
BASE ON SP220 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_441_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_441_DSI
ALLOCATE INDEX ON SP221 SIZE 1024K,
BASE ON SP221 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_442_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_442_DSI
ALLOCATE INDEX ON SP221 SIZE 1024K,
BASE ON SP221 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_443_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_443_DSI
ALLOCATE INDEX ON SP222 SIZE 1024K,
BASE ON SP222 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_444_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_444_DSI
ALLOCATE INDEX ON SP222 SIZE 1024K,
BASE ON SP222 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_445_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_445_DSI
ALLOCATE INDEX ON SP223 SIZE 1024K,
BASE ON SP223 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_446_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_446_DSI
ALLOCATE INDEX ON SP223 SIZE 1024K,
BASE ON SP223 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_447_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_447_DSI
ALLOCATE INDEX ON SP224 SIZE 1024K,
BASE ON SP224 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_448_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_448_DSI
ALLOCATE INDEX ON SP224 SIZE 1024K,
BASE ON SP224 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_449_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_449_DSI
ALLOCATE INDEX ON SP225 SIZE 1024K,
BASE ON SP225 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_450_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_450_DSI
ALLOCATE INDEX ON SP225 SIZE 1024K,
BASE ON SP225 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_451_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_451_DSI
ALLOCATE INDEX ON SP226 SIZE 1024K,
BASE ON SP226 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_452_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_452_DSI
ALLOCATE INDEX ON SP226 SIZE 1024K,
BASE ON SP226 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_453_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_453_DSI
ALLOCATE INDEX ON SP227 SIZE 1024K,
BASE ON SP227 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_454_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_454_DSI
ALLOCATE INDEX ON SP227 SIZE 1024K,
BASE ON SP227 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_455_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_455_DSI
ALLOCATE INDEX ON SP228 SIZE 1024K,
BASE ON SP228 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_456_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_456_DSI
ALLOCATE INDEX ON SP228 SIZE 1024K,
BASE ON SP228 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_457_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_457_DSI
ALLOCATE INDEX ON SP229 SIZE 1024K,
BASE ON SP229 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_458_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_458_DSI
ALLOCATE INDEX ON SP229 SIZE 1024K,
BASE ON SP229 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_459_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_459_DSI
ALLOCATE INDEX ON SP230 SIZE 1024K,
BASE ON SP230 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_460_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_460_DSI
ALLOCATE INDEX ON SP230 SIZE 1024K,
BASE ON SP230 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_461_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_461_DSI
ALLOCATE INDEX ON SP231 SIZE 1024K,
BASE ON SP231 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_462_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_462_DSI
ALLOCATE INDEX ON SP231 SIZE 1024K,
BASE ON SP231 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_463_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_463_DSI
ALLOCATE INDEX ON SP232 SIZE 1024K,
BASE ON SP232 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_464_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_464_DSI
ALLOCATE INDEX ON SP232 SIZE 1024K,
BASE ON SP232 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_465_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_465_DSI
ALLOCATE INDEX ON SP233 SIZE 1024K,
BASE ON SP233 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_466_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_466_DSI
ALLOCATE INDEX ON SP233 SIZE 1024K,
BASE ON SP233 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_467_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_467_DSI
ALLOCATE INDEX ON SP234 SIZE 1024K,
BASE ON SP234 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_468_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_468_DSI
ALLOCATE INDEX ON SP234 SIZE 1024K,
BASE ON SP234 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_469_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_469_DSI
ALLOCATE INDEX ON SP235 SIZE 1024K,
BASE ON SP235 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_470_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_470_DSI
ALLOCATE INDEX ON SP235 SIZE 1024K,
BASE ON SP235 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_471_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_471_DSI
ALLOCATE INDEX ON SP236 SIZE 1024K,
BASE ON SP236 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_472_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_472_DSI
ALLOCATE INDEX ON SP236 SIZE 1024K,
BASE ON SP236 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_473_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_473_DSI
ALLOCATE INDEX ON SP237 SIZE 1024K,
BASE ON SP237 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_474_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_474_DSI
ALLOCATE INDEX ON SP237 SIZE 1024K,
BASE ON SP237 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_475_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_475_DSI
ALLOCATE INDEX ON SP238 SIZE 1024K,
BASE ON SP238 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_476_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_476_DSI
ALLOCATE INDEX ON SP238 SIZE 1024K,
BASE ON SP238 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_477_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_477_DSI
ALLOCATE INDEX ON SP239 SIZE 1024K,
BASE ON SP239 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_478_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_478_DSI
ALLOCATE INDEX ON SP239 SIZE 1024K,
BASE ON SP239 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_479_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_479_DSI
ALLOCATE INDEX ON SP240 SIZE 1024K,
BASE ON SP240 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_480_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_480_DSI
ALLOCATE INDEX ON SP240 SIZE 1024K,
BASE ON SP240 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_481_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_481_DSI
ALLOCATE INDEX ON SP241 SIZE 1024K,
BASE ON SP241 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_482_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_482_DSI
ALLOCATE INDEX ON SP241 SIZE 1024K,
BASE ON SP241 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_483_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_483_DSI
ALLOCATE INDEX ON SP242 SIZE 1024K,
BASE ON SP242 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_484_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_484_DSI
ALLOCATE INDEX ON SP242 SIZE 1024K,
BASE ON SP242 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_485_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_485_DSI
ALLOCATE INDEX ON SP243 SIZE 1024K,
BASE ON SP243 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_486_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_486_DSI
ALLOCATE INDEX ON SP243 SIZE 1024K,
BASE ON SP243 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_487_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_487_DSI
ALLOCATE INDEX ON SP244 SIZE 1024K,
BASE ON SP244 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_488_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_488_DSI
ALLOCATE INDEX ON SP244 SIZE 1024K,
BASE ON SP244 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_489_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_489_DSI
ALLOCATE INDEX ON SP245 SIZE 1024K,
BASE ON SP245 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_490_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_490_DSI
ALLOCATE INDEX ON SP245 SIZE 1024K,
BASE ON SP245 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_491_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_491_DSI
ALLOCATE INDEX ON SP246 SIZE 1024K,
BASE ON SP246 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_492_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_492_DSI
ALLOCATE INDEX ON SP246 SIZE 1024K,
BASE ON SP246 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_493_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_493_DSI
ALLOCATE INDEX ON SP247 SIZE 1024K,
BASE ON SP247 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_494_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_494_DSI
ALLOCATE INDEX ON SP247 SIZE 1024K,
BASE ON SP247 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_495_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_495_DSI
ALLOCATE INDEX ON SP248 SIZE 1024K,
BASE ON SP248 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_496_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_496_DSI
ALLOCATE INDEX ON SP248 SIZE 1024K,
BASE ON SP248 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_497_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_497_DSI
ALLOCATE INDEX ON SP249 SIZE 1024K,
BASE ON SP249 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_498_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_498_DSI
ALLOCATE INDEX ON SP249 SIZE 1024K,
BASE ON SP249 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_499_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_499_DSI
ALLOCATE INDEX ON SP250 SIZE 1024K,
BASE ON SP250 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_500_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_500_DSI
ALLOCATE INDEX ON SP250 SIZE 1024K,
BASE ON SP250 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_501_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_501_DSI
ALLOCATE INDEX ON SP251 SIZE 1024K,
BASE ON SP251 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_502_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_502_DSI
ALLOCATE INDEX ON SP251 SIZE 1024K,
BASE ON SP251 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_503_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_503_DSI
ALLOCATE INDEX ON SP252 SIZE 1024K,
BASE ON SP252 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_504_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_504_DSI
ALLOCATE INDEX ON SP252 SIZE 1024K,
BASE ON SP252 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_505_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_505_DSI
ALLOCATE INDEX ON SP253 SIZE 1024K,
BASE ON SP253 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_506_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_506_DSI
ALLOCATE INDEX ON SP253 SIZE 1024K,
BASE ON SP253 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_507_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_507_DSI
ALLOCATE INDEX ON SP254 SIZE 1024K,
BASE ON SP254 SIZE 14160K;
```

```
CREATE DSI ORDERS_IX_508_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_508_DSI
ALLOCATE INDEX ON SP254 SIZE 1024K,
BASE ON SP254 SIZE 14160K;
```

```

CREATE DSI ORDERS_IX_509_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_509_DSI
ALLOCATE INDEX ON SP255 SIZE 1024K,
BASE ON SP255 SIZE 14160K;

CREATE DSI ORDERS_IX_510_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_510_DSI
ALLOCATE INDEX ON SP255 SIZE 1024K,
BASE ON SP255 SIZE 14160K;

CREATE DSI ORDERS_IX_511_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_511_DSI
ALLOCATE INDEX ON SP256 SIZE 1024K,
BASE ON SP256 SIZE 14160K;

CREATE DSI ORDERS_IX_512_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_512_DSI
ALLOCATE INDEX ON SP256 SIZE 1024K,
BASE ON SP256 SIZE 14160K;

CREATE DSI ORDERS_IX_513_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_513_DSI
ALLOCATE INDEX ON SP257 SIZE 1024K,
BASE ON SP257 SIZE 14160K;

CREATE DSI ORDERS_IX_514_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_514_DSI
ALLOCATE INDEX ON SP257 SIZE 1024K,
BASE ON SP257 SIZE 14160K;

CREATE DSI ORDERS_IX_515_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_515_DSI
ALLOCATE INDEX ON SP258 SIZE 1024K,
BASE ON SP258 SIZE 14160K;

CREATE DSI ORDERS_IX_516_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_516_DSI
ALLOCATE INDEX ON SP258 SIZE 1024K,
BASE ON SP258 SIZE 14160K;

CREATE DSI ORDERS_IX_517_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_517_DSI
ALLOCATE INDEX ON SP259 SIZE 1024K,
BASE ON SP259 SIZE 14160K;

CREATE DSI ORDERS_IX_518_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_518_DSI
ALLOCATE INDEX ON SP259 SIZE 1024K,
BASE ON SP259 SIZE 14160K;

CREATE DSI ORDERS_IX_519_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_519_DSI
ALLOCATE INDEX ON SP260 SIZE 1024K,
BASE ON SP260 SIZE 14160K;

CREATE DSI ORDERS_IX_520_DSI
INDEX
DSO ORDERS_IX_DSO
BASE ORDERS_520_DSI
ALLOCATE INDEX ON SP260 SIZE 1024K,
BASE ON SP260 SIZE 14160K;

-----
-- * Phase.2-5a: OrderLine
-----
CREATE DSO ORDERLINE_DSO
FROM TPCC_SCHEMA.ORDERLINE
TYPE
RANDOM(PAGESIZE1(32),PAGESIZE2(8),RULE((OL_O_ID/30)*110+OL_W_ID*1
0+OL_D_ID+(OL_NUMBER+(OL_O_ID-((OL_O_ID/30)*30))*15)*13757))
WHERE (OL_W_ID) BETWEEN (?) AND (?);

CREATE DSI ORDERLIN_1_DSI
DSO ORDERLINE_DSO
USING(1,11)
ALLOCATE PRIME ON SP1 SIZE 440256K,
OVERFLOW ON SP1 SIZE 1760K;

CREATE DSI ORDERLIN_2_DSI
DSO ORDERLINE_DSO
USING(12,22)
ALLOCATE PRIME ON SP1 SIZE 440256K,
OVERFLOW ON SP1 SIZE 1760K;

CREATE DSI ORDERLIN_3_DSI
DSO ORDERLINE_DSO
USING(23,33)
ALLOCATE PRIME ON SP2 SIZE 440256K,
OVERFLOW ON SP2 SIZE 1760K;

CREATE DSI ORDERLIN_4_DSI
DSO ORDERLINE_DSO
USING(34,44)
ALLOCATE PRIME ON SP2 SIZE 440256K,
OVERFLOW ON SP2 SIZE 1760K;

CREATE DSI ORDERLIN_5_DSI
DSO ORDERLINE_DSO
USING(45,55)
ALLOCATE PRIME ON SP3 SIZE 440256K,
OVERFLOW ON SP3 SIZE 1760K;

CREATE DSI ORDERLIN_6_DSI
DSO ORDERLINE_DSO

```

```
        USING(56,66)
        ALLOCATE PRIME   ON SP3 SIZE 440256K,
            OVERFLOW ON SP3 SIZE 1760K;

CREATE DSI ORDERLIN_7_DSI
DSO ORDERLINE_DSO
USING(67,77)
        ALLOCATE PRIME   ON SP4 SIZE 440256K,
            OVERFLOW ON SP4 SIZE 1760K;

CREATE DSI ORDERLIN_8_DSI
DSO ORDERLINE_DSO
USING(78,88)
        ALLOCATE PRIME   ON SP4 SIZE 440256K,
            OVERFLOW ON SP4 SIZE 1760K;

CREATE DSI ORDERLIN_9_DSI
DSO ORDERLINE_DSO
USING(89,99)
        ALLOCATE PRIME   ON SP5 SIZE 440256K,
            OVERFLOW ON SP5 SIZE 1760K;

CREATE DSI ORDERLIN_10_DSI
DSO ORDERLINE_DSO
USING(100,110)
        ALLOCATE PRIME   ON SP5 SIZE 440256K,
            OVERFLOW ON SP5 SIZE 1760K;

CREATE DSI ORDERLIN_11_DSI
DSO ORDERLINE_DSO
USING(111,121)
        ALLOCATE PRIME   ON SP6 SIZE 440256K,
            OVERFLOW ON SP6 SIZE 1760K;

CREATE DSI ORDERLIN_12_DSI
DSO ORDERLINE_DSO
USING(122,132)
        ALLOCATE PRIME   ON SP6 SIZE 440256K,
            OVERFLOW ON SP6 SIZE 1760K;

CREATE DSI ORDERLIN_13_DSI
DSO ORDERLINE_DSO
USING(133,143)
        ALLOCATE PRIME   ON SP7 SIZE 440256K,
            OVERFLOW ON SP7 SIZE 1760K;

CREATE DSI ORDERLIN_14_DSI
DSO ORDERLINE_DSO
USING(144,154)
        ALLOCATE PRIME   ON SP7 SIZE 440256K,
            OVERFLOW ON SP7 SIZE 1760K;

CREATE DSI ORDERLIN_15_DSI
DSO ORDERLINE_DSO
USING(155,165)
        ALLOCATE PRIME   ON SP8 SIZE 440256K,
            OVERFLOW ON SP8 SIZE 1760K;

CREATE DSI ORDERLIN_16_DSI
DSO ORDERLINE_DSO
USING(166,176)
        ALLOCATE PRIME   ON SP8 SIZE 440256K,
            OVERFLOW ON SP8 SIZE 1760K;

CREATE DSI ORDERLIN_17_DSI
DSO ORDERLINE_DSO
USING(177,187)
        ALLOCATE PRIME   ON SP9 SIZE 440256K,
            OVERFLOW ON SP9 SIZE 1760K;

CREATE DSI ORDERLIN_18_DSI
DSO ORDERLINE_DSO
USING(188,198)
        ALLOCATE PRIME   ON SP9 SIZE 440256K,
            OVERFLOW ON SP9 SIZE 1760K;

CREATE DSI ORDERLIN_19_DSI
DSO ORDERLINE_DSO
USING(199,209)
        ALLOCATE PRIME   ON SP10 SIZE 440256K,
            OVERFLOW ON SP10 SIZE 1760K;

CREATE DSI ORDERLIN_20_DSI
DSO ORDERLINE_DSO
USING(210,220)
        ALLOCATE PRIME   ON SP10 SIZE 440256K,
            OVERFLOW ON SP10 SIZE 1760K;

CREATE DSI ORDERLIN_21_DSI
DSO ORDERLINE_DSO
USING(221,231)
        ALLOCATE PRIME   ON SP11 SIZE 440256K,
            OVERFLOW ON SP11 SIZE 1760K;

CREATE DSI ORDERLIN_22_DSI
DSO ORDERLINE_DSO
USING(232,242)
        ALLOCATE PRIME   ON SP11 SIZE 440256K,
            OVERFLOW ON SP11 SIZE 1760K;

CREATE DSI ORDERLIN_23_DSI
DSO ORDERLINE_DSO
USING(243,253)
        ALLOCATE PRIME   ON SP12 SIZE 440256K,
            OVERFLOW ON SP12 SIZE 1760K;

CREATE DSI ORDERLIN_24_DSI
DSO ORDERLINE_DSO
USING(254,264)
        ALLOCATE PRIME   ON SP12 SIZE 440256K,
            OVERFLOW ON SP12 SIZE 1760K;

CREATE DSI ORDERLIN_25_DSI
DSO ORDERLINE_DSO
USING(265,275)
        ALLOCATE PRIME   ON SP13 SIZE 440256K,
            OVERFLOW ON SP13 SIZE 1760K;

CREATE DSI ORDERLIN_26_DSI
DSO ORDERLINE_DSO
USING(276,286)
        ALLOCATE PRIME   ON SP13 SIZE 440256K,
            OVERFLOW ON SP13 SIZE 1760K;

CREATE DSI ORDERLIN_27_DSI
DSO ORDERLINE_DSO
```

```

        USING(287,297)
        ALLOCATE PRIME ON SP14 SIZE 440256K,
        OVERFLOW ON SP14 SIZE 1760K;

CREATE DSI ORDERLIN_28_DSI
DSO ORDERLINE_DSO
USING(298,308)
ALLOCATE PRIME ON SP14 SIZE 440256K,
OVERFLOW ON SP14 SIZE 1760K;

CREATE DSI ORDERLIN_29_DSI
DSO ORDERLINE_DSO
USING(309,319)
ALLOCATE PRIME ON SP15 SIZE 440256K,
OVERFLOW ON SP15 SIZE 1760K;

CREATE DSI ORDERLIN_30_DSI
DSO ORDERLINE_DSO
USING(320,330)
ALLOCATE PRIME ON SP15 SIZE 440256K,
OVERFLOW ON SP15 SIZE 1760K;

CREATE DSI ORDERLIN_31_DSI
DSO ORDERLINE_DSO
USING(331,341)
ALLOCATE PRIME ON SP16 SIZE 440256K,
OVERFLOW ON SP16 SIZE 1760K;

CREATE DSI ORDERLIN_32_DSI
DSO ORDERLINE_DSO
USING(342,352)
ALLOCATE PRIME ON SP16 SIZE 440256K,
OVERFLOW ON SP16 SIZE 1760K;

CREATE DSI ORDERLIN_33_DSI
DSO ORDERLINE_DSO
USING(353,363)
ALLOCATE PRIME ON SP17 SIZE 440256K,
OVERFLOW ON SP17 SIZE 1760K;

CREATE DSI ORDERLIN_34_DSI
DSO ORDERLINE_DSO
USING(364,374)
ALLOCATE PRIME ON SP17 SIZE 440256K,
OVERFLOW ON SP17 SIZE 1760K;

CREATE DSI ORDERLIN_35_DSI
DSO ORDERLINE_DSO
USING(375,385)
ALLOCATE PRIME ON SP18 SIZE 440256K,
OVERFLOW ON SP18 SIZE 1760K;

CREATE DSI ORDERLIN_36_DSI
DSO ORDERLINE_DSO
USING(386,396)
ALLOCATE PRIME ON SP18 SIZE 440256K,
OVERFLOW ON SP18 SIZE 1760K;

CREATE DSI ORDERLIN_37_DSI
DSO ORDERLINE_DSO
USING(397,407)
ALLOCATE PRIME ON SP19 SIZE 440256K,
OVERFLOW ON SP19 SIZE 1760K;

CREATE DSI ORDERLIN_38_DSI
DSO ORDERLINE_DSO
USING(408,418)
ALLOCATE PRIME ON SP19 SIZE 440256K,
OVERFLOW ON SP19 SIZE 1760K;

CREATE DSI ORDERLIN_39_DSI
DSO ORDERLINE_DSO
USING(419,429)
ALLOCATE PRIME ON SP20 SIZE 440256K,
OVERFLOW ON SP20 SIZE 1760K;

CREATE DSI ORDERLIN_40_DSI
DSO ORDERLINE_DSO
USING(430,440)
ALLOCATE PRIME ON SP20 SIZE 440256K,
OVERFLOW ON SP20 SIZE 1760K;

CREATE DSI ORDERLIN_41_DSI
DSO ORDERLINE_DSO
USING(441,451)
ALLOCATE PRIME ON SP21 SIZE 440256K,
OVERFLOW ON SP21 SIZE 1760K;

CREATE DSI ORDERLIN_42_DSI
DSO ORDERLINE_DSO
USING(452,462)
ALLOCATE PRIME ON SP21 SIZE 440256K,
OVERFLOW ON SP21 SIZE 1760K;

CREATE DSI ORDERLIN_43_DSI
DSO ORDERLINE_DSO
USING(463,473)
ALLOCATE PRIME ON SP22 SIZE 440256K,
OVERFLOW ON SP22 SIZE 1760K;

CREATE DSI ORDERLIN_44_DSI
DSO ORDERLINE_DSO
USING(474,484)
ALLOCATE PRIME ON SP22 SIZE 440256K,
OVERFLOW ON SP22 SIZE 1760K;

CREATE DSI ORDERLIN_45_DSI
DSO ORDERLINE_DSO
USING(485,495)
ALLOCATE PRIME ON SP23 SIZE 440256K,
OVERFLOW ON SP23 SIZE 1760K;

CREATE DSI ORDERLIN_46_DSI
DSO ORDERLINE_DSO
USING(496,506)
ALLOCATE PRIME ON SP23 SIZE 440256K,
OVERFLOW ON SP23 SIZE 1760K;

CREATE DSI ORDERLIN_47_DSI
DSO ORDERLINE_DSO
USING(507,517)
ALLOCATE PRIME ON SP24 SIZE 440256K,
OVERFLOW ON SP24 SIZE 1760K;

CREATE DSI ORDERLIN_48_DSI
DSO ORDERLINE_DSO

```

```
        USING(518,528)
        ALLOCATE PRIME   ON SP24 SIZE 440256K,
            OVERFLOW ON SP24 SIZE 1760K;

CREATE DSI ORDERLIN_49_DSI
DSO ORDERLINE_DSO
USING(529,539)
        ALLOCATE PRIME   ON SP25 SIZE 440256K,
            OVERFLOW ON SP25 SIZE 1760K;

CREATE DSI ORDERLIN_50_DSI
DSO ORDERLINE_DSO
USING(540,550)
        ALLOCATE PRIME   ON SP25 SIZE 440256K,
            OVERFLOW ON SP25 SIZE 1760K;

CREATE DSI ORDERLIN_51_DSI
DSO ORDERLINE_DSO
USING(551,561)
        ALLOCATE PRIME   ON SP26 SIZE 440256K,
            OVERFLOW ON SP26 SIZE 1760K;

CREATE DSI ORDERLIN_52_DSI
DSO ORDERLINE_DSO
USING(562,572)
        ALLOCATE PRIME   ON SP26 SIZE 440256K,
            OVERFLOW ON SP26 SIZE 1760K;

CREATE DSI ORDERLIN_53_DSI
DSO ORDERLINE_DSO
USING(573,583)
        ALLOCATE PRIME   ON SP27 SIZE 440256K,
            OVERFLOW ON SP27 SIZE 1760K;

CREATE DSI ORDERLIN_54_DSI
DSO ORDERLINE_DSO
USING(584,594)
        ALLOCATE PRIME   ON SP27 SIZE 440256K,
            OVERFLOW ON SP27 SIZE 1760K;

CREATE DSI ORDERLIN_55_DSI
DSO ORDERLINE_DSO
USING(595,605)
        ALLOCATE PRIME   ON SP28 SIZE 440256K,
            OVERFLOW ON SP28 SIZE 1760K;

CREATE DSI ORDERLIN_56_DSI
DSO ORDERLINE_DSO
USING(606,616)
        ALLOCATE PRIME   ON SP28 SIZE 440256K,
            OVERFLOW ON SP28 SIZE 1760K;

CREATE DSI ORDERLIN_57_DSI
DSO ORDERLINE_DSO
USING(617,627)
        ALLOCATE PRIME   ON SP29 SIZE 440256K,
            OVERFLOW ON SP29 SIZE 1760K;

CREATE DSI ORDERLIN_58_DSI
DSO ORDERLINE_DSO
USING(628,638)
        ALLOCATE PRIME   ON SP29 SIZE 440256K,
            OVERFLOW ON SP29 SIZE 1760K;

CREATE DSI ORDERLIN_59_DSI
DSO ORDERLINE_DSO
USING(639,649)
        ALLOCATE PRIME   ON SP30 SIZE 440256K,
            OVERFLOW ON SP30 SIZE 1760K;

CREATE DSI ORDERLIN_60_DSI
DSO ORDERLINE_DSO
USING(650,660)
        ALLOCATE PRIME   ON SP30 SIZE 440256K,
            OVERFLOW ON SP30 SIZE 1760K;

CREATE DSI ORDERLIN_61_DSI
DSO ORDERLINE_DSO
USING(661,671)
        ALLOCATE PRIME   ON SP31 SIZE 440256K,
            OVERFLOW ON SP31 SIZE 1760K;

CREATE DSI ORDERLIN_62_DSI
DSO ORDERLINE_DSO
USING(672,682)
        ALLOCATE PRIME   ON SP31 SIZE 440256K,
            OVERFLOW ON SP31 SIZE 1760K;

CREATE DSI ORDERLIN_63_DSI
DSO ORDERLINE_DSO
USING(683,693)
        ALLOCATE PRIME   ON SP32 SIZE 440256K,
            OVERFLOW ON SP32 SIZE 1760K;

CREATE DSI ORDERLIN_64_DSI
DSO ORDERLINE_DSO
USING(694,704)
        ALLOCATE PRIME   ON SP32 SIZE 440256K,
            OVERFLOW ON SP32 SIZE 1760K;

CREATE DSI ORDERLIN_65_DSI
DSO ORDERLINE_DSO
USING(705,715)
        ALLOCATE PRIME   ON SP33 SIZE 440256K,
            OVERFLOW ON SP33 SIZE 1760K;

CREATE DSI ORDERLIN_66_DSI
DSO ORDERLINE_DSO
USING(716,726)
        ALLOCATE PRIME   ON SP33 SIZE 440256K,
            OVERFLOW ON SP33 SIZE 1760K;

CREATE DSI ORDERLIN_67_DSI
DSO ORDERLINE_DSO
USING(727,737)
        ALLOCATE PRIME   ON SP34 SIZE 440256K,
            OVERFLOW ON SP34 SIZE 1760K;

CREATE DSI ORDERLIN_68_DSI
DSO ORDERLINE_DSO
USING(738,748)
        ALLOCATE PRIME   ON SP34 SIZE 440256K,
            OVERFLOW ON SP34 SIZE 1760K;

CREATE DSI ORDERLIN_69_DSI
DSO ORDERLINE_DSO
```



```

        USING(749,759)
        ALLOCATE PRIME ON SP35 SIZE 440256K,
        OVERFLOW ON SP35 SIZE 1760K;

CREATE DSI ORDERLIN_70_DSI
DSO ORDERLINE_DSO
USING(760,770)
ALLOCATE PRIME ON SP35 SIZE 440256K,
OVERFLOW ON SP35 SIZE 1760K;

CREATE DSI ORDERLIN_71_DSI
DSO ORDERLINE_DSO
USING(771,781)
ALLOCATE PRIME ON SP36 SIZE 440256K,
OVERFLOW ON SP36 SIZE 1760K;

CREATE DSI ORDERLIN_72_DSI
DSO ORDERLINE_DSO
USING(782,792)
ALLOCATE PRIME ON SP36 SIZE 440256K,
OVERFLOW ON SP36 SIZE 1760K;

CREATE DSI ORDERLIN_73_DSI
DSO ORDERLINE_DSO
USING(793,803)
ALLOCATE PRIME ON SP37 SIZE 440256K,
OVERFLOW ON SP37 SIZE 1760K;

CREATE DSI ORDERLIN_74_DSI
DSO ORDERLINE_DSO
USING(804,814)
ALLOCATE PRIME ON SP37 SIZE 440256K,
OVERFLOW ON SP37 SIZE 1760K;

CREATE DSI ORDERLIN_75_DSI
DSO ORDERLINE_DSO
USING(815,825)
ALLOCATE PRIME ON SP38 SIZE 440256K,
OVERFLOW ON SP38 SIZE 1760K;

CREATE DSI ORDERLIN_76_DSI
DSO ORDERLINE_DSO
USING(826,836)
ALLOCATE PRIME ON SP38 SIZE 440256K,
OVERFLOW ON SP38 SIZE 1760K;

CREATE DSI ORDERLIN_77_DSI
DSO ORDERLINE_DSO
USING(837,847)
ALLOCATE PRIME ON SP39 SIZE 440256K,
OVERFLOW ON SP39 SIZE 1760K;

CREATE DSI ORDERLIN_78_DSI
DSO ORDERLINE_DSO
USING(848,858)
ALLOCATE PRIME ON SP39 SIZE 440256K,
OVERFLOW ON SP39 SIZE 1760K;

CREATE DSI ORDERLIN_79_DSI
DSO ORDERLINE_DSO
USING(859,869)
ALLOCATE PRIME ON SP40 SIZE 440256K,
OVERFLOW ON SP40 SIZE 1760K;

CREATE DSI ORDERLIN_80_DSI
DSO ORDERLINE_DSO
USING(870,880)
ALLOCATE PRIME ON SP40 SIZE 440256K,
OVERFLOW ON SP40 SIZE 1760K;

CREATE DSI ORDERLIN_81_DSI
DSO ORDERLINE_DSO
USING(881,891)
ALLOCATE PRIME ON SP41 SIZE 440256K,
OVERFLOW ON SP41 SIZE 1760K;

CREATE DSI ORDERLIN_82_DSI
DSO ORDERLINE_DSO
USING(892,902)
ALLOCATE PRIME ON SP41 SIZE 440256K,
OVERFLOW ON SP41 SIZE 1760K;

CREATE DSI ORDERLIN_83_DSI
DSO ORDERLINE_DSO
USING(903,913)
ALLOCATE PRIME ON SP42 SIZE 440256K,
OVERFLOW ON SP42 SIZE 1760K;

CREATE DSI ORDERLIN_84_DSI
DSO ORDERLINE_DSO
USING(914,924)
ALLOCATE PRIME ON SP42 SIZE 440256K,
OVERFLOW ON SP42 SIZE 1760K;

CREATE DSI ORDERLIN_85_DSI
DSO ORDERLINE_DSO
USING(925,935)
ALLOCATE PRIME ON SP43 SIZE 440256K,
OVERFLOW ON SP43 SIZE 1760K;

CREATE DSI ORDERLIN_86_DSI
DSO ORDERLINE_DSO
USING(936,946)
ALLOCATE PRIME ON SP43 SIZE 440256K,
OVERFLOW ON SP43 SIZE 1760K;

CREATE DSI ORDERLIN_87_DSI
DSO ORDERLINE_DSO
USING(947,957)
ALLOCATE PRIME ON SP44 SIZE 440256K,
OVERFLOW ON SP44 SIZE 1760K;

CREATE DSI ORDERLIN_88_DSI
DSO ORDERLINE_DSO
USING(958,968)
ALLOCATE PRIME ON SP44 SIZE 440256K,
OVERFLOW ON SP44 SIZE 1760K;

CREATE DSI ORDERLIN_89_DSI
DSO ORDERLINE_DSO
USING(969,979)
ALLOCATE PRIME ON SP45 SIZE 440256K,
OVERFLOW ON SP45 SIZE 1760K;

CREATE DSI ORDERLIN_90_DSI
DSO ORDERLINE_DSO

```

```
        USING(980,990)
        ALLOCATE PRIME   ON SP45 SIZE 440256K,
            OVERFLOW ON SP45 SIZE 1760K;

CREATE DSI ORDERLIN_91_DSI
DSO ORDERLINE_DSO
USING(991,1001)
        ALLOCATE PRIME   ON SP46 SIZE 440256K,
            OVERFLOW ON SP46 SIZE 1760K;

CREATE DSI ORDERLIN_92_DSI
DSO ORDERLINE_DSO
USING(1002,1012)
        ALLOCATE PRIME   ON SP46 SIZE 440256K,
            OVERFLOW ON SP46 SIZE 1760K;

CREATE DSI ORDERLIN_93_DSI
DSO ORDERLINE_DSO
USING(1013,1023)
        ALLOCATE PRIME   ON SP47 SIZE 440256K,
            OVERFLOW ON SP47 SIZE 1760K;

CREATE DSI ORDERLIN_94_DSI
DSO ORDERLINE_DSO
USING(1024,1034)
        ALLOCATE PRIME   ON SP47 SIZE 440256K,
            OVERFLOW ON SP47 SIZE 1760K;

CREATE DSI ORDERLIN_95_DSI
DSO ORDERLINE_DSO
USING(1035,1045)
        ALLOCATE PRIME   ON SP48 SIZE 440256K,
            OVERFLOW ON SP48 SIZE 1760K;

CREATE DSI ORDERLIN_96_DSI
DSO ORDERLINE_DSO
USING(1046,1056)
        ALLOCATE PRIME   ON SP48 SIZE 440256K,
            OVERFLOW ON SP48 SIZE 1760K;

CREATE DSI ORDERLIN_97_DSI
DSO ORDERLINE_DSO
USING(1057,1067)
        ALLOCATE PRIME   ON SP49 SIZE 440256K,
            OVERFLOW ON SP49 SIZE 1760K;

CREATE DSI ORDERLIN_98_DSI
DSO ORDERLINE_DSO
USING(1068,1078)
        ALLOCATE PRIME   ON SP49 SIZE 440256K,
            OVERFLOW ON SP49 SIZE 1760K;

CREATE DSI ORDERLIN_99_DSI
DSO ORDERLINE_DSO
USING(1079,1089)
        ALLOCATE PRIME   ON SP50 SIZE 440256K,
            OVERFLOW ON SP50 SIZE 1760K;

CREATE DSI ORDERLIN_100_DSI
DSO ORDERLINE_DSO
USING(1090,1100)
        ALLOCATE PRIME   ON SP50 SIZE 440256K,
            OVERFLOW ON SP50 SIZE 1760K;

CREATE DSI ORDERLIN_101_DSI
DSO ORDERLINE_DSO
USING(1101,1111)
        ALLOCATE PRIME   ON SP51 SIZE 440256K,
            OVERFLOW ON SP51 SIZE 1760K;

CREATE DSI ORDERLIN_102_DSI
DSO ORDERLINE_DSO
USING(1112,1122)
        ALLOCATE PRIME   ON SP51 SIZE 440256K,
            OVERFLOW ON SP51 SIZE 1760K;

CREATE DSI ORDERLIN_103_DSI
DSO ORDERLINE_DSO
USING(1123,1133)
        ALLOCATE PRIME   ON SP52 SIZE 440256K,
            OVERFLOW ON SP52 SIZE 1760K;

CREATE DSI ORDERLIN_104_DSI
DSO ORDERLINE_DSO
USING(1134,1144)
        ALLOCATE PRIME   ON SP52 SIZE 440256K,
            OVERFLOW ON SP52 SIZE 1760K;

CREATE DSI ORDERLIN_105_DSI
DSO ORDERLINE_DSO
USING(1145,1155)
        ALLOCATE PRIME   ON SP53 SIZE 440256K,
            OVERFLOW ON SP53 SIZE 1760K;

CREATE DSI ORDERLIN_106_DSI
DSO ORDERLINE_DSO
USING(1156,1166)
        ALLOCATE PRIME   ON SP53 SIZE 440256K,
            OVERFLOW ON SP53 SIZE 1760K;

CREATE DSI ORDERLIN_107_DSI
DSO ORDERLINE_DSO
USING(1167,1177)
        ALLOCATE PRIME   ON SP54 SIZE 440256K,
            OVERFLOW ON SP54 SIZE 1760K;

CREATE DSI ORDERLIN_108_DSI
DSO ORDERLINE_DSO
USING(1178,1188)
        ALLOCATE PRIME   ON SP54 SIZE 440256K,
            OVERFLOW ON SP54 SIZE 1760K;

CREATE DSI ORDERLIN_109_DSI
DSO ORDERLINE_DSO
USING(1189,1199)
        ALLOCATE PRIME   ON SP55 SIZE 440256K,
            OVERFLOW ON SP55 SIZE 1760K;

CREATE DSI ORDERLIN_110_DSI
DSO ORDERLINE_DSO
USING(1200,1210)
        ALLOCATE PRIME   ON SP55 SIZE 440256K,
            OVERFLOW ON SP55 SIZE 1760K;

CREATE DSI ORDERLIN_111_DSI
DSO ORDERLINE_DSO
```

```

        USING(1211,1221)
        ALLOCATE PRIME   ON SP56 SIZE 440256K,
            OVERFLOW ON SP56 SIZE 1760K;

CREATE DSI ORDERLIN_112_DSI
DSO ORDERLINE_DSO
USING(1222,1232)
ALLOCATE PRIME   ON SP56 SIZE 440256K,
    OVERFLOW ON SP56 SIZE 1760K;

CREATE DSI ORDERLIN_113_DSI
DSO ORDERLINE_DSO
USING(1233,1243)
ALLOCATE PRIME   ON SP57 SIZE 440256K,
    OVERFLOW ON SP57 SIZE 1760K;

CREATE DSI ORDERLIN_114_DSI
DSO ORDERLINE_DSO
USING(1244,1254)
ALLOCATE PRIME   ON SP57 SIZE 440256K,
    OVERFLOW ON SP57 SIZE 1760K;

CREATE DSI ORDERLIN_115_DSI
DSO ORDERLINE_DSO
USING(1255,1265)
ALLOCATE PRIME   ON SP58 SIZE 440256K,
    OVERFLOW ON SP58 SIZE 1760K;

CREATE DSI ORDERLIN_116_DSI
DSO ORDERLINE_DSO
USING(1266,1276)
ALLOCATE PRIME   ON SP58 SIZE 440256K,
    OVERFLOW ON SP58 SIZE 1760K;

CREATE DSI ORDERLIN_117_DSI
DSO ORDERLINE_DSO
USING(1277,1287)
ALLOCATE PRIME   ON SP59 SIZE 440256K,
    OVERFLOW ON SP59 SIZE 1760K;

CREATE DSI ORDERLIN_118_DSI
DSO ORDERLINE_DSO
USING(1288,1298)
ALLOCATE PRIME   ON SP59 SIZE 440256K,
    OVERFLOW ON SP59 SIZE 1760K;

CREATE DSI ORDERLIN_119_DSI
DSO ORDERLINE_DSO
USING(1299,1309)
ALLOCATE PRIME   ON SP60 SIZE 440256K,
    OVERFLOW ON SP60 SIZE 1760K;

CREATE DSI ORDERLIN_120_DSI
DSO ORDERLINE_DSO
USING(1310,1320)
ALLOCATE PRIME   ON SP60 SIZE 440256K,
    OVERFLOW ON SP60 SIZE 1760K;

CREATE DSI ORDERLIN_121_DSI
DSO ORDERLINE_DSO
USING(1321,1331)
ALLOCATE PRIME   ON SP61 SIZE 440256K,
    OVERFLOW ON SP61 SIZE 1760K;

CREATE DSI ORDERLIN_122_DSI
DSO ORDERLINE_DSO
USING(1332,1342)
ALLOCATE PRIME   ON SP61 SIZE 440256K,
    OVERFLOW ON SP61 SIZE 1760K;

CREATE DSI ORDERLIN_123_DSI
DSO ORDERLINE_DSO
USING(1343,1353)
ALLOCATE PRIME   ON SP62 SIZE 440256K,
    OVERFLOW ON SP62 SIZE 1760K;

CREATE DSI ORDERLIN_124_DSI
DSO ORDERLINE_DSO
USING(1354,1364)
ALLOCATE PRIME   ON SP62 SIZE 440256K,
    OVERFLOW ON SP62 SIZE 1760K;

CREATE DSI ORDERLIN_125_DSI
DSO ORDERLINE_DSO
USING(1365,1375)
ALLOCATE PRIME   ON SP63 SIZE 440256K,
    OVERFLOW ON SP63 SIZE 1760K;

CREATE DSI ORDERLIN_126_DSI
DSO ORDERLINE_DSO
USING(1376,1386)
ALLOCATE PRIME   ON SP63 SIZE 440256K,
    OVERFLOW ON SP63 SIZE 1760K;

CREATE DSI ORDERLIN_127_DSI
DSO ORDERLINE_DSO
USING(1387,1397)
ALLOCATE PRIME   ON SP64 SIZE 440256K,
    OVERFLOW ON SP64 SIZE 1760K;

CREATE DSI ORDERLIN_128_DSI
DSO ORDERLINE_DSO
USING(1398,1408)
ALLOCATE PRIME   ON SP64 SIZE 440256K,
    OVERFLOW ON SP64 SIZE 1760K;

CREATE DSI ORDERLIN_129_DSI
DSO ORDERLINE_DSO
USING(1409,1419)
ALLOCATE PRIME   ON SP65 SIZE 440256K,
    OVERFLOW ON SP65 SIZE 1760K;

CREATE DSI ORDERLIN_130_DSI
DSO ORDERLINE_DSO
USING(1420,1430)
ALLOCATE PRIME   ON SP65 SIZE 440256K,
    OVERFLOW ON SP65 SIZE 1760K;

CREATE DSI ORDERLIN_131_DSI
DSO ORDERLINE_DSO
USING(1431,1441)
ALLOCATE PRIME   ON SP66 SIZE 440256K,
    OVERFLOW ON SP66 SIZE 1760K;

CREATE DSI ORDERLIN_132_DSI
DSO ORDERLINE_DSO

```

```

USING(1442,1452)
ALLOCATE PRIME ON SP66 SIZE 440256K,
OVERFLOW ON SP66 SIZE 1760K;

CREATE DSI ORDERLIN_133_DSI
DSO ORDERLINE_DSO
USING(1453,1463)
ALLOCATE PRIME ON SP67 SIZE 440256K,
OVERFLOW ON SP67 SIZE 1760K;

CREATE DSI ORDERLIN_134_DSI
DSO ORDERLINE_DSO
USING(1464,1474)
ALLOCATE PRIME ON SP67 SIZE 440256K,
OVERFLOW ON SP67 SIZE 1760K;

CREATE DSI ORDERLIN_135_DSI
DSO ORDERLINE_DSO
USING(1475,1485)
ALLOCATE PRIME ON SP68 SIZE 440256K,
OVERFLOW ON SP68 SIZE 1760K;

CREATE DSI ORDERLIN_136_DSI
DSO ORDERLINE_DSO
USING(1486,1496)
ALLOCATE PRIME ON SP68 SIZE 440256K,
OVERFLOW ON SP68 SIZE 1760K;

CREATE DSI ORDERLIN_137_DSI
DSO ORDERLINE_DSO
USING(1497,1507)
ALLOCATE PRIME ON SP69 SIZE 440256K,
OVERFLOW ON SP69 SIZE 1760K;

CREATE DSI ORDERLIN_138_DSI
DSO ORDERLINE_DSO
USING(1508,1518)
ALLOCATE PRIME ON SP69 SIZE 440256K,
OVERFLOW ON SP69 SIZE 1760K;

CREATE DSI ORDERLIN_139_DSI
DSO ORDERLINE_DSO
USING(1519,1529)
ALLOCATE PRIME ON SP70 SIZE 440256K,
OVERFLOW ON SP70 SIZE 1760K;

CREATE DSI ORDERLIN_140_DSI
DSO ORDERLINE_DSO
USING(1530,1540)
ALLOCATE PRIME ON SP70 SIZE 440256K,
OVERFLOW ON SP70 SIZE 1760K;

CREATE DSI ORDERLIN_141_DSI
DSO ORDERLINE_DSO
USING(1541,1551)
ALLOCATE PRIME ON SP71 SIZE 440256K,
OVERFLOW ON SP71 SIZE 1760K;

CREATE DSI ORDERLIN_142_DSI
DSO ORDERLINE_DSO
USING(1552,1562)
ALLOCATE PRIME ON SP71 SIZE 440256K,
OVERFLOW ON SP71 SIZE 1760K;

CREATE DSI ORDERLIN_143_DSI
DSO ORDERLINE_DSO
USING(1563,1573)
ALLOCATE PRIME ON SP72 SIZE 440256K,
OVERFLOW ON SP72 SIZE 1760K;

CREATE DSI ORDERLIN_144_DSI
DSO ORDERLINE_DSO
USING(1574,1584)
ALLOCATE PRIME ON SP72 SIZE 440256K,
OVERFLOW ON SP72 SIZE 1760K;

CREATE DSI ORDERLIN_145_DSI
DSO ORDERLINE_DSO
USING(1585,1595)
ALLOCATE PRIME ON SP73 SIZE 440256K,
OVERFLOW ON SP73 SIZE 1760K;

CREATE DSI ORDERLIN_146_DSI
DSO ORDERLINE_DSO
USING(1596,1606)
ALLOCATE PRIME ON SP73 SIZE 440256K,
OVERFLOW ON SP73 SIZE 1760K;

CREATE DSI ORDERLIN_147_DSI
DSO ORDERLINE_DSO
USING(1607,1617)
ALLOCATE PRIME ON SP74 SIZE 440256K,
OVERFLOW ON SP74 SIZE 1760K;

CREATE DSI ORDERLIN_148_DSI
DSO ORDERLINE_DSO
USING(1618,1628)
ALLOCATE PRIME ON SP74 SIZE 440256K,
OVERFLOW ON SP74 SIZE 1760K;

CREATE DSI ORDERLIN_149_DSI
DSO ORDERLINE_DSO
USING(1629,1639)
ALLOCATE PRIME ON SP75 SIZE 440256K,
OVERFLOW ON SP75 SIZE 1760K;

CREATE DSI ORDERLIN_150_DSI
DSO ORDERLINE_DSO
USING(1640,1650)
ALLOCATE PRIME ON SP75 SIZE 440256K,
OVERFLOW ON SP75 SIZE 1760K;

CREATE DSI ORDERLIN_151_DSI
DSO ORDERLINE_DSO
USING(1651,1661)
ALLOCATE PRIME ON SP76 SIZE 440256K,
OVERFLOW ON SP76 SIZE 1760K;

CREATE DSI ORDERLIN_152_DSI
DSO ORDERLINE_DSO
USING(1662,1672)
ALLOCATE PRIME ON SP76 SIZE 440256K,
OVERFLOW ON SP76 SIZE 1760K;

CREATE DSI ORDERLIN_153_DSI
DSO ORDERLINE_DSO

```

```

        USING(1673,1683)
        ALLOCATE PRIME   ON SP77 SIZE 440256K,
            OVERFLOW ON SP77 SIZE 1760K;

CREATE DSI ORDERLIN_154_DSI
DSO ORDERLINE_DSO
USING(1684,1694)
ALLOCATE PRIME   ON SP77 SIZE 440256K,
    OVERFLOW ON SP77 SIZE 1760K;

CREATE DSI ORDERLIN_155_DSI
DSO ORDERLINE_DSO
USING(1695,1705)
ALLOCATE PRIME   ON SP78 SIZE 440256K,
    OVERFLOW ON SP78 SIZE 1760K;

CREATE DSI ORDERLIN_156_DSI
DSO ORDERLINE_DSO
USING(1706,1716)
ALLOCATE PRIME   ON SP78 SIZE 440256K,
    OVERFLOW ON SP78 SIZE 1760K;

CREATE DSI ORDERLIN_157_DSI
DSO ORDERLINE_DSO
USING(1717,1727)
ALLOCATE PRIME   ON SP79 SIZE 440256K,
    OVERFLOW ON SP79 SIZE 1760K;

CREATE DSI ORDERLIN_158_DSI
DSO ORDERLINE_DSO
USING(1728,1738)
ALLOCATE PRIME   ON SP79 SIZE 440256K,
    OVERFLOW ON SP79 SIZE 1760K;

CREATE DSI ORDERLIN_159_DSI
DSO ORDERLINE_DSO
USING(1739,1749)
ALLOCATE PRIME   ON SP80 SIZE 440256K,
    OVERFLOW ON SP80 SIZE 1760K;

CREATE DSI ORDERLIN_160_DSI
DSO ORDERLINE_DSO
USING(1750,1760)
ALLOCATE PRIME   ON SP80 SIZE 440256K,
    OVERFLOW ON SP80 SIZE 1760K;

CREATE DSI ORDERLIN_161_DSI
DSO ORDERLINE_DSO
USING(1761,1771)
ALLOCATE PRIME   ON SP81 SIZE 440256K,
    OVERFLOW ON SP81 SIZE 1760K;

CREATE DSI ORDERLIN_162_DSI
DSO ORDERLINE_DSO
USING(1772,1782)
ALLOCATE PRIME   ON SP81 SIZE 440256K,
    OVERFLOW ON SP81 SIZE 1760K;

CREATE DSI ORDERLIN_163_DSI
DSO ORDERLINE_DSO
USING(1783,1793)
ALLOCATE PRIME   ON SP82 SIZE 440256K,
    OVERFLOW ON SP82 SIZE 1760K;

CREATE DSI ORDERLIN_164_DSI
DSO ORDERLINE_DSO
USING(1794,1804)
ALLOCATE PRIME   ON SP82 SIZE 440256K,
    OVERFLOW ON SP82 SIZE 1760K;

CREATE DSI ORDERLIN_165_DSI
DSO ORDERLINE_DSO
USING(1805,1815)
ALLOCATE PRIME   ON SP83 SIZE 440256K,
    OVERFLOW ON SP83 SIZE 1760K;

CREATE DSI ORDERLIN_166_DSI
DSO ORDERLINE_DSO
USING(1816,1826)
ALLOCATE PRIME   ON SP83 SIZE 440256K,
    OVERFLOW ON SP83 SIZE 1760K;

CREATE DSI ORDERLIN_167_DSI
DSO ORDERLINE_DSO
USING(1827,1837)
ALLOCATE PRIME   ON SP84 SIZE 440256K,
    OVERFLOW ON SP84 SIZE 1760K;

CREATE DSI ORDERLIN_168_DSI
DSO ORDERLINE_DSO
USING(1838,1848)
ALLOCATE PRIME   ON SP84 SIZE 440256K,
    OVERFLOW ON SP84 SIZE 1760K;

CREATE DSI ORDERLIN_169_DSI
DSO ORDERLINE_DSO
USING(1849,1859)
ALLOCATE PRIME   ON SP85 SIZE 440256K,
    OVERFLOW ON SP85 SIZE 1760K;

CREATE DSI ORDERLIN_170_DSI
DSO ORDERLINE_DSO
USING(1860,1870)
ALLOCATE PRIME   ON SP85 SIZE 440256K,
    OVERFLOW ON SP85 SIZE 1760K;

CREATE DSI ORDERLIN_171_DSI
DSO ORDERLINE_DSO
USING(1871,1881)
ALLOCATE PRIME   ON SP86 SIZE 440256K,
    OVERFLOW ON SP86 SIZE 1760K;

CREATE DSI ORDERLIN_172_DSI
DSO ORDERLINE_DSO
USING(1882,1892)
ALLOCATE PRIME   ON SP86 SIZE 440256K,
    OVERFLOW ON SP86 SIZE 1760K;

CREATE DSI ORDERLIN_173_DSI
DSO ORDERLINE_DSO
USING(1893,1903)
ALLOCATE PRIME   ON SP87 SIZE 440256K,
    OVERFLOW ON SP87 SIZE 1760K;

CREATE DSI ORDERLIN_174_DSI
DSO ORDERLINE_DSO

```

```

        USING(1904,1914)
        ALLOCATE PRIME   ON SP87 SIZE 440256K,
            OVERFLOW ON SP87 SIZE 1760K;

CREATE DSI ORDERLIN_175_DSI
DSO ORDERLINE_DSO
USING(1915,1925)
ALLOCATE PRIME   ON SP88 SIZE 440256K,
    OVERFLOW ON SP88 SIZE 1760K;

CREATE DSI ORDERLIN_176_DSI
DSO ORDERLINE_DSO
USING(1926,1936)
ALLOCATE PRIME   ON SP88 SIZE 440256K,
    OVERFLOW ON SP88 SIZE 1760K;

CREATE DSI ORDERLIN_177_DSI
DSO ORDERLINE_DSO
USING(1937,1947)
ALLOCATE PRIME   ON SP89 SIZE 440256K,
    OVERFLOW ON SP89 SIZE 1760K;

CREATE DSI ORDERLIN_178_DSI
DSO ORDERLINE_DSO
USING(1948,1958)
ALLOCATE PRIME   ON SP89 SIZE 440256K,
    OVERFLOW ON SP89 SIZE 1760K;

CREATE DSI ORDERLIN_179_DSI
DSO ORDERLINE_DSO
USING(1959,1969)
ALLOCATE PRIME   ON SP90 SIZE 440256K,
    OVERFLOW ON SP90 SIZE 1760K;

CREATE DSI ORDERLIN_180_DSI
DSO ORDERLINE_DSO
USING(1970,1980)
ALLOCATE PRIME   ON SP90 SIZE 440256K,
    OVERFLOW ON SP90 SIZE 1760K;

CREATE DSI ORDERLIN_181_DSI
DSO ORDERLINE_DSO
USING(1981,1991)
ALLOCATE PRIME   ON SP91 SIZE 440256K,
    OVERFLOW ON SP91 SIZE 1760K;

CREATE DSI ORDERLIN_182_DSI
DSO ORDERLINE_DSO
USING(1992,2002)
ALLOCATE PRIME   ON SP91 SIZE 440256K,
    OVERFLOW ON SP91 SIZE 1760K;

CREATE DSI ORDERLIN_183_DSI
DSO ORDERLINE_DSO
USING(2003,2013)
ALLOCATE PRIME   ON SP92 SIZE 440256K,
    OVERFLOW ON SP92 SIZE 1760K;

CREATE DSI ORDERLIN_184_DSI
DSO ORDERLINE_DSO
USING(2014,2024)
ALLOCATE PRIME   ON SP92 SIZE 440256K,
    OVERFLOW ON SP92 SIZE 1760K;

CREATE DSI ORDERLIN_185_DSI
DSO ORDERLINE_DSO
USING(2025,2035)
ALLOCATE PRIME   ON SP93 SIZE 440256K,
    OVERFLOW ON SP93 SIZE 1760K;

CREATE DSI ORDERLIN_186_DSI
DSO ORDERLINE_DSO
USING(2036,2046)
ALLOCATE PRIME   ON SP93 SIZE 440256K,
    OVERFLOW ON SP93 SIZE 1760K;

CREATE DSI ORDERLIN_187_DSI
DSO ORDERLINE_DSO
USING(2047,2057)
ALLOCATE PRIME   ON SP94 SIZE 440256K,
    OVERFLOW ON SP94 SIZE 1760K;

CREATE DSI ORDERLIN_188_DSI
DSO ORDERLINE_DSO
USING(2058,2068)
ALLOCATE PRIME   ON SP94 SIZE 440256K,
    OVERFLOW ON SP94 SIZE 1760K;

CREATE DSI ORDERLIN_189_DSI
DSO ORDERLINE_DSO
USING(2069,2079)
ALLOCATE PRIME   ON SP95 SIZE 440256K,
    OVERFLOW ON SP95 SIZE 1760K;

CREATE DSI ORDERLIN_190_DSI
DSO ORDERLINE_DSO
USING(2080,2090)
ALLOCATE PRIME   ON SP95 SIZE 440256K,
    OVERFLOW ON SP95 SIZE 1760K;

CREATE DSI ORDERLIN_191_DSI
DSO ORDERLINE_DSO
USING(2091,2101)
ALLOCATE PRIME   ON SP96 SIZE 440256K,
    OVERFLOW ON SP96 SIZE 1760K;

CREATE DSI ORDERLIN_192_DSI
DSO ORDERLINE_DSO
USING(2102,2112)
ALLOCATE PRIME   ON SP96 SIZE 440256K,
    OVERFLOW ON SP96 SIZE 1760K;

CREATE DSI ORDERLIN_193_DSI
DSO ORDERLINE_DSO
USING(2113,2123)
ALLOCATE PRIME   ON SP97 SIZE 440256K,
    OVERFLOW ON SP97 SIZE 1760K;

CREATE DSI ORDERLIN_194_DSI
DSO ORDERLINE_DSO
USING(2124,2134)
ALLOCATE PRIME   ON SP97 SIZE 440256K,
    OVERFLOW ON SP97 SIZE 1760K;

CREATE DSI ORDERLIN_195_DSI
DSO ORDERLINE_DSO

```

```

        USING(2135,2145)
        ALLOCATE PRIME   ON SP98 SIZE 440256K,
            OVERFLOW ON SP98 SIZE 1760K;

CREATE DSI ORDERLIN_196_DSI
DSO ORDERLINE_DSO
USING(2146,2156)
ALLOCATE PRIME   ON SP98 SIZE 440256K,
    OVERFLOW ON SP98 SIZE 1760K;

CREATE DSI ORDERLIN_197_DSI
DSO ORDERLINE_DSO
USING(2157,2167)
ALLOCATE PRIME   ON SP99 SIZE 440256K,
    OVERFLOW ON SP99 SIZE 1760K;

CREATE DSI ORDERLIN_198_DSI
DSO ORDERLINE_DSO
USING(2168,2178)
ALLOCATE PRIME   ON SP99 SIZE 440256K,
    OVERFLOW ON SP99 SIZE 1760K;

CREATE DSI ORDERLIN_199_DSI
DSO ORDERLINE_DSO
USING(2179,2189)
ALLOCATE PRIME   ON SP100 SIZE 440256K,
    OVERFLOW ON SP100 SIZE 1760K;

CREATE DSI ORDERLIN_200_DSI
DSO ORDERLINE_DSO
USING(2190,2200)
ALLOCATE PRIME   ON SP100 SIZE 440256K,
    OVERFLOW ON SP100 SIZE 1760K;

CREATE DSI ORDERLIN_201_DSI
DSO ORDERLINE_DSO
USING(2201,2211)
ALLOCATE PRIME   ON SP101 SIZE 440256K,
    OVERFLOW ON SP101 SIZE 1760K;

CREATE DSI ORDERLIN_202_DSI
DSO ORDERLINE_DSO
USING(2212,2222)
ALLOCATE PRIME   ON SP101 SIZE 440256K,
    OVERFLOW ON SP101 SIZE 1760K;

CREATE DSI ORDERLIN_203_DSI
DSO ORDERLINE_DSO
USING(2223,2233)
ALLOCATE PRIME   ON SP102 SIZE 440256K,
    OVERFLOW ON SP102 SIZE 1760K;

CREATE DSI ORDERLIN_204_DSI
DSO ORDERLINE_DSO
USING(2234,2244)
ALLOCATE PRIME   ON SP102 SIZE 440256K,
    OVERFLOW ON SP102 SIZE 1760K;

CREATE DSI ORDERLIN_205_DSI
DSO ORDERLINE_DSO
USING(2245,2255)
ALLOCATE PRIME   ON SP103 SIZE 440256K,
    OVERFLOW ON SP103 SIZE 1760K;

CREATE DSI ORDERLIN_206_DSI
DSO ORDERLINE_DSO
USING(2256,2266)
ALLOCATE PRIME   ON SP103 SIZE 440256K,
    OVERFLOW ON SP103 SIZE 1760K;

CREATE DSI ORDERLIN_207_DSI
DSO ORDERLINE_DSO
USING(2267,2277)
ALLOCATE PRIME   ON SP104 SIZE 440256K,
    OVERFLOW ON SP104 SIZE 1760K;

CREATE DSI ORDERLIN_208_DSI
DSO ORDERLINE_DSO
USING(2278,2288)
ALLOCATE PRIME   ON SP104 SIZE 440256K,
    OVERFLOW ON SP104 SIZE 1760K;

CREATE DSI ORDERLIN_209_DSI
DSO ORDERLINE_DSO
USING(2289,2299)
ALLOCATE PRIME   ON SP105 SIZE 440256K,
    OVERFLOW ON SP105 SIZE 1760K;

CREATE DSI ORDERLIN_210_DSI
DSO ORDERLINE_DSO
USING(2300,2310)
ALLOCATE PRIME   ON SP105 SIZE 440256K,
    OVERFLOW ON SP105 SIZE 1760K;

CREATE DSI ORDERLIN_211_DSI
DSO ORDERLINE_DSO
USING(2311,2321)
ALLOCATE PRIME   ON SP106 SIZE 440256K,
    OVERFLOW ON SP106 SIZE 1760K;

CREATE DSI ORDERLIN_212_DSI
DSO ORDERLINE_DSO
USING(2322,2332)
ALLOCATE PRIME   ON SP106 SIZE 440256K,
    OVERFLOW ON SP106 SIZE 1760K;

CREATE DSI ORDERLIN_213_DSI
DSO ORDERLINE_DSO
USING(2333,2343)
ALLOCATE PRIME   ON SP107 SIZE 440256K,
    OVERFLOW ON SP107 SIZE 1760K;

CREATE DSI ORDERLIN_214_DSI
DSO ORDERLINE_DSO
USING(2344,2354)
ALLOCATE PRIME   ON SP107 SIZE 440256K,
    OVERFLOW ON SP107 SIZE 1760K;

CREATE DSI ORDERLIN_215_DSI
DSO ORDERLINE_DSO
USING(2355,2365)
ALLOCATE PRIME   ON SP108 SIZE 440256K,
    OVERFLOW ON SP108 SIZE 1760K;

CREATE DSI ORDERLIN_216_DSI
DSO ORDERLINE_DSO

```



```
        USING(2366,2376)
        ALLOCATE PRIME   ON SP108 SIZE 440256K,
        OVERFLOW ON SP108 SIZE 1760K;

CREATE DSI ORDERLIN_217_DSI
DSO ORDERLINE_DSO
USING(2377,2387)
ALLOCATE PRIME   ON SP109 SIZE 440256K,
OVERFLOW ON SP109 SIZE 1760K;

CREATE DSI ORDERLIN_218_DSI
DSO ORDERLINE_DSO
USING(2388,2398)
ALLOCATE PRIME   ON SP109 SIZE 440256K,
OVERFLOW ON SP109 SIZE 1760K;

CREATE DSI ORDERLIN_219_DSI
DSO ORDERLINE_DSO
USING(2399,2409)
ALLOCATE PRIME   ON SP110 SIZE 440256K,
OVERFLOW ON SP110 SIZE 1760K;

CREATE DSI ORDERLIN_220_DSI
DSO ORDERLINE_DSO
USING(2410,2420)
ALLOCATE PRIME   ON SP110 SIZE 440256K,
OVERFLOW ON SP110 SIZE 1760K;

CREATE DSI ORDERLIN_221_DSI
DSO ORDERLINE_DSO
USING(2421,2431)
ALLOCATE PRIME   ON SP111 SIZE 440256K,
OVERFLOW ON SP111 SIZE 1760K;

CREATE DSI ORDERLIN_222_DSI
DSO ORDERLINE_DSO
USING(2432,2442)
ALLOCATE PRIME   ON SP111 SIZE 440256K,
OVERFLOW ON SP111 SIZE 1760K;

CREATE DSI ORDERLIN_223_DSI
DSO ORDERLINE_DSO
USING(2443,2453)
ALLOCATE PRIME   ON SP112 SIZE 440256K,
OVERFLOW ON SP112 SIZE 1760K;

CREATE DSI ORDERLIN_224_DSI
DSO ORDERLINE_DSO
USING(2454,2464)
ALLOCATE PRIME   ON SP112 SIZE 440256K,
OVERFLOW ON SP112 SIZE 1760K;

CREATE DSI ORDERLIN_225_DSI
DSO ORDERLINE_DSO
USING(2465,2475)
ALLOCATE PRIME   ON SP113 SIZE 440256K,
OVERFLOW ON SP113 SIZE 1760K;

CREATE DSI ORDERLIN_226_DSI
DSO ORDERLINE_DSO
USING(2476,2486)
ALLOCATE PRIME   ON SP113 SIZE 440256K,
OVERFLOW ON SP113 SIZE 1760K;

CREATE DSI ORDERLIN_227_DSI
DSO ORDERLINE_DSO
USING(2487,2497)
ALLOCATE PRIME   ON SP114 SIZE 440256K,
OVERFLOW ON SP114 SIZE 1760K;

CREATE DSI ORDERLIN_228_DSI
DSO ORDERLINE_DSO
USING(2498,2508)
ALLOCATE PRIME   ON SP114 SIZE 440256K,
OVERFLOW ON SP114 SIZE 1760K;

CREATE DSI ORDERLIN_229_DSI
DSO ORDERLINE_DSO
USING(2509,2519)
ALLOCATE PRIME   ON SP115 SIZE 440256K,
OVERFLOW ON SP115 SIZE 1760K;

CREATE DSI ORDERLIN_230_DSI
DSO ORDERLINE_DSO
USING(2520,2530)
ALLOCATE PRIME   ON SP115 SIZE 440256K,
OVERFLOW ON SP115 SIZE 1760K;

CREATE DSI ORDERLIN_231_DSI
DSO ORDERLINE_DSO
USING(2531,2541)
ALLOCATE PRIME   ON SP116 SIZE 440256K,
OVERFLOW ON SP116 SIZE 1760K;

CREATE DSI ORDERLIN_232_DSI
DSO ORDERLINE_DSO
USING(2542,2552)
ALLOCATE PRIME   ON SP116 SIZE 440256K,
OVERFLOW ON SP116 SIZE 1760K;

CREATE DSI ORDERLIN_233_DSI
DSO ORDERLINE_DSO
USING(2553,2563)
ALLOCATE PRIME   ON SP117 SIZE 440256K,
OVERFLOW ON SP117 SIZE 1760K;

CREATE DSI ORDERLIN_234_DSI
DSO ORDERLINE_DSO
USING(2564,2574)
ALLOCATE PRIME   ON SP117 SIZE 440256K,
OVERFLOW ON SP117 SIZE 1760K;

CREATE DSI ORDERLIN_235_DSI
DSO ORDERLINE_DSO
USING(2575,2585)
ALLOCATE PRIME   ON SP118 SIZE 440256K,
OVERFLOW ON SP118 SIZE 1760K;

CREATE DSI ORDERLIN_236_DSI
DSO ORDERLINE_DSO
USING(2586,2596)
ALLOCATE PRIME   ON SP118 SIZE 440256K,
OVERFLOW ON SP118 SIZE 1760K;

CREATE DSI ORDERLIN_237_DSI
DSO ORDERLINE_DSO
```



```

USING(2597,2607)
ALLOCATE PRIME ON SP119 SIZE 440256K,
OVERFLOW ON SP119 SIZE 1760K;

CREATE DSI ORDERLIN_238_DSI
DSO ORDERLINE_DSO
USING(2608,2618)
ALLOCATE PRIME ON SP119 SIZE 440256K,
OVERFLOW ON SP119 SIZE 1760K;

CREATE DSI ORDERLIN_239_DSI
DSO ORDERLINE_DSO
USING(2619,2629)
ALLOCATE PRIME ON SP120 SIZE 440256K,
OVERFLOW ON SP120 SIZE 1760K;

CREATE DSI ORDERLIN_240_DSI
DSO ORDERLINE_DSO
USING(2630,2640)
ALLOCATE PRIME ON SP120 SIZE 440256K,
OVERFLOW ON SP120 SIZE 1760K;

CREATE DSI ORDERLIN_241_DSI
DSO ORDERLINE_DSO
USING(2641,2651)
ALLOCATE PRIME ON SP121 SIZE 440256K,
OVERFLOW ON SP121 SIZE 1760K;

CREATE DSI ORDERLIN_242_DSI
DSO ORDERLINE_DSO
USING(2652,2662)
ALLOCATE PRIME ON SP121 SIZE 440256K,
OVERFLOW ON SP121 SIZE 1760K;

CREATE DSI ORDERLIN_243_DSI
DSO ORDERLINE_DSO
USING(2663,2673)
ALLOCATE PRIME ON SP122 SIZE 440256K,
OVERFLOW ON SP122 SIZE 1760K;

CREATE DSI ORDERLIN_244_DSI
DSO ORDERLINE_DSO
USING(2674,2684)
ALLOCATE PRIME ON SP122 SIZE 440256K,
OVERFLOW ON SP122 SIZE 1760K;

CREATE DSI ORDERLIN_245_DSI
DSO ORDERLINE_DSO
USING(2685,2695)
ALLOCATE PRIME ON SP123 SIZE 440256K,
OVERFLOW ON SP123 SIZE 1760K;

CREATE DSI ORDERLIN_246_DSI
DSO ORDERLINE_DSO
USING(2696,2706)
ALLOCATE PRIME ON SP123 SIZE 440256K,
OVERFLOW ON SP123 SIZE 1760K;

CREATE DSI ORDERLIN_247_DSI
DSO ORDERLINE_DSO
USING(2707,2717)
ALLOCATE PRIME ON SP124 SIZE 440256K,
OVERFLOW ON SP124 SIZE 1760K;

CREATE DSI ORDERLIN_248_DSI
DSO ORDERLINE_DSO
USING(2718,2728)
ALLOCATE PRIME ON SP124 SIZE 440256K,
OVERFLOW ON SP124 SIZE 1760K;

CREATE DSI ORDERLIN_249_DSI
DSO ORDERLINE_DSO
USING(2729,2739)
ALLOCATE PRIME ON SP125 SIZE 440256K,
OVERFLOW ON SP125 SIZE 1760K;

CREATE DSI ORDERLIN_250_DSI
DSO ORDERLINE_DSO
USING(2740,2750)
ALLOCATE PRIME ON SP125 SIZE 440256K,
OVERFLOW ON SP125 SIZE 1760K;

CREATE DSI ORDERLIN_251_DSI
DSO ORDERLINE_DSO
USING(2751,2761)
ALLOCATE PRIME ON SP126 SIZE 440256K,
OVERFLOW ON SP126 SIZE 1760K;

CREATE DSI ORDERLIN_252_DSI
DSO ORDERLINE_DSO
USING(2762,2772)
ALLOCATE PRIME ON SP126 SIZE 440256K,
OVERFLOW ON SP126 SIZE 1760K;

CREATE DSI ORDERLIN_253_DSI
DSO ORDERLINE_DSO
USING(2773,2783)
ALLOCATE PRIME ON SP127 SIZE 440256K,
OVERFLOW ON SP127 SIZE 1760K;

CREATE DSI ORDERLIN_254_DSI
DSO ORDERLINE_DSO
USING(2784,2794)
ALLOCATE PRIME ON SP127 SIZE 440256K,
OVERFLOW ON SP127 SIZE 1760K;

CREATE DSI ORDERLIN_255_DSI
DSO ORDERLINE_DSO
USING(2795,2805)
ALLOCATE PRIME ON SP128 SIZE 440256K,
OVERFLOW ON SP128 SIZE 1760K;

CREATE DSI ORDERLIN_256_DSI
DSO ORDERLINE_DSO
USING(2806,2816)
ALLOCATE PRIME ON SP128 SIZE 440256K,
OVERFLOW ON SP128 SIZE 1760K;

CREATE DSI ORDERLIN_257_DSI
DSO ORDERLINE_DSO
USING(2817,2827)
ALLOCATE PRIME ON SP129 SIZE 440256K,
OVERFLOW ON SP129 SIZE 1760K;

CREATE DSI ORDERLIN_258_DSI
DSO ORDERLINE_DSO

```

```
        USING(2828,2838)
        ALLOCATE PRIME   ON SP129 SIZE 440256K,
        OVERFLOW ON SP129 SIZE 1760K;

CREATE DSI ORDERLIN_259_DSI
DSO ORDERLINE_DSO
USING(2839,2849)
ALLOCATE PRIME   ON SP130 SIZE 440256K,
OVERFLOW ON SP130 SIZE 1760K;

CREATE DSI ORDERLIN_260_DSI
DSO ORDERLINE_DSO
USING(2850,2860)
ALLOCATE PRIME   ON SP130 SIZE 440256K,
OVERFLOW ON SP130 SIZE 1760K;

CREATE DSI ORDERLIN_261_DSI
DSO ORDERLINE_DSO
USING(2861,2871)
ALLOCATE PRIME   ON SP131 SIZE 440256K,
OVERFLOW ON SP131 SIZE 1760K;

CREATE DSI ORDERLIN_262_DSI
DSO ORDERLINE_DSO
USING(2872,2882)
ALLOCATE PRIME   ON SP131 SIZE 440256K,
OVERFLOW ON SP131 SIZE 1760K;

CREATE DSI ORDERLIN_263_DSI
DSO ORDERLINE_DSO
USING(2883,2893)
ALLOCATE PRIME   ON SP132 SIZE 440256K,
OVERFLOW ON SP132 SIZE 1760K;

CREATE DSI ORDERLIN_264_DSI
DSO ORDERLINE_DSO
USING(2894,2904)
ALLOCATE PRIME   ON SP132 SIZE 440256K,
OVERFLOW ON SP132 SIZE 1760K;

CREATE DSI ORDERLIN_265_DSI
DSO ORDERLINE_DSO
USING(2905,2915)
ALLOCATE PRIME   ON SP133 SIZE 440256K,
OVERFLOW ON SP133 SIZE 1760K;

CREATE DSI ORDERLIN_266_DSI
DSO ORDERLINE_DSO
USING(2916,2926)
ALLOCATE PRIME   ON SP133 SIZE 440256K,
OVERFLOW ON SP133 SIZE 1760K;

CREATE DSI ORDERLIN_267_DSI
DSO ORDERLINE_DSO
USING(2927,2937)
ALLOCATE PRIME   ON SP134 SIZE 440256K,
OVERFLOW ON SP134 SIZE 1760K;

CREATE DSI ORDERLIN_268_DSI
DSO ORDERLINE_DSO
USING(2938,2948)
ALLOCATE PRIME   ON SP134 SIZE 440256K,
OVERFLOW ON SP134 SIZE 1760K;

CREATE DSI ORDERLIN_269_DSI
DSO ORDERLINE_DSO
USING(2949,2959)
ALLOCATE PRIME   ON SP135 SIZE 440256K,
OVERFLOW ON SP135 SIZE 1760K;

CREATE DSI ORDERLIN_270_DSI
DSO ORDERLINE_DSO
USING(2960,2970)
ALLOCATE PRIME   ON SP135 SIZE 440256K,
OVERFLOW ON SP135 SIZE 1760K;

CREATE DSI ORDERLIN_271_DSI
DSO ORDERLINE_DSO
USING(2971,2981)
ALLOCATE PRIME   ON SP136 SIZE 440256K,
OVERFLOW ON SP136 SIZE 1760K;

CREATE DSI ORDERLIN_272_DSI
DSO ORDERLINE_DSO
USING(2982,2992)
ALLOCATE PRIME   ON SP136 SIZE 440256K,
OVERFLOW ON SP136 SIZE 1760K;

CREATE DSI ORDERLIN_273_DSI
DSO ORDERLINE_DSO
USING(2993,3003)
ALLOCATE PRIME   ON SP137 SIZE 440256K,
OVERFLOW ON SP137 SIZE 1760K;

CREATE DSI ORDERLIN_274_DSI
DSO ORDERLINE_DSO
USING(3004,3014)
ALLOCATE PRIME   ON SP137 SIZE 440256K,
OVERFLOW ON SP137 SIZE 1760K;

CREATE DSI ORDERLIN_275_DSI
DSO ORDERLINE_DSO
USING(3015,3025)
ALLOCATE PRIME   ON SP138 SIZE 440256K,
OVERFLOW ON SP138 SIZE 1760K;

CREATE DSI ORDERLIN_276_DSI
DSO ORDERLINE_DSO
USING(3026,3036)
ALLOCATE PRIME   ON SP138 SIZE 440256K,
OVERFLOW ON SP138 SIZE 1760K;

CREATE DSI ORDERLIN_277_DSI
DSO ORDERLINE_DSO
USING(3037,3047)
ALLOCATE PRIME   ON SP139 SIZE 440256K,
OVERFLOW ON SP139 SIZE 1760K;

CREATE DSI ORDERLIN_278_DSI
DSO ORDERLINE_DSO
USING(3048,3058)
ALLOCATE PRIME   ON SP139 SIZE 440256K,
OVERFLOW ON SP139 SIZE 1760K;

CREATE DSI ORDERLIN_279_DSI
DSO ORDERLINE_DSO
```

```

        USING(3059,3069)
        ALLOCATE PRIME   ON SP140 SIZE 440256K,
            OVERFLOW ON SP140 SIZE 1760K;

CREATE DSI ORDERLIN_280_DSI
DSO ORDERLINE_DSO
USING(3070,3080)
ALLOCATE PRIME   ON SP140 SIZE 440256K,
    OVERFLOW ON SP140 SIZE 1760K;

CREATE DSI ORDERLIN_281_DSI
DSO ORDERLINE_DSO
USING(3081,3091)
ALLOCATE PRIME   ON SP141 SIZE 440256K,
    OVERFLOW ON SP141 SIZE 1760K;

CREATE DSI ORDERLIN_282_DSI
DSO ORDERLINE_DSO
USING(3092,3102)
ALLOCATE PRIME   ON SP141 SIZE 440256K,
    OVERFLOW ON SP141 SIZE 1760K;

CREATE DSI ORDERLIN_283_DSI
DSO ORDERLINE_DSO
USING(3103,3113)
ALLOCATE PRIME   ON SP142 SIZE 440256K,
    OVERFLOW ON SP142 SIZE 1760K;

CREATE DSI ORDERLIN_284_DSI
DSO ORDERLINE_DSO
USING(3114,3124)
ALLOCATE PRIME   ON SP142 SIZE 440256K,
    OVERFLOW ON SP142 SIZE 1760K;

CREATE DSI ORDERLIN_285_DSI
DSO ORDERLINE_DSO
USING(3125,3135)
ALLOCATE PRIME   ON SP143 SIZE 440256K,
    OVERFLOW ON SP143 SIZE 1760K;

CREATE DSI ORDERLIN_286_DSI
DSO ORDERLINE_DSO
USING(3136,3146)
ALLOCATE PRIME   ON SP143 SIZE 440256K,
    OVERFLOW ON SP143 SIZE 1760K;

CREATE DSI ORDERLIN_287_DSI
DSO ORDERLINE_DSO
USING(3147,3157)
ALLOCATE PRIME   ON SP144 SIZE 440256K,
    OVERFLOW ON SP144 SIZE 1760K;

CREATE DSI ORDERLIN_288_DSI
DSO ORDERLINE_DSO
USING(3158,3168)
ALLOCATE PRIME   ON SP144 SIZE 440256K,
    OVERFLOW ON SP144 SIZE 1760K;

CREATE DSI ORDERLIN_289_DSI
DSO ORDERLINE_DSO
USING(3169,3179)
ALLOCATE PRIME   ON SP145 SIZE 440256K,
    OVERFLOW ON SP145 SIZE 1760K;

CREATE DSI ORDERLIN_290_DSI
DSO ORDERLINE_DSO
USING(3180,3190)
ALLOCATE PRIME   ON SP145 SIZE 440256K,
    OVERFLOW ON SP145 SIZE 1760K;

CREATE DSI ORDERLIN_291_DSI
DSO ORDERLINE_DSO
USING(3191,3201)
ALLOCATE PRIME   ON SP146 SIZE 440256K,
    OVERFLOW ON SP146 SIZE 1760K;

CREATE DSI ORDERLIN_292_DSI
DSO ORDERLINE_DSO
USING(3202,3212)
ALLOCATE PRIME   ON SP146 SIZE 440256K,
    OVERFLOW ON SP146 SIZE 1760K;

CREATE DSI ORDERLIN_293_DSI
DSO ORDERLINE_DSO
USING(3213,3223)
ALLOCATE PRIME   ON SP147 SIZE 440256K,
    OVERFLOW ON SP147 SIZE 1760K;

CREATE DSI ORDERLIN_294_DSI
DSO ORDERLINE_DSO
USING(3224,3234)
ALLOCATE PRIME   ON SP147 SIZE 440256K,
    OVERFLOW ON SP147 SIZE 1760K;

CREATE DSI ORDERLIN_295_DSI
DSO ORDERLINE_DSO
USING(3235,3245)
ALLOCATE PRIME   ON SP148 SIZE 440256K,
    OVERFLOW ON SP148 SIZE 1760K;

CREATE DSI ORDERLIN_296_DSI
DSO ORDERLINE_DSO
USING(3246,3256)
ALLOCATE PRIME   ON SP148 SIZE 440256K,
    OVERFLOW ON SP148 SIZE 1760K;

CREATE DSI ORDERLIN_297_DSI
DSO ORDERLINE_DSO
USING(3257,3267)
ALLOCATE PRIME   ON SP149 SIZE 440256K,
    OVERFLOW ON SP149 SIZE 1760K;

CREATE DSI ORDERLIN_298_DSI
DSO ORDERLINE_DSO
USING(3268,3278)
ALLOCATE PRIME   ON SP149 SIZE 440256K,
    OVERFLOW ON SP149 SIZE 1760K;

CREATE DSI ORDERLIN_299_DSI
DSO ORDERLINE_DSO
USING(3279,3289)
ALLOCATE PRIME   ON SP150 SIZE 440256K,
    OVERFLOW ON SP150 SIZE 1760K;

CREATE DSI ORDERLIN_300_DSI
DSO ORDERLINE_DSO

```

```
        USING(3290,3300)
        ALLOCATE PRIME   ON SP150 SIZE 440256K,
        OVERFLOW ON SP150 SIZE 1760K;

CREATE DSI ORDERLIN_301_DSI
DSO ORDERLINE_DSO
USING(3301,3311)
ALLOCATE PRIME   ON SP151 SIZE 440256K,
OVERFLOW ON SP151 SIZE 1760K;

CREATE DSI ORDERLIN_302_DSI
DSO ORDERLINE_DSO
USING(3312,3322)
ALLOCATE PRIME   ON SP151 SIZE 440256K,
OVERFLOW ON SP151 SIZE 1760K;

CREATE DSI ORDERLIN_303_DSI
DSO ORDERLINE_DSO
USING(3323,3333)
ALLOCATE PRIME   ON SP152 SIZE 440256K,
OVERFLOW ON SP152 SIZE 1760K;

CREATE DSI ORDERLIN_304_DSI
DSO ORDERLINE_DSO
USING(3334,3344)
ALLOCATE PRIME   ON SP152 SIZE 440256K,
OVERFLOW ON SP152 SIZE 1760K;

CREATE DSI ORDERLIN_305_DSI
DSO ORDERLINE_DSO
USING(3345,3355)
ALLOCATE PRIME   ON SP153 SIZE 440256K,
OVERFLOW ON SP153 SIZE 1760K;

CREATE DSI ORDERLIN_306_DSI
DSO ORDERLINE_DSO
USING(3356,3366)
ALLOCATE PRIME   ON SP153 SIZE 440256K,
OVERFLOW ON SP153 SIZE 1760K;

CREATE DSI ORDERLIN_307_DSI
DSO ORDERLINE_DSO
USING(3367,3377)
ALLOCATE PRIME   ON SP154 SIZE 440256K,
OVERFLOW ON SP154 SIZE 1760K;

CREATE DSI ORDERLIN_308_DSI
DSO ORDERLINE_DSO
USING(3378,3388)
ALLOCATE PRIME   ON SP154 SIZE 440256K,
OVERFLOW ON SP154 SIZE 1760K;

CREATE DSI ORDERLIN_309_DSI
DSO ORDERLINE_DSO
USING(3389,3399)
ALLOCATE PRIME   ON SP155 SIZE 440256K,
OVERFLOW ON SP155 SIZE 1760K;

CREATE DSI ORDERLIN_310_DSI
DSO ORDERLINE_DSO
USING(3400,3410)
ALLOCATE PRIME   ON SP155 SIZE 440256K,
OVERFLOW ON SP155 SIZE 1760K;

CREATE DSI ORDERLIN_311_DSI
DSO ORDERLINE_DSO
USING(3411,3421)
ALLOCATE PRIME   ON SP156 SIZE 440256K,
OVERFLOW ON SP156 SIZE 1760K;

CREATE DSI ORDERLIN_312_DSI
DSO ORDERLINE_DSO
USING(3422,3432)
ALLOCATE PRIME   ON SP156 SIZE 440256K,
OVERFLOW ON SP156 SIZE 1760K;

CREATE DSI ORDERLIN_313_DSI
DSO ORDERLINE_DSO
USING(3433,3443)
ALLOCATE PRIME   ON SP157 SIZE 440256K,
OVERFLOW ON SP157 SIZE 1760K;

CREATE DSI ORDERLIN_314_DSI
DSO ORDERLINE_DSO
USING(3444,3454)
ALLOCATE PRIME   ON SP157 SIZE 440256K,
OVERFLOW ON SP157 SIZE 1760K;

CREATE DSI ORDERLIN_315_DSI
DSO ORDERLINE_DSO
USING(3455,3465)
ALLOCATE PRIME   ON SP158 SIZE 440256K,
OVERFLOW ON SP158 SIZE 1760K;

CREATE DSI ORDERLIN_316_DSI
DSO ORDERLINE_DSO
USING(3466,3476)
ALLOCATE PRIME   ON SP158 SIZE 440256K,
OVERFLOW ON SP158 SIZE 1760K;

CREATE DSI ORDERLIN_317_DSI
DSO ORDERLINE_DSO
USING(3477,3487)
ALLOCATE PRIME   ON SP159 SIZE 440256K,
OVERFLOW ON SP159 SIZE 1760K;

CREATE DSI ORDERLIN_318_DSI
DSO ORDERLINE_DSO
USING(3488,3498)
ALLOCATE PRIME   ON SP159 SIZE 440256K,
OVERFLOW ON SP159 SIZE 1760K;

CREATE DSI ORDERLIN_319_DSI
DSO ORDERLINE_DSO
USING(3499,3509)
ALLOCATE PRIME   ON SP160 SIZE 440256K,
OVERFLOW ON SP160 SIZE 1760K;

CREATE DSI ORDERLIN_320_DSI
DSO ORDERLINE_DSO
USING(3510,3520)
ALLOCATE PRIME   ON SP160 SIZE 440256K,
OVERFLOW ON SP160 SIZE 1760K;

CREATE DSI ORDERLIN_321_DSI
DSO ORDERLINE_DSO
```

```

        USING(3521,3531)
        ALLOCATE PRIME   ON SP161 SIZE 440256K,
        OVERFLOW ON SP161 SIZE 1760K;

CREATE DSI ORDERLIN_322_DSI
DSO ORDERLINE_DSO
USING(3532,3542)
ALLOCATE PRIME   ON SP161 SIZE 440256K,
OVERFLOW ON SP161 SIZE 1760K;

CREATE DSI ORDERLIN_323_DSI
DSO ORDERLINE_DSO
USING(3543,3553)
ALLOCATE PRIME   ON SP162 SIZE 440256K,
OVERFLOW ON SP162 SIZE 1760K;

CREATE DSI ORDERLIN_324_DSI
DSO ORDERLINE_DSO
USING(3554,3564)
ALLOCATE PRIME   ON SP162 SIZE 440256K,
OVERFLOW ON SP162 SIZE 1760K;

CREATE DSI ORDERLIN_325_DSI
DSO ORDERLINE_DSO
USING(3565,3575)
ALLOCATE PRIME   ON SP163 SIZE 440256K,
OVERFLOW ON SP163 SIZE 1760K;

CREATE DSI ORDERLIN_326_DSI
DSO ORDERLINE_DSO
USING(3576,3586)
ALLOCATE PRIME   ON SP163 SIZE 440256K,
OVERFLOW ON SP163 SIZE 1760K;

CREATE DSI ORDERLIN_327_DSI
DSO ORDERLINE_DSO
USING(3587,3597)
ALLOCATE PRIME   ON SP164 SIZE 440256K,
OVERFLOW ON SP164 SIZE 1760K;

CREATE DSI ORDERLIN_328_DSI
DSO ORDERLINE_DSO
USING(3598,3608)
ALLOCATE PRIME   ON SP164 SIZE 440256K,
OVERFLOW ON SP164 SIZE 1760K;

CREATE DSI ORDERLIN_329_DSI
DSO ORDERLINE_DSO
USING(3609,3619)
ALLOCATE PRIME   ON SP165 SIZE 440256K,
OVERFLOW ON SP165 SIZE 1760K;

CREATE DSI ORDERLIN_330_DSI
DSO ORDERLINE_DSO
USING(3620,3630)
ALLOCATE PRIME   ON SP165 SIZE 440256K,
OVERFLOW ON SP165 SIZE 1760K;

CREATE DSI ORDERLIN_331_DSI
DSO ORDERLINE_DSO
USING(3631,3641)
ALLOCATE PRIME   ON SP166 SIZE 440256K,
OVERFLOW ON SP166 SIZE 1760K;

CREATE DSI ORDERLIN_332_DSI
DSO ORDERLINE_DSO
USING(3642,3652)
ALLOCATE PRIME   ON SP166 SIZE 440256K,
OVERFLOW ON SP166 SIZE 1760K;

CREATE DSI ORDERLIN_333_DSI
DSO ORDERLINE_DSO
USING(3653,3663)
ALLOCATE PRIME   ON SP167 SIZE 440256K,
OVERFLOW ON SP167 SIZE 1760K;

CREATE DSI ORDERLIN_334_DSI
DSO ORDERLINE_DSO
USING(3664,3674)
ALLOCATE PRIME   ON SP167 SIZE 440256K,
OVERFLOW ON SP167 SIZE 1760K;

CREATE DSI ORDERLIN_335_DSI
DSO ORDERLINE_DSO
USING(3675,3685)
ALLOCATE PRIME   ON SP168 SIZE 440256K,
OVERFLOW ON SP168 SIZE 1760K;

CREATE DSI ORDERLIN_336_DSI
DSO ORDERLINE_DSO
USING(3686,3696)
ALLOCATE PRIME   ON SP168 SIZE 440256K,
OVERFLOW ON SP168 SIZE 1760K;

CREATE DSI ORDERLIN_337_DSI
DSO ORDERLINE_DSO
USING(3697,3707)
ALLOCATE PRIME   ON SP169 SIZE 440256K,
OVERFLOW ON SP169 SIZE 1760K;

CREATE DSI ORDERLIN_338_DSI
DSO ORDERLINE_DSO
USING(3708,3718)
ALLOCATE PRIME   ON SP169 SIZE 440256K,
OVERFLOW ON SP169 SIZE 1760K;

CREATE DSI ORDERLIN_339_DSI
DSO ORDERLINE_DSO
USING(3719,3729)
ALLOCATE PRIME   ON SP170 SIZE 440256K,
OVERFLOW ON SP170 SIZE 1760K;

CREATE DSI ORDERLIN_340_DSI
DSO ORDERLINE_DSO
USING(3730,3740)
ALLOCATE PRIME   ON SP170 SIZE 440256K,
OVERFLOW ON SP170 SIZE 1760K;

CREATE DSI ORDERLIN_341_DSI
DSO ORDERLINE_DSO
USING(3741,3751)
ALLOCATE PRIME   ON SP171 SIZE 440256K,
OVERFLOW ON SP171 SIZE 1760K;

CREATE DSI ORDERLIN_342_DSI
DSO ORDERLINE_DSO

```

```
USING(3752,3762)
ALLOCATE PRIME ON SP171 SIZE 440256K,
OVERFLOW ON SP171 SIZE 1760K;

CREATE DSI ORDERLIN_343_DSI
DSO ORDERLINE_DSO
USING(3763,3773)
ALLOCATE PRIME ON SP172 SIZE 440256K,
OVERFLOW ON SP172 SIZE 1760K;

CREATE DSI ORDERLIN_344_DSI
DSO ORDERLINE_DSO
USING(3774,3784)
ALLOCATE PRIME ON SP172 SIZE 440256K,
OVERFLOW ON SP172 SIZE 1760K;

CREATE DSI ORDERLIN_345_DSI
DSO ORDERLINE_DSO
USING(3785,3795)
ALLOCATE PRIME ON SP173 SIZE 440256K,
OVERFLOW ON SP173 SIZE 1760K;

CREATE DSI ORDERLIN_346_DSI
DSO ORDERLINE_DSO
USING(3796,3806)
ALLOCATE PRIME ON SP173 SIZE 440256K,
OVERFLOW ON SP173 SIZE 1760K;

CREATE DSI ORDERLIN_347_DSI
DSO ORDERLINE_DSO
USING(3807,3817)
ALLOCATE PRIME ON SP174 SIZE 440256K,
OVERFLOW ON SP174 SIZE 1760K;

CREATE DSI ORDERLIN_348_DSI
DSO ORDERLINE_DSO
USING(3818,3828)
ALLOCATE PRIME ON SP174 SIZE 440256K,
OVERFLOW ON SP174 SIZE 1760K;

CREATE DSI ORDERLIN_349_DSI
DSO ORDERLINE_DSO
USING(3829,3839)
ALLOCATE PRIME ON SP175 SIZE 440256K,
OVERFLOW ON SP175 SIZE 1760K;

CREATE DSI ORDERLIN_350_DSI
DSO ORDERLINE_DSO
USING(3840,3850)
ALLOCATE PRIME ON SP175 SIZE 440256K,
OVERFLOW ON SP175 SIZE 1760K;

CREATE DSI ORDERLIN_351_DSI
DSO ORDERLINE_DSO
USING(3851,3861)
ALLOCATE PRIME ON SP176 SIZE 440256K,
OVERFLOW ON SP176 SIZE 1760K;

CREATE DSI ORDERLIN_352_DSI
DSO ORDERLINE_DSO
USING(3862,3872)
ALLOCATE PRIME ON SP176 SIZE 440256K,
OVERFLOW ON SP176 SIZE 1760K;

CREATE DSI ORDERLIN_353_DSI
DSO ORDERLINE_DSO
USING(3873,3883)
ALLOCATE PRIME ON SP177 SIZE 440256K,
OVERFLOW ON SP177 SIZE 1760K;

CREATE DSI ORDERLIN_354_DSI
DSO ORDERLINE_DSO
USING(3884,3894)
ALLOCATE PRIME ON SP177 SIZE 440256K,
OVERFLOW ON SP177 SIZE 1760K;

CREATE DSI ORDERLIN_355_DSI
DSO ORDERLINE_DSO
USING(3895,3905)
ALLOCATE PRIME ON SP178 SIZE 440256K,
OVERFLOW ON SP178 SIZE 1760K;

CREATE DSI ORDERLIN_356_DSI
DSO ORDERLINE_DSO
USING(3906,3916)
ALLOCATE PRIME ON SP178 SIZE 440256K,
OVERFLOW ON SP178 SIZE 1760K;

CREATE DSI ORDERLIN_357_DSI
DSO ORDERLINE_DSO
USING(3917,3927)
ALLOCATE PRIME ON SP179 SIZE 440256K,
OVERFLOW ON SP179 SIZE 1760K;

CREATE DSI ORDERLIN_358_DSI
DSO ORDERLINE_DSO
USING(3928,3938)
ALLOCATE PRIME ON SP179 SIZE 440256K,
OVERFLOW ON SP179 SIZE 1760K;

CREATE DSI ORDERLIN_359_DSI
DSO ORDERLINE_DSO
USING(3939,3949)
ALLOCATE PRIME ON SP180 SIZE 440256K,
OVERFLOW ON SP180 SIZE 1760K;

CREATE DSI ORDERLIN_360_DSI
DSO ORDERLINE_DSO
USING(3950,3960)
ALLOCATE PRIME ON SP180 SIZE 440256K,
OVERFLOW ON SP180 SIZE 1760K;

CREATE DSI ORDERLIN_361_DSI
DSO ORDERLINE_DSO
USING(3961,3971)
ALLOCATE PRIME ON SP181 SIZE 440256K,
OVERFLOW ON SP181 SIZE 1760K;

CREATE DSI ORDERLIN_362_DSI
DSO ORDERLINE_DSO
USING(3972,3982)
ALLOCATE PRIME ON SP181 SIZE 440256K,
OVERFLOW ON SP181 SIZE 1760K;

CREATE DSI ORDERLIN_363_DSI
DSO ORDERLINE_DSO
```

```

        USING(3983,3993)
        ALLOCATE PRIME   ON SP182 SIZE 440256K,
        OVERFLOW ON SP182 SIZE 1760K;

CREATE DSI ORDERLIN_364_DSI
DSO ORDERLINE_DSO
USING(3994,4004)
ALLOCATE PRIME   ON SP182 SIZE 440256K,
OVERFLOW ON SP182 SIZE 1760K;

CREATE DSI ORDERLIN_365_DSI
DSO ORDERLINE_DSO
USING(4005,4015)
ALLOCATE PRIME   ON SP183 SIZE 440256K,
OVERFLOW ON SP183 SIZE 1760K;

CREATE DSI ORDERLIN_366_DSI
DSO ORDERLINE_DSO
USING(4016,4026)
ALLOCATE PRIME   ON SP183 SIZE 440256K,
OVERFLOW ON SP183 SIZE 1760K;

CREATE DSI ORDERLIN_367_DSI
DSO ORDERLINE_DSO
USING(4027,4037)
ALLOCATE PRIME   ON SP184 SIZE 440256K,
OVERFLOW ON SP184 SIZE 1760K;

CREATE DSI ORDERLIN_368_DSI
DSO ORDERLINE_DSO
USING(4038,4048)
ALLOCATE PRIME   ON SP184 SIZE 440256K,
OVERFLOW ON SP184 SIZE 1760K;

CREATE DSI ORDERLIN_369_DSI
DSO ORDERLINE_DSO
USING(4049,4059)
ALLOCATE PRIME   ON SP185 SIZE 440256K,
OVERFLOW ON SP185 SIZE 1760K;

CREATE DSI ORDERLIN_370_DSI
DSO ORDERLINE_DSO
USING(4060,4070)
ALLOCATE PRIME   ON SP185 SIZE 440256K,
OVERFLOW ON SP185 SIZE 1760K;

CREATE DSI ORDERLIN_371_DSI
DSO ORDERLINE_DSO
USING(4071,4081)
ALLOCATE PRIME   ON SP186 SIZE 440256K,
OVERFLOW ON SP186 SIZE 1760K;

CREATE DSI ORDERLIN_372_DSI
DSO ORDERLINE_DSO
USING(4082,4092)
ALLOCATE PRIME   ON SP186 SIZE 440256K,
OVERFLOW ON SP186 SIZE 1760K;

CREATE DSI ORDERLIN_373_DSI
DSO ORDERLINE_DSO
USING(4093,4103)
ALLOCATE PRIME   ON SP187 SIZE 440256K,
OVERFLOW ON SP187 SIZE 1760K;

CREATE DSI ORDERLIN_374_DSI
DSO ORDERLINE_DSO
USING(4104,4114)
ALLOCATE PRIME   ON SP187 SIZE 440256K,
OVERFLOW ON SP187 SIZE 1760K;

CREATE DSI ORDERLIN_375_DSI
DSO ORDERLINE_DSO
USING(4115,4125)
ALLOCATE PRIME   ON SP188 SIZE 440256K,
OVERFLOW ON SP188 SIZE 1760K;

CREATE DSI ORDERLIN_376_DSI
DSO ORDERLINE_DSO
USING(4126,4136)
ALLOCATE PRIME   ON SP188 SIZE 440256K,
OVERFLOW ON SP188 SIZE 1760K;

CREATE DSI ORDERLIN_377_DSI
DSO ORDERLINE_DSO
USING(4137,4147)
ALLOCATE PRIME   ON SP189 SIZE 440256K,
OVERFLOW ON SP189 SIZE 1760K;

CREATE DSI ORDERLIN_378_DSI
DSO ORDERLINE_DSO
USING(4148,4158)
ALLOCATE PRIME   ON SP189 SIZE 440256K,
OVERFLOW ON SP189 SIZE 1760K;

CREATE DSI ORDERLIN_379_DSI
DSO ORDERLINE_DSO
USING(4159,4169)
ALLOCATE PRIME   ON SP190 SIZE 440256K,
OVERFLOW ON SP190 SIZE 1760K;

CREATE DSI ORDERLIN_380_DSI
DSO ORDERLINE_DSO
USING(4170,4180)
ALLOCATE PRIME   ON SP190 SIZE 440256K,
OVERFLOW ON SP190 SIZE 1760K;

CREATE DSI ORDERLIN_381_DSI
DSO ORDERLINE_DSO
USING(4181,4191)
ALLOCATE PRIME   ON SP191 SIZE 440256K,
OVERFLOW ON SP191 SIZE 1760K;

CREATE DSI ORDERLIN_382_DSI
DSO ORDERLINE_DSO
USING(4192,4202)
ALLOCATE PRIME   ON SP191 SIZE 440256K,
OVERFLOW ON SP191 SIZE 1760K;

CREATE DSI ORDERLIN_383_DSI
DSO ORDERLINE_DSO
USING(4203,4213)
ALLOCATE PRIME   ON SP192 SIZE 440256K,
OVERFLOW ON SP192 SIZE 1760K;

CREATE DSI ORDERLIN_384_DSI
DSO ORDERLINE_DSO

```



```
USING(4214,4224)
ALLOCATE PRIME ON SP192 SIZE 440256K,
OVERFLOW ON SP192 SIZE 1760K;

CREATE DSI ORDERLIN_385_DSI
DSO ORDERLINE_DSO
USING(4225,4235)
ALLOCATE PRIME ON SP193 SIZE 440256K,
OVERFLOW ON SP193 SIZE 1760K;

CREATE DSI ORDERLIN_386_DSI
DSO ORDERLINE_DSO
USING(4236,4246)
ALLOCATE PRIME ON SP193 SIZE 440256K,
OVERFLOW ON SP193 SIZE 1760K;

CREATE DSI ORDERLIN_387_DSI
DSO ORDERLINE_DSO
USING(4247,4257)
ALLOCATE PRIME ON SP194 SIZE 440256K,
OVERFLOW ON SP194 SIZE 1760K;

CREATE DSI ORDERLIN_388_DSI
DSO ORDERLINE_DSO
USING(4258,4268)
ALLOCATE PRIME ON SP194 SIZE 440256K,
OVERFLOW ON SP194 SIZE 1760K;

CREATE DSI ORDERLIN_389_DSI
DSO ORDERLINE_DSO
USING(4269,4279)
ALLOCATE PRIME ON SP195 SIZE 440256K,
OVERFLOW ON SP195 SIZE 1760K;

CREATE DSI ORDERLIN_390_DSI
DSO ORDERLINE_DSO
USING(4280,4290)
ALLOCATE PRIME ON SP195 SIZE 440256K,
OVERFLOW ON SP195 SIZE 1760K;

CREATE DSI ORDERLIN_391_DSI
DSO ORDERLINE_DSO
USING(4291,4301)
ALLOCATE PRIME ON SP196 SIZE 440256K,
OVERFLOW ON SP196 SIZE 1760K;

CREATE DSI ORDERLIN_392_DSI
DSO ORDERLINE_DSO
USING(4302,4312)
ALLOCATE PRIME ON SP196 SIZE 440256K,
OVERFLOW ON SP196 SIZE 1760K;

CREATE DSI ORDERLIN_393_DSI
DSO ORDERLINE_DSO
USING(4313,4323)
ALLOCATE PRIME ON SP197 SIZE 440256K,
OVERFLOW ON SP197 SIZE 1760K;

CREATE DSI ORDERLIN_394_DSI
DSO ORDERLINE_DSO
USING(4324,4334)
ALLOCATE PRIME ON SP197 SIZE 440256K,
OVERFLOW ON SP197 SIZE 1760K;

CREATE DSI ORDERLIN_395_DSI
DSO ORDERLINE_DSO
USING(4335,4345)
ALLOCATE PRIME ON SP198 SIZE 440256K,
OVERFLOW ON SP198 SIZE 1760K;

CREATE DSI ORDERLIN_396_DSI
DSO ORDERLINE_DSO
USING(4346,4356)
ALLOCATE PRIME ON SP198 SIZE 440256K,
OVERFLOW ON SP198 SIZE 1760K;

CREATE DSI ORDERLIN_397_DSI
DSO ORDERLINE_DSO
USING(4357,4367)
ALLOCATE PRIME ON SP199 SIZE 440256K,
OVERFLOW ON SP199 SIZE 1760K;

CREATE DSI ORDERLIN_398_DSI
DSO ORDERLINE_DSO
USING(4368,4378)
ALLOCATE PRIME ON SP199 SIZE 440256K,
OVERFLOW ON SP199 SIZE 1760K;

CREATE DSI ORDERLIN_399_DSI
DSO ORDERLINE_DSO
USING(4379,4389)
ALLOCATE PRIME ON SP200 SIZE 440256K,
OVERFLOW ON SP200 SIZE 1760K;

CREATE DSI ORDERLIN_400_DSI
DSO ORDERLINE_DSO
USING(4390,4400)
ALLOCATE PRIME ON SP200 SIZE 440256K,
OVERFLOW ON SP200 SIZE 1760K;

CREATE DSI ORDERLIN_401_DSI
DSO ORDERLINE_DSO
USING(4401,4411)
ALLOCATE PRIME ON SP201 SIZE 440256K,
OVERFLOW ON SP201 SIZE 1760K;

CREATE DSI ORDERLIN_402_DSI
DSO ORDERLINE_DSO
USING(4412,4422)
ALLOCATE PRIME ON SP201 SIZE 440256K,
OVERFLOW ON SP201 SIZE 1760K;

CREATE DSI ORDERLIN_403_DSI
DSO ORDERLINE_DSO
USING(4423,4433)
ALLOCATE PRIME ON SP202 SIZE 440256K,
OVERFLOW ON SP202 SIZE 1760K;

CREATE DSI ORDERLIN_404_DSI
DSO ORDERLINE_DSO
USING(4434,4444)
ALLOCATE PRIME ON SP202 SIZE 440256K,
OVERFLOW ON SP202 SIZE 1760K;

CREATE DSI ORDERLIN_405_DSI
DSO ORDERLINE_DSO
```



```

        USING(4445,4455)
        ALLOCATE PRIME   ON SP203 SIZE 440256K,
        OVERFLOW ON SP203 SIZE 1760K;

CREATE DSI ORDERLIN_406_DSI
DSO ORDERLINE_DSO
USING(4456,4466)
ALLOCATE PRIME   ON SP203 SIZE 440256K,
OVERFLOW ON SP203 SIZE 1760K;

CREATE DSI ORDERLIN_407_DSI
DSO ORDERLINE_DSO
USING(4467,4477)
ALLOCATE PRIME   ON SP204 SIZE 440256K,
OVERFLOW ON SP204 SIZE 1760K;

CREATE DSI ORDERLIN_408_DSI
DSO ORDERLINE_DSO
USING(4478,4488)
ALLOCATE PRIME   ON SP204 SIZE 440256K,
OVERFLOW ON SP204 SIZE 1760K;

CREATE DSI ORDERLIN_409_DSI
DSO ORDERLINE_DSO
USING(4489,4499)
ALLOCATE PRIME   ON SP205 SIZE 440256K,
OVERFLOW ON SP205 SIZE 1760K;

CREATE DSI ORDERLIN_410_DSI
DSO ORDERLINE_DSO
USING(4500,4510)
ALLOCATE PRIME   ON SP205 SIZE 440256K,
OVERFLOW ON SP205 SIZE 1760K;

CREATE DSI ORDERLIN_411_DSI
DSO ORDERLINE_DSO
USING(4511,4521)
ALLOCATE PRIME   ON SP206 SIZE 440256K,
OVERFLOW ON SP206 SIZE 1760K;

CREATE DSI ORDERLIN_412_DSI
DSO ORDERLINE_DSO
USING(4522,4532)
ALLOCATE PRIME   ON SP206 SIZE 440256K,
OVERFLOW ON SP206 SIZE 1760K;

CREATE DSI ORDERLIN_413_DSI
DSO ORDERLINE_DSO
USING(4533,4543)
ALLOCATE PRIME   ON SP207 SIZE 440256K,
OVERFLOW ON SP207 SIZE 1760K;

CREATE DSI ORDERLIN_414_DSI
DSO ORDERLINE_DSO
USING(4544,4554)
ALLOCATE PRIME   ON SP207 SIZE 440256K,
OVERFLOW ON SP207 SIZE 1760K;

CREATE DSI ORDERLIN_415_DSI
DSO ORDERLINE_DSO
USING(4555,4565)
ALLOCATE PRIME   ON SP208 SIZE 440256K,
OVERFLOW ON SP208 SIZE 1760K;

CREATE DSI ORDERLIN_416_DSI
DSO ORDERLINE_DSO
USING(4566,4576)
ALLOCATE PRIME   ON SP208 SIZE 440256K,
OVERFLOW ON SP208 SIZE 1760K;

CREATE DSI ORDERLIN_417_DSI
DSO ORDERLINE_DSO
USING(4577,4587)
ALLOCATE PRIME   ON SP209 SIZE 440256K,
OVERFLOW ON SP209 SIZE 1760K;

CREATE DSI ORDERLIN_418_DSI
DSO ORDERLINE_DSO
USING(4588,4598)
ALLOCATE PRIME   ON SP209 SIZE 440256K,
OVERFLOW ON SP209 SIZE 1760K;

CREATE DSI ORDERLIN_419_DSI
DSO ORDERLINE_DSO
USING(4599,4609)
ALLOCATE PRIME   ON SP210 SIZE 440256K,
OVERFLOW ON SP210 SIZE 1760K;

CREATE DSI ORDERLIN_420_DSI
DSO ORDERLINE_DSO
USING(4610,4620)
ALLOCATE PRIME   ON SP210 SIZE 440256K,
OVERFLOW ON SP210 SIZE 1760K;

CREATE DSI ORDERLIN_421_DSI
DSO ORDERLINE_DSO
USING(4621,4631)
ALLOCATE PRIME   ON SP211 SIZE 440256K,
OVERFLOW ON SP211 SIZE 1760K;

CREATE DSI ORDERLIN_422_DSI
DSO ORDERLINE_DSO
USING(4632,4642)
ALLOCATE PRIME   ON SP211 SIZE 440256K,
OVERFLOW ON SP211 SIZE 1760K;

CREATE DSI ORDERLIN_423_DSI
DSO ORDERLINE_DSO
USING(4643,4653)
ALLOCATE PRIME   ON SP212 SIZE 440256K,
OVERFLOW ON SP212 SIZE 1760K;

CREATE DSI ORDERLIN_424_DSI
DSO ORDERLINE_DSO
USING(4654,4664)
ALLOCATE PRIME   ON SP212 SIZE 440256K,
OVERFLOW ON SP212 SIZE 1760K;

CREATE DSI ORDERLIN_425_DSI
DSO ORDERLINE_DSO
USING(4665,4675)
ALLOCATE PRIME   ON SP213 SIZE 440256K,
OVERFLOW ON SP213 SIZE 1760K;

CREATE DSI ORDERLIN_426_DSI
DSO ORDERLINE_DSO

```

```
USING(4676,4686)
ALLOCATE PRIME ON SP213 SIZE 440256K,
OVERFLOW ON SP213 SIZE 1760K;

CREATE DSI ORDERLIN_427_DSI
DSO ORDERLINE_DSO
USING(4687,4697)
ALLOCATE PRIME ON SP214 SIZE 440256K,
OVERFLOW ON SP214 SIZE 1760K;

CREATE DSI ORDERLIN_428_DSI
DSO ORDERLINE_DSO
USING(4698,4708)
ALLOCATE PRIME ON SP214 SIZE 440256K,
OVERFLOW ON SP214 SIZE 1760K;

CREATE DSI ORDERLIN_429_DSI
DSO ORDERLINE_DSO
USING(4709,4719)
ALLOCATE PRIME ON SP215 SIZE 440256K,
OVERFLOW ON SP215 SIZE 1760K;

CREATE DSI ORDERLIN_430_DSI
DSO ORDERLINE_DSO
USING(4720,4730)
ALLOCATE PRIME ON SP215 SIZE 440256K,
OVERFLOW ON SP215 SIZE 1760K;

CREATE DSI ORDERLIN_431_DSI
DSO ORDERLINE_DSO
USING(4731,4741)
ALLOCATE PRIME ON SP216 SIZE 440256K,
OVERFLOW ON SP216 SIZE 1760K;

CREATE DSI ORDERLIN_432_DSI
DSO ORDERLINE_DSO
USING(4742,4752)
ALLOCATE PRIME ON SP216 SIZE 440256K,
OVERFLOW ON SP216 SIZE 1760K;

CREATE DSI ORDERLIN_433_DSI
DSO ORDERLINE_DSO
USING(4753,4763)
ALLOCATE PRIME ON SP217 SIZE 440256K,
OVERFLOW ON SP217 SIZE 1760K;

CREATE DSI ORDERLIN_434_DSI
DSO ORDERLINE_DSO
USING(4764,4774)
ALLOCATE PRIME ON SP217 SIZE 440256K,
OVERFLOW ON SP217 SIZE 1760K;

CREATE DSI ORDERLIN_435_DSI
DSO ORDERLINE_DSO
USING(4775,4785)
ALLOCATE PRIME ON SP218 SIZE 440256K,
OVERFLOW ON SP218 SIZE 1760K;

CREATE DSI ORDERLIN_436_DSI
DSO ORDERLINE_DSO
USING(4786,4796)
ALLOCATE PRIME ON SP218 SIZE 440256K,
OVERFLOW ON SP218 SIZE 1760K;

CREATE DSI ORDERLIN_437_DSI
DSO ORDERLINE_DSO
USING(4797,4807)
ALLOCATE PRIME ON SP219 SIZE 440256K,
OVERFLOW ON SP219 SIZE 1760K;

CREATE DSI ORDERLIN_438_DSI
DSO ORDERLINE_DSO
USING(4808,4818)
ALLOCATE PRIME ON SP219 SIZE 440256K,
OVERFLOW ON SP219 SIZE 1760K;

CREATE DSI ORDERLIN_439_DSI
DSO ORDERLINE_DSO
USING(4819,4829)
ALLOCATE PRIME ON SP220 SIZE 440256K,
OVERFLOW ON SP220 SIZE 1760K;

CREATE DSI ORDERLIN_440_DSI
DSO ORDERLINE_DSO
USING(4830,4840)
ALLOCATE PRIME ON SP220 SIZE 440256K,
OVERFLOW ON SP220 SIZE 1760K;

CREATE DSI ORDERLIN_441_DSI
DSO ORDERLINE_DSO
USING(4841,4851)
ALLOCATE PRIME ON SP221 SIZE 440256K,
OVERFLOW ON SP221 SIZE 1760K;

CREATE DSI ORDERLIN_442_DSI
DSO ORDERLINE_DSO
USING(4852,4862)
ALLOCATE PRIME ON SP221 SIZE 440256K,
OVERFLOW ON SP221 SIZE 1760K;

CREATE DSI ORDERLIN_443_DSI
DSO ORDERLINE_DSO
USING(4863,4873)
ALLOCATE PRIME ON SP222 SIZE 440256K,
OVERFLOW ON SP222 SIZE 1760K;

CREATE DSI ORDERLIN_444_DSI
DSO ORDERLINE_DSO
USING(4874,4884)
ALLOCATE PRIME ON SP222 SIZE 440256K,
OVERFLOW ON SP222 SIZE 1760K;

CREATE DSI ORDERLIN_445_DSI
DSO ORDERLINE_DSO
USING(4885,4895)
ALLOCATE PRIME ON SP223 SIZE 440256K,
OVERFLOW ON SP223 SIZE 1760K;

CREATE DSI ORDERLIN_446_DSI
DSO ORDERLINE_DSO
USING(4896,4906)
ALLOCATE PRIME ON SP223 SIZE 440256K,
OVERFLOW ON SP223 SIZE 1760K;

CREATE DSI ORDERLIN_447_DSI
DSO ORDERLINE_DSO
```

```

USING(4907,4917)
ALLOCATE PRIME ON SP224 SIZE 440256K,
OVERFLOW ON SP224 SIZE 1760K;

CREATE DSI ORDERLIN_448_DSI
DSO ORDERLINE_DSO
USING(4918,4928)
ALLOCATE PRIME ON SP224 SIZE 440256K,
OVERFLOW ON SP224 SIZE 1760K;

CREATE DSI ORDERLIN_449_DSI
DSO ORDERLINE_DSO
USING(4929,4939)
ALLOCATE PRIME ON SP225 SIZE 440256K,
OVERFLOW ON SP225 SIZE 1760K;

CREATE DSI ORDERLIN_450_DSI
DSO ORDERLINE_DSO
USING(4940,4950)
ALLOCATE PRIME ON SP225 SIZE 440256K,
OVERFLOW ON SP225 SIZE 1760K;

CREATE DSI ORDERLIN_451_DSI
DSO ORDERLINE_DSO
USING(4951,4961)
ALLOCATE PRIME ON SP226 SIZE 440256K,
OVERFLOW ON SP226 SIZE 1760K;

CREATE DSI ORDERLIN_452_DSI
DSO ORDERLINE_DSO
USING(4962,4972)
ALLOCATE PRIME ON SP226 SIZE 440256K,
OVERFLOW ON SP226 SIZE 1760K;

CREATE DSI ORDERLIN_453_DSI
DSO ORDERLINE_DSO
USING(4973,4983)
ALLOCATE PRIME ON SP227 SIZE 440256K,
OVERFLOW ON SP227 SIZE 1760K;

CREATE DSI ORDERLIN_454_DSI
DSO ORDERLINE_DSO
USING(4984,4994)
ALLOCATE PRIME ON SP227 SIZE 440256K,
OVERFLOW ON SP227 SIZE 1760K;

CREATE DSI ORDERLIN_455_DSI
DSO ORDERLINE_DSO
USING(4995,5005)
ALLOCATE PRIME ON SP228 SIZE 440256K,
OVERFLOW ON SP228 SIZE 1760K;

CREATE DSI ORDERLIN_456_DSI
DSO ORDERLINE_DSO
USING(5006,5016)
ALLOCATE PRIME ON SP228 SIZE 440256K,
OVERFLOW ON SP228 SIZE 1760K;

CREATE DSI ORDERLIN_457_DSI
DSO ORDERLINE_DSO
USING(5017,5027)
ALLOCATE PRIME ON SP229 SIZE 440256K,
OVERFLOW ON SP229 SIZE 1760K;

CREATE DSI ORDERLIN_458_DSI
DSO ORDERLINE_DSO
USING(5028,5038)
ALLOCATE PRIME ON SP229 SIZE 440256K,
OVERFLOW ON SP229 SIZE 1760K;

CREATE DSI ORDERLIN_459_DSI
DSO ORDERLINE_DSO
USING(5039,5049)
ALLOCATE PRIME ON SP230 SIZE 440256K,
OVERFLOW ON SP230 SIZE 1760K;

CREATE DSI ORDERLIN_460_DSI
DSO ORDERLINE_DSO
USING(5050,5060)
ALLOCATE PRIME ON SP230 SIZE 440256K,
OVERFLOW ON SP230 SIZE 1760K;

CREATE DSI ORDERLIN_461_DSI
DSO ORDERLINE_DSO
USING(5061,5071)
ALLOCATE PRIME ON SP231 SIZE 440256K,
OVERFLOW ON SP231 SIZE 1760K;

CREATE DSI ORDERLIN_462_DSI
DSO ORDERLINE_DSO
USING(5072,5082)
ALLOCATE PRIME ON SP231 SIZE 440256K,
OVERFLOW ON SP231 SIZE 1760K;

CREATE DSI ORDERLIN_463_DSI
DSO ORDERLINE_DSO
USING(5083,5093)
ALLOCATE PRIME ON SP232 SIZE 440256K,
OVERFLOW ON SP232 SIZE 1760K;

CREATE DSI ORDERLIN_464_DSI
DSO ORDERLINE_DSO
USING(5094,5104)
ALLOCATE PRIME ON SP232 SIZE 440256K,
OVERFLOW ON SP232 SIZE 1760K;

CREATE DSI ORDERLIN_465_DSI
DSO ORDERLINE_DSO
USING(5105,5115)
ALLOCATE PRIME ON SP233 SIZE 440256K,
OVERFLOW ON SP233 SIZE 1760K;

CREATE DSI ORDERLIN_466_DSI
DSO ORDERLINE_DSO
USING(5116,5126)
ALLOCATE PRIME ON SP233 SIZE 440256K,
OVERFLOW ON SP233 SIZE 1760K;

CREATE DSI ORDERLIN_467_DSI
DSO ORDERLINE_DSO
USING(5127,5137)
ALLOCATE PRIME ON SP234 SIZE 440256K,
OVERFLOW ON SP234 SIZE 1760K;

CREATE DSI ORDERLIN_468_DSI
DSO ORDERLINE_DSO

```

```
        USING(5138,5148)
        ALLOCATE PRIME   ON SP234 SIZE 440256K,
        OVERFLOW ON SP234 SIZE 1760K;

CREATE DSI ORDERLIN_469_DSI
DSO ORDERLINE_DSO
USING(5149,5159)
ALLOCATE PRIME   ON SP235 SIZE 440256K,
OVERFLOW ON SP235 SIZE 1760K;

CREATE DSI ORDERLIN_470_DSI
DSO ORDERLINE_DSO
USING(5160,5170)
ALLOCATE PRIME   ON SP235 SIZE 440256K,
OVERFLOW ON SP235 SIZE 1760K;

CREATE DSI ORDERLIN_471_DSI
DSO ORDERLINE_DSO
USING(5171,5181)
ALLOCATE PRIME   ON SP236 SIZE 440256K,
OVERFLOW ON SP236 SIZE 1760K;

CREATE DSI ORDERLIN_472_DSI
DSO ORDERLINE_DSO
USING(5182,5192)
ALLOCATE PRIME   ON SP236 SIZE 440256K,
OVERFLOW ON SP236 SIZE 1760K;

CREATE DSI ORDERLIN_473_DSI
DSO ORDERLINE_DSO
USING(5193,5203)
ALLOCATE PRIME   ON SP237 SIZE 440256K,
OVERFLOW ON SP237 SIZE 1760K;

CREATE DSI ORDERLIN_474_DSI
DSO ORDERLINE_DSO
USING(5204,5214)
ALLOCATE PRIME   ON SP237 SIZE 440256K,
OVERFLOW ON SP237 SIZE 1760K;

CREATE DSI ORDERLIN_475_DSI
DSO ORDERLINE_DSO
USING(5215,5225)
ALLOCATE PRIME   ON SP238 SIZE 440256K,
OVERFLOW ON SP238 SIZE 1760K;

CREATE DSI ORDERLIN_476_DSI
DSO ORDERLINE_DSO
USING(5226,5236)
ALLOCATE PRIME   ON SP238 SIZE 440256K,
OVERFLOW ON SP238 SIZE 1760K;

CREATE DSI ORDERLIN_477_DSI
DSO ORDERLINE_DSO
USING(5237,5247)
ALLOCATE PRIME   ON SP239 SIZE 440256K,
OVERFLOW ON SP239 SIZE 1760K;

CREATE DSI ORDERLIN_478_DSI
DSO ORDERLINE_DSO
USING(5248,5258)
ALLOCATE PRIME   ON SP239 SIZE 440256K,
OVERFLOW ON SP239 SIZE 1760K;

CREATE DSI ORDERLIN_479_DSI
DSO ORDERLINE_DSO
USING(5259,5269)
ALLOCATE PRIME   ON SP240 SIZE 440256K,
OVERFLOW ON SP240 SIZE 1760K;

CREATE DSI ORDERLIN_480_DSI
DSO ORDERLINE_DSO
USING(5270,5280)
ALLOCATE PRIME   ON SP240 SIZE 440256K,
OVERFLOW ON SP240 SIZE 1760K;

CREATE DSI ORDERLIN_481_DSI
DSO ORDERLINE_DSO
USING(5281,5291)
ALLOCATE PRIME   ON SP241 SIZE 440256K,
OVERFLOW ON SP241 SIZE 1760K;

CREATE DSI ORDERLIN_482_DSI
DSO ORDERLINE_DSO
USING(5292,5302)
ALLOCATE PRIME   ON SP241 SIZE 440256K,
OVERFLOW ON SP241 SIZE 1760K;

CREATE DSI ORDERLIN_483_DSI
DSO ORDERLINE_DSO
USING(5303,5313)
ALLOCATE PRIME   ON SP242 SIZE 440256K,
OVERFLOW ON SP242 SIZE 1760K;

CREATE DSI ORDERLIN_484_DSI
DSO ORDERLINE_DSO
USING(5314,5324)
ALLOCATE PRIME   ON SP242 SIZE 440256K,
OVERFLOW ON SP242 SIZE 1760K;

CREATE DSI ORDERLIN_485_DSI
DSO ORDERLINE_DSO
USING(5325,5335)
ALLOCATE PRIME   ON SP243 SIZE 440256K,
OVERFLOW ON SP243 SIZE 1760K;

CREATE DSI ORDERLIN_486_DSI
DSO ORDERLINE_DSO
USING(5336,5346)
ALLOCATE PRIME   ON SP243 SIZE 440256K,
OVERFLOW ON SP243 SIZE 1760K;

CREATE DSI ORDERLIN_487_DSI
DSO ORDERLINE_DSO
USING(5347,5357)
ALLOCATE PRIME   ON SP244 SIZE 440256K,
OVERFLOW ON SP244 SIZE 1760K;

CREATE DSI ORDERLIN_488_DSI
DSO ORDERLINE_DSO
USING(5358,5368)
ALLOCATE PRIME   ON SP244 SIZE 440256K,
OVERFLOW ON SP244 SIZE 1760K;

CREATE DSI ORDERLIN_489_DSI
DSO ORDERLINE_DSO
```

```

        USING(5369,5379)
        ALLOCATE PRIME   ON SP245 SIZE 440256K,
        OVERFLOW ON SP245 SIZE 1760K;

CREATE DSI ORDERLIN_490_DSI
DSO ORDERLINE_DSO
USING(5380,5390)
ALLOCATE PRIME   ON SP245 SIZE 440256K,
OVERFLOW ON SP245 SIZE 1760K;

CREATE DSI ORDERLIN_491_DSI
DSO ORDERLINE_DSO
USING(5391,5401)
ALLOCATE PRIME   ON SP246 SIZE 440256K,
OVERFLOW ON SP246 SIZE 1760K;

CREATE DSI ORDERLIN_492_DSI
DSO ORDERLINE_DSO
USING(5402,5412)
ALLOCATE PRIME   ON SP246 SIZE 440256K,
OVERFLOW ON SP246 SIZE 1760K;

CREATE DSI ORDERLIN_493_DSI
DSO ORDERLINE_DSO
USING(5413,5423)
ALLOCATE PRIME   ON SP247 SIZE 440256K,
OVERFLOW ON SP247 SIZE 1760K;

CREATE DSI ORDERLIN_494_DSI
DSO ORDERLINE_DSO
USING(5424,5434)
ALLOCATE PRIME   ON SP247 SIZE 440256K,
OVERFLOW ON SP247 SIZE 1760K;

CREATE DSI ORDERLIN_495_DSI
DSO ORDERLINE_DSO
USING(5435,5445)
ALLOCATE PRIME   ON SP248 SIZE 440256K,
OVERFLOW ON SP248 SIZE 1760K;

CREATE DSI ORDERLIN_496_DSI
DSO ORDERLINE_DSO
USING(5446,5456)
ALLOCATE PRIME   ON SP248 SIZE 440256K,
OVERFLOW ON SP248 SIZE 1760K;

CREATE DSI ORDERLIN_497_DSI
DSO ORDERLINE_DSO
USING(5457,5467)
ALLOCATE PRIME   ON SP249 SIZE 440256K,
OVERFLOW ON SP249 SIZE 1760K;

CREATE DSI ORDERLIN_498_DSI
DSO ORDERLINE_DSO
USING(5468,5478)
ALLOCATE PRIME   ON SP249 SIZE 440256K,
OVERFLOW ON SP249 SIZE 1760K;

CREATE DSI ORDERLIN_499_DSI
DSO ORDERLINE_DSO
USING(5479,5489)
ALLOCATE PRIME   ON SP250 SIZE 440256K,
OVERFLOW ON SP250 SIZE 1760K;

CREATE DSI ORDERLIN_500_DSI
DSO ORDERLINE_DSO
USING(5490,5500)
ALLOCATE PRIME   ON SP250 SIZE 440256K,
OVERFLOW ON SP250 SIZE 1760K;

CREATE DSI ORDERLIN_501_DSI
DSO ORDERLINE_DSO
USING(5501,5511)
ALLOCATE PRIME   ON SP251 SIZE 440256K,
OVERFLOW ON SP251 SIZE 1760K;

CREATE DSI ORDERLIN_502_DSI
DSO ORDERLINE_DSO
USING(5512,5522)
ALLOCATE PRIME   ON SP251 SIZE 440256K,
OVERFLOW ON SP251 SIZE 1760K;

CREATE DSI ORDERLIN_503_DSI
DSO ORDERLINE_DSO
USING(5523,5533)
ALLOCATE PRIME   ON SP252 SIZE 440256K,
OVERFLOW ON SP252 SIZE 1760K;

CREATE DSI ORDERLIN_504_DSI
DSO ORDERLINE_DSO
USING(5534,5544)
ALLOCATE PRIME   ON SP252 SIZE 440256K,
OVERFLOW ON SP252 SIZE 1760K;

CREATE DSI ORDERLIN_505_DSI
DSO ORDERLINE_DSO
USING(5545,5555)
ALLOCATE PRIME   ON SP253 SIZE 440256K,
OVERFLOW ON SP253 SIZE 1760K;

CREATE DSI ORDERLIN_506_DSI
DSO ORDERLINE_DSO
USING(5556,5566)
ALLOCATE PRIME   ON SP253 SIZE 440256K,
OVERFLOW ON SP253 SIZE 1760K;

CREATE DSI ORDERLIN_507_DSI
DSO ORDERLINE_DSO
USING(5567,5577)
ALLOCATE PRIME   ON SP254 SIZE 440256K,
OVERFLOW ON SP254 SIZE 1760K;

CREATE DSI ORDERLIN_508_DSI
DSO ORDERLINE_DSO
USING(5578,5588)
ALLOCATE PRIME   ON SP254 SIZE 440256K,
OVERFLOW ON SP254 SIZE 1760K;

CREATE DSI ORDERLIN_509_DSI
DSO ORDERLINE_DSO
USING(5589,5599)
ALLOCATE PRIME   ON SP255 SIZE 440256K,
OVERFLOW ON SP255 SIZE 1760K;

CREATE DSI ORDERLIN_510_DSI
DSO ORDERLINE_DSO

```

```

USING(5600,5610)
ALLOCATE PRIME   ON SP255 SIZE 440256K,
OVERFLOW ON SP255 SIZE 1760K;

CREATE DSI ORDERLIN_511_DSI
DSO ORDERLINE_DSO
USING(5611,5621)
ALLOCATE PRIME   ON SP256 SIZE 440256K,
OVERFLOW ON SP256 SIZE 1760K;

CREATE DSI ORDERLIN_512_DSI
DSO ORDERLINE_DSO
USING(5622,5632)
ALLOCATE PRIME   ON SP256 SIZE 440256K,
OVERFLOW ON SP256 SIZE 1760K;

CREATE DSI ORDERLIN_513_DSI
DSO ORDERLINE_DSO
USING(5633,5643)
ALLOCATE PRIME   ON SP257 SIZE 440256K,
OVERFLOW ON SP257 SIZE 1760K;

CREATE DSI ORDERLIN_514_DSI
DSO ORDERLINE_DSO
USING(5644,5654)
ALLOCATE PRIME   ON SP257 SIZE 440256K,
OVERFLOW ON SP257 SIZE 1760K;

CREATE DSI ORDERLIN_515_DSI
DSO ORDERLINE_DSO
USING(5655,5665)
ALLOCATE PRIME   ON SP258 SIZE 440256K,
OVERFLOW ON SP258 SIZE 1760K;

CREATE DSI ORDERLIN_516_DSI
DSO ORDERLINE_DSO
USING(5666,5676)
ALLOCATE PRIME   ON SP258 SIZE 440256K,
OVERFLOW ON SP258 SIZE 1760K;

CREATE DSI ORDERLIN_517_DSI
DSO ORDERLINE_DSO
USING(5677,5687)
ALLOCATE PRIME   ON SP259 SIZE 440256K,
OVERFLOW ON SP259 SIZE 1760K;

CREATE DSI ORDERLIN_518_DSI
DSO ORDERLINE_DSO
USING(5688,5698)
ALLOCATE PRIME   ON SP259 SIZE 440256K,
OVERFLOW ON SP259 SIZE 1760K;

CREATE DSI ORDERLIN_519_DSI
DSO ORDERLINE_DSO
USING(5699,5709)
ALLOCATE PRIME   ON SP260 SIZE 440256K,
OVERFLOW ON SP260 SIZE 1760K;

CREATE DSI ORDERLIN_520_DSI
DSO ORDERLINE_DSO
USING(5710,11440)
ALLOCATE PRIME   ON SP260 SIZE 440256K,
OVERFLOW ON SP260 SIZE 1760K;

```

-- * Phase.2-4a: Orders

```

CREATE DSO ORDERS_DSO
FROM TPCC_SCHEMA.ORDERS
TYPE
RANDOM(PAGESIZE1(8),PAGESIZE2(1),RULE((O_ID/12)*11+O_W_ID+((O_D_ID
-1)*12+(O_ID-((O_ID/12)*12))*3498))
WHERE (O_W_ID) BETWEEN (?) AND (?);

CREATE DSI ORDERS_1_DSI
DSO ORDERS_DSO
USING(1,11)
ALLOCATE PRIME   ON SP1 SIZE 27992K,
OVERFLOW ON SP1 SIZE 331K;

CREATE DSI ORDERS_2_DSI
DSO ORDERS_DSO
USING(12,22)
ALLOCATE PRIME   ON SP1 SIZE 27992K,
OVERFLOW ON SP1 SIZE 331K;

CREATE DSI ORDERS_3_DSI
DSO ORDERS_DSO
USING(23,33)
ALLOCATE PRIME   ON SP2 SIZE 27992K,
OVERFLOW ON SP2 SIZE 331K;

CREATE DSI ORDERS_4_DSI
DSO ORDERS_DSO
USING(34,44)
ALLOCATE PRIME   ON SP2 SIZE 27992K,
OVERFLOW ON SP2 SIZE 331K;

CREATE DSI ORDERS_5_DSI
DSO ORDERS_DSO
USING(45,55)
ALLOCATE PRIME   ON SP3 SIZE 27992K,
OVERFLOW ON SP3 SIZE 331K;

CREATE DSI ORDERS_6_DSI
DSO ORDERS_DSO
USING(56,66)
ALLOCATE PRIME   ON SP3 SIZE 27992K,
OVERFLOW ON SP3 SIZE 331K;

CREATE DSI ORDERS_7_DSI
DSO ORDERS_DSO
USING(67,77)
ALLOCATE PRIME   ON SP4 SIZE 27992K,
OVERFLOW ON SP4 SIZE 331K;

CREATE DSI ORDERS_8_DSI
DSO ORDERS_DSO
USING(78,88)
ALLOCATE PRIME   ON SP4 SIZE 27992K,
OVERFLOW ON SP4 SIZE 331K;

CREATE DSI ORDERS_9_DSI
DSO ORDERS_DSO
USING(89,99)
ALLOCATE PRIME   ON SP5 SIZE 27992K,
OVERFLOW ON SP5 SIZE 331K;

```

```

OVERFLOW ON SP5 SIZE 331K;

CREATE DSI ORDERS_10_DSI
DSO ORDERS_DSO
USING(100,110)
ALLOCATE PRIME ON SP5 SIZE 27992K,
OVERFLOW ON SP5 SIZE 331K;

CREATE DSI ORDERS_11_DSI
DSO ORDERS_DSO
USING(111,121)
ALLOCATE PRIME ON SP6 SIZE 27992K,
OVERFLOW ON SP6 SIZE 331K;

CREATE DSI ORDERS_12_DSI
DSO ORDERS_DSO
USING(122,132)
ALLOCATE PRIME ON SP6 SIZE 27992K,
OVERFLOW ON SP6 SIZE 331K;

CREATE DSI ORDERS_13_DSI
DSO ORDERS_DSO
USING(133,143)
ALLOCATE PRIME ON SP7 SIZE 27992K,
OVERFLOW ON SP7 SIZE 331K;

CREATE DSI ORDERS_14_DSI
DSO ORDERS_DSO
USING(144,154)
ALLOCATE PRIME ON SP7 SIZE 27992K,
OVERFLOW ON SP7 SIZE 331K;

CREATE DSI ORDERS_15_DSI
DSO ORDERS_DSO
USING(155,165)
ALLOCATE PRIME ON SP8 SIZE 27992K,
OVERFLOW ON SP8 SIZE 331K;

CREATE DSI ORDERS_16_DSI
DSO ORDERS_DSO
USING(166,176)
ALLOCATE PRIME ON SP8 SIZE 27992K,
OVERFLOW ON SP8 SIZE 331K;

CREATE DSI ORDERS_17_DSI
DSO ORDERS_DSO
USING(177,187)
ALLOCATE PRIME ON SP9 SIZE 27992K,
OVERFLOW ON SP9 SIZE 331K;

CREATE DSI ORDERS_18_DSI
DSO ORDERS_DSO
USING(188,198)
ALLOCATE PRIME ON SP9 SIZE 27992K,
OVERFLOW ON SP9 SIZE 331K;

CREATE DSI ORDERS_19_DSI
DSO ORDERS_DSO
USING(199,209)
ALLOCATE PRIME ON SP10 SIZE 27992K,
OVERFLOW ON SP10 SIZE 331K;

CREATE DSI ORDERS_20_DSI
DSO ORDERS_DSO
USING(210,220)
ALLOCATE PRIME ON SP10 SIZE 27992K,
OVERFLOW ON SP10 SIZE 331K;

CREATE DSI ORDERS_21_DSI
DSO ORDERS_DSO
USING(221,231)
ALLOCATE PRIME ON SP11 SIZE 27992K,
OVERFLOW ON SP11 SIZE 331K;

CREATE DSI ORDERS_22_DSI
DSO ORDERS_DSO
USING(232,242)
ALLOCATE PRIME ON SP11 SIZE 27992K,
OVERFLOW ON SP11 SIZE 331K;

CREATE DSI ORDERS_23_DSI
DSO ORDERS_DSO
USING(243,253)
ALLOCATE PRIME ON SP12 SIZE 27992K,
OVERFLOW ON SP12 SIZE 331K;

CREATE DSI ORDERS_24_DSI
DSO ORDERS_DSO
USING(254,264)
ALLOCATE PRIME ON SP12 SIZE 27992K,
OVERFLOW ON SP12 SIZE 331K;

CREATE DSI ORDERS_25_DSI
DSO ORDERS_DSO
USING(265,275)
ALLOCATE PRIME ON SP13 SIZE 27992K,
OVERFLOW ON SP13 SIZE 331K;

CREATE DSI ORDERS_26_DSI
DSO ORDERS_DSO
USING(276,286)
ALLOCATE PRIME ON SP13 SIZE 27992K,
OVERFLOW ON SP13 SIZE 331K;

CREATE DSI ORDERS_27_DSI
DSO ORDERS_DSO
USING(287,297)
ALLOCATE PRIME ON SP14 SIZE 27992K,
OVERFLOW ON SP14 SIZE 331K;

CREATE DSI ORDERS_28_DSI
DSO ORDERS_DSO
USING(298,308)
ALLOCATE PRIME ON SP14 SIZE 27992K,
OVERFLOW ON SP14 SIZE 331K;

CREATE DSI ORDERS_29_DSI
DSO ORDERS_DSO
USING(309,319)
ALLOCATE PRIME ON SP15 SIZE 27992K,
OVERFLOW ON SP15 SIZE 331K;

CREATE DSI ORDERS_30_DSI
DSO ORDERS_DSO
USING(320,330)
ALLOCATE PRIME ON SP15 SIZE 27992K,
OVERFLOW ON SP15 SIZE 331K;

```



```
OVERFLOW ON SP15 SIZE 331K;

CREATE DSI ORDERS_31_DSI
DSO ORDERS_DSO
USING(331,341)
ALLOCATE PRIME ON SP16 SIZE 27992K,
OVERFLOW ON SP16 SIZE 331K;

CREATE DSI ORDERS_32_DSI
DSO ORDERS_DSO
USING(342,352)
ALLOCATE PRIME ON SP16 SIZE 27992K,
OVERFLOW ON SP16 SIZE 331K;

CREATE DSI ORDERS_33_DSI
DSO ORDERS_DSO
USING(353,363)
ALLOCATE PRIME ON SP17 SIZE 27992K,
OVERFLOW ON SP17 SIZE 331K;

CREATE DSI ORDERS_34_DSI
DSO ORDERS_DSO
USING(364,374)
ALLOCATE PRIME ON SP17 SIZE 27992K,
OVERFLOW ON SP17 SIZE 331K;

CREATE DSI ORDERS_35_DSI
DSO ORDERS_DSO
USING(375,385)
ALLOCATE PRIME ON SP18 SIZE 27992K,
OVERFLOW ON SP18 SIZE 331K;

CREATE DSI ORDERS_36_DSI
DSO ORDERS_DSO
USING(386,396)
ALLOCATE PRIME ON SP18 SIZE 27992K,
OVERFLOW ON SP18 SIZE 331K;

CREATE DSI ORDERS_37_DSI
DSO ORDERS_DSO
USING(397,407)
ALLOCATE PRIME ON SP19 SIZE 27992K,
OVERFLOW ON SP19 SIZE 331K;

CREATE DSI ORDERS_38_DSI
DSO ORDERS_DSO
USING(408,418)
ALLOCATE PRIME ON SP19 SIZE 27992K,
OVERFLOW ON SP19 SIZE 331K;

CREATE DSI ORDERS_39_DSI
DSO ORDERS_DSO
USING(419,429)
ALLOCATE PRIME ON SP20 SIZE 27992K,
OVERFLOW ON SP20 SIZE 331K;

CREATE DSI ORDERS_40_DSI
DSO ORDERS_DSO
USING(430,440)
ALLOCATE PRIME ON SP20 SIZE 27992K,
OVERFLOW ON SP20 SIZE 331K;

CREATE DSI ORDERS_41_DSI

DSO ORDERS_DSO
USING(441,451)
ALLOCATE PRIME ON SP21 SIZE 27992K,
OVERFLOW ON SP21 SIZE 331K;

CREATE DSI ORDERS_42_DSI
DSO ORDERS_DSO
USING(452,462)
ALLOCATE PRIME ON SP21 SIZE 27992K,
OVERFLOW ON SP21 SIZE 331K;

CREATE DSI ORDERS_43_DSI
DSO ORDERS_DSO
USING(463,473)
ALLOCATE PRIME ON SP22 SIZE 27992K,
OVERFLOW ON SP22 SIZE 331K;

CREATE DSI ORDERS_44_DSI
DSO ORDERS_DSO
USING(474,484)
ALLOCATE PRIME ON SP22 SIZE 27992K,
OVERFLOW ON SP22 SIZE 331K;

CREATE DSI ORDERS_45_DSI
DSO ORDERS_DSO
USING(485,495)
ALLOCATE PRIME ON SP23 SIZE 27992K,
OVERFLOW ON SP23 SIZE 331K;

CREATE DSI ORDERS_46_DSI
DSO ORDERS_DSO
USING(496,506)
ALLOCATE PRIME ON SP23 SIZE 27992K,
OVERFLOW ON SP23 SIZE 331K;

CREATE DSI ORDERS_47_DSI
DSO ORDERS_DSO
USING(507,517)
ALLOCATE PRIME ON SP24 SIZE 27992K,
OVERFLOW ON SP24 SIZE 331K;

CREATE DSI ORDERS_48_DSI
DSO ORDERS_DSO
USING(518,528)
ALLOCATE PRIME ON SP24 SIZE 27992K,
OVERFLOW ON SP24 SIZE 331K;

CREATE DSI ORDERS_49_DSI
DSO ORDERS_DSO
USING(529,539)
ALLOCATE PRIME ON SP25 SIZE 27992K,
OVERFLOW ON SP25 SIZE 331K;

CREATE DSI ORDERS_50_DSI
DSO ORDERS_DSO
USING(540,550)
ALLOCATE PRIME ON SP25 SIZE 27992K,
OVERFLOW ON SP25 SIZE 331K;

CREATE DSI ORDERS_51_DSI
DSO ORDERS_DSO
USING(551,561)
ALLOCATE PRIME ON SP26 SIZE 27992K,
```



```

OVERFLOW ON SP26 SIZE 331K;

CREATE DSI ORDERS_52_DSI
DSO ORDERS_DSO
USING(562,572)
ALLOCATE PRIME ON SP26 SIZE 27992K,
OVERFLOW ON SP26 SIZE 331K;

CREATE DSI ORDERS_53_DSI
DSO ORDERS_DSO
USING(573,583)
ALLOCATE PRIME ON SP27 SIZE 27992K,
OVERFLOW ON SP27 SIZE 331K;

CREATE DSI ORDERS_54_DSI
DSO ORDERS_DSO
USING(584,594)
ALLOCATE PRIME ON SP27 SIZE 27992K,
OVERFLOW ON SP27 SIZE 331K;

CREATE DSI ORDERS_55_DSI
DSO ORDERS_DSO
USING(595,605)
ALLOCATE PRIME ON SP28 SIZE 27992K,
OVERFLOW ON SP28 SIZE 331K;

CREATE DSI ORDERS_56_DSI
DSO ORDERS_DSO
USING(606,616)
ALLOCATE PRIME ON SP28 SIZE 27992K,
OVERFLOW ON SP28 SIZE 331K;

CREATE DSI ORDERS_57_DSI
DSO ORDERS_DSO
USING(617,627)
ALLOCATE PRIME ON SP29 SIZE 27992K,
OVERFLOW ON SP29 SIZE 331K;

CREATE DSI ORDERS_58_DSI
DSO ORDERS_DSO
USING(628,638)
ALLOCATE PRIME ON SP29 SIZE 27992K,
OVERFLOW ON SP29 SIZE 331K;

CREATE DSI ORDERS_59_DSI
DSO ORDERS_DSO
USING(639,649)
ALLOCATE PRIME ON SP30 SIZE 27992K,
OVERFLOW ON SP30 SIZE 331K;

CREATE DSI ORDERS_60_DSI
DSO ORDERS_DSO
USING(650,660)
ALLOCATE PRIME ON SP30 SIZE 27992K,
OVERFLOW ON SP30 SIZE 331K;

CREATE DSI ORDERS_61_DSI
DSO ORDERS_DSO
USING(661,671)
ALLOCATE PRIME ON SP31 SIZE 27992K,
OVERFLOW ON SP31 SIZE 331K;

CREATE DSI ORDERS_62_DSI
DSO ORDERS_DSO
USING(672,682)
ALLOCATE PRIME ON SP31 SIZE 27992K,
OVERFLOW ON SP31 SIZE 331K;

CREATE DSI ORDERS_63_DSI
DSO ORDERS_DSO
USING(683,693)
ALLOCATE PRIME ON SP32 SIZE 27992K,
OVERFLOW ON SP32 SIZE 331K;

CREATE DSI ORDERS_64_DSI
DSO ORDERS_DSO
USING(694,704)
ALLOCATE PRIME ON SP32 SIZE 27992K,
OVERFLOW ON SP32 SIZE 331K;

CREATE DSI ORDERS_65_DSI
DSO ORDERS_DSO
USING(705,715)
ALLOCATE PRIME ON SP33 SIZE 27992K,
OVERFLOW ON SP33 SIZE 331K;

CREATE DSI ORDERS_66_DSI
DSO ORDERS_DSO
USING(716,726)
ALLOCATE PRIME ON SP33 SIZE 27992K,
OVERFLOW ON SP33 SIZE 331K;

CREATE DSI ORDERS_67_DSI
DSO ORDERS_DSO
USING(727,737)
ALLOCATE PRIME ON SP34 SIZE 27992K,
OVERFLOW ON SP34 SIZE 331K;

CREATE DSI ORDERS_68_DSI
DSO ORDERS_DSO
USING(738,748)
ALLOCATE PRIME ON SP34 SIZE 27992K,
OVERFLOW ON SP34 SIZE 331K;

CREATE DSI ORDERS_69_DSI
DSO ORDERS_DSO
USING(749,759)
ALLOCATE PRIME ON SP35 SIZE 27992K,
OVERFLOW ON SP35 SIZE 331K;

CREATE DSI ORDERS_70_DSI
DSO ORDERS_DSO
USING(760,770)
ALLOCATE PRIME ON SP35 SIZE 27992K,
OVERFLOW ON SP35 SIZE 331K;

CREATE DSI ORDERS_71_DSI
DSO ORDERS_DSO
USING(771,781)
ALLOCATE PRIME ON SP36 SIZE 27992K,
OVERFLOW ON SP36 SIZE 331K;

CREATE DSI ORDERS_72_DSI
DSO ORDERS_DSO
USING(782,792)
ALLOCATE PRIME ON SP36 SIZE 27992K,
OVERFLOW ON SP36 SIZE 331K;

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OVERFLOW ON SP36 SIZE 331K;

CREATE DSI ORDERS_73_DSI
DSO ORDERS_DSO
USING(793,803)
ALLOCATE PRIME ON SP37 SIZE 27992K,
OVERFLOW ON SP37 SIZE 331K;

CREATE DSI ORDERS_74_DSI
DSO ORDERS_DSO
USING(804,814)
ALLOCATE PRIME ON SP37 SIZE 27992K,
OVERFLOW ON SP37 SIZE 331K;

CREATE DSI ORDERS_75_DSI
DSO ORDERS_DSO
USING(815,825)
ALLOCATE PRIME ON SP38 SIZE 27992K,
OVERFLOW ON SP38 SIZE 331K;

CREATE DSI ORDERS_76_DSI
DSO ORDERS_DSO
USING(826,836)
ALLOCATE PRIME ON SP38 SIZE 27992K,
OVERFLOW ON SP38 SIZE 331K;

CREATE DSI ORDERS_77_DSI
DSO ORDERS_DSO
USING(837,847)
ALLOCATE PRIME ON SP39 SIZE 27992K,
OVERFLOW ON SP39 SIZE 331K;

CREATE DSI ORDERS_78_DSI
DSO ORDERS_DSO
USING(848,858)
ALLOCATE PRIME ON SP39 SIZE 27992K,
OVERFLOW ON SP39 SIZE 331K;

CREATE DSI ORDERS_79_DSI
DSO ORDERS_DSO
USING(859,869)
ALLOCATE PRIME ON SP40 SIZE 27992K,
OVERFLOW ON SP40 SIZE 331K;

CREATE DSI ORDERS_80_DSI
DSO ORDERS_DSO
USING(870,880)
ALLOCATE PRIME ON SP40 SIZE 27992K,
OVERFLOW ON SP40 SIZE 331K;

CREATE DSI ORDERS_81_DSI
DSO ORDERS_DSO
USING(881,891)
ALLOCATE PRIME ON SP41 SIZE 27992K,
OVERFLOW ON SP41 SIZE 331K;

CREATE DSI ORDERS_82_DSI
DSO ORDERS_DSO
USING(892,902)
ALLOCATE PRIME ON SP41 SIZE 27992K,
OVERFLOW ON SP41 SIZE 331K;

CREATE DSI ORDERS_83_DSI

DSO ORDERS_DSO
USING(903,913)
ALLOCATE PRIME ON SP42 SIZE 27992K,
OVERFLOW ON SP42 SIZE 331K;

CREATE DSI ORDERS_84_DSI
DSO ORDERS_DSO
USING(914,924)
ALLOCATE PRIME ON SP42 SIZE 27992K,
OVERFLOW ON SP42 SIZE 331K;

CREATE DSI ORDERS_85_DSI
DSO ORDERS_DSO
USING(925,935)
ALLOCATE PRIME ON SP43 SIZE 27992K,
OVERFLOW ON SP43 SIZE 331K;

CREATE DSI ORDERS_86_DSI
DSO ORDERS_DSO
USING(936,946)
ALLOCATE PRIME ON SP43 SIZE 27992K,
OVERFLOW ON SP43 SIZE 331K;

CREATE DSI ORDERS_87_DSI
DSO ORDERS_DSO
USING(947,957)
ALLOCATE PRIME ON SP44 SIZE 27992K,
OVERFLOW ON SP44 SIZE 331K;

CREATE DSI ORDERS_88_DSI
DSO ORDERS_DSO
USING(958,968)
ALLOCATE PRIME ON SP44 SIZE 27992K,
OVERFLOW ON SP44 SIZE 331K;

CREATE DSI ORDERS_89_DSI
DSO ORDERS_DSO
USING(969,979)
ALLOCATE PRIME ON SP45 SIZE 27992K,
OVERFLOW ON SP45 SIZE 331K;

CREATE DSI ORDERS_90_DSI
DSO ORDERS_DSO
USING(980,990)
ALLOCATE PRIME ON SP45 SIZE 27992K,
OVERFLOW ON SP45 SIZE 331K;

CREATE DSI ORDERS_91_DSI
DSO ORDERS_DSO
USING(991,1001)
ALLOCATE PRIME ON SP46 SIZE 27992K,
OVERFLOW ON SP46 SIZE 331K;

CREATE DSI ORDERS_92_DSI
DSO ORDERS_DSO
USING(1002,1012)
ALLOCATE PRIME ON SP46 SIZE 27992K,
OVERFLOW ON SP46 SIZE 331K;

CREATE DSI ORDERS_93_DSI
DSO ORDERS_DSO
USING(1013,1023)
ALLOCATE PRIME ON SP47 SIZE 27992K,

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OVERFLOW ON SP47 SIZE 331K;

CREATE DSI ORDERS_94_DSI
DSO ORDERS_DSO
USING(1024,1034)
ALLOCATE PRIME ON SP47 SIZE 27992K,
OVERFLOW ON SP47 SIZE 331K;

CREATE DSI ORDERS_95_DSI
DSO ORDERS_DSO
USING(1035,1045)
ALLOCATE PRIME ON SP48 SIZE 27992K,
OVERFLOW ON SP48 SIZE 331K;

CREATE DSI ORDERS_96_DSI
DSO ORDERS_DSO
USING(1046,1056)
ALLOCATE PRIME ON SP48 SIZE 27992K,
OVERFLOW ON SP48 SIZE 331K;

CREATE DSI ORDERS_97_DSI
DSO ORDERS_DSO
USING(1057,1067)
ALLOCATE PRIME ON SP49 SIZE 27992K,
OVERFLOW ON SP49 SIZE 331K;

CREATE DSI ORDERS_98_DSI
DSO ORDERS_DSO
USING(1068,1078)
ALLOCATE PRIME ON SP49 SIZE 27992K,
OVERFLOW ON SP49 SIZE 331K;

CREATE DSI ORDERS_99_DSI
DSO ORDERS_DSO
USING(1079,1089)
ALLOCATE PRIME ON SP50 SIZE 27992K,
OVERFLOW ON SP50 SIZE 331K;

CREATE DSI ORDERS_100_DSI
DSO ORDERS_DSO
USING(1090,1100)
ALLOCATE PRIME ON SP50 SIZE 27992K,
OVERFLOW ON SP50 SIZE 331K;

CREATE DSI ORDERS_101_DSI
DSO ORDERS_DSO
USING(1101,1111)
ALLOCATE PRIME ON SP51 SIZE 27992K,
OVERFLOW ON SP51 SIZE 331K;

CREATE DSI ORDERS_102_DSI
DSO ORDERS_DSO
USING(1112,1122)
ALLOCATE PRIME ON SP51 SIZE 27992K,
OVERFLOW ON SP51 SIZE 331K;

CREATE DSI ORDERS_103_DSI
DSO ORDERS_DSO
USING(1123,1133)
ALLOCATE PRIME ON SP52 SIZE 27992K,
OVERFLOW ON SP52 SIZE 331K;

CREATE DSI ORDERS_104_DSI
DSO ORDERS_DSO
USING(1134,1144)
ALLOCATE PRIME ON SP52 SIZE 27992K,
OVERFLOW ON SP52 SIZE 331K;

CREATE DSI ORDERS_105_DSI
DSO ORDERS_DSO
USING(1145,1155)
ALLOCATE PRIME ON SP53 SIZE 27992K,
OVERFLOW ON SP53 SIZE 331K;

CREATE DSI ORDERS_106_DSI
DSO ORDERS_DSO
USING(1156,1166)
ALLOCATE PRIME ON SP53 SIZE 27992K,
OVERFLOW ON SP53 SIZE 331K;

CREATE DSI ORDERS_107_DSI
DSO ORDERS_DSO
USING(1167,1177)
ALLOCATE PRIME ON SP54 SIZE 27992K,
OVERFLOW ON SP54 SIZE 331K;

CREATE DSI ORDERS_108_DSI
DSO ORDERS_DSO
USING(1178,1188)
ALLOCATE PRIME ON SP54 SIZE 27992K,
OVERFLOW ON SP54 SIZE 331K;

CREATE DSI ORDERS_109_DSI
DSO ORDERS_DSO
USING(1189,1199)
ALLOCATE PRIME ON SP55 SIZE 27992K,
OVERFLOW ON SP55 SIZE 331K;

CREATE DSI ORDERS_110_DSI
DSO ORDERS_DSO
USING(1200,1210)
ALLOCATE PRIME ON SP55 SIZE 27992K,
OVERFLOW ON SP55 SIZE 331K;

CREATE DSI ORDERS_111_DSI
DSO ORDERS_DSO
USING(1211,1221)
ALLOCATE PRIME ON SP56 SIZE 27992K,
OVERFLOW ON SP56 SIZE 331K;

CREATE DSI ORDERS_112_DSI
DSO ORDERS_DSO
USING(1222,1232)
ALLOCATE PRIME ON SP56 SIZE 27992K,
OVERFLOW ON SP56 SIZE 331K;

CREATE DSI ORDERS_113_DSI
DSO ORDERS_DSO
USING(1233,1243)
ALLOCATE PRIME ON SP57 SIZE 27992K,
OVERFLOW ON SP57 SIZE 331K;

CREATE DSI ORDERS_114_DSI
DSO ORDERS_DSO
USING(1244,1254)
ALLOCATE PRIME ON SP57 SIZE 27992K,
OVERFLOW ON SP57 SIZE 331K;

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OVERFLOW ON SP57 SIZE 331K;

CREATE DSI ORDERS_115_DSI
DSO ORDERS_DSO
USING(1255,1265)
ALLOCATE PRIME ON SP58 SIZE 27992K,
OVERFLOW ON SP58 SIZE 331K;

CREATE DSI ORDERS_116_DSI
DSO ORDERS_DSO
USING(1266,1276)
ALLOCATE PRIME ON SP58 SIZE 27992K,
OVERFLOW ON SP58 SIZE 331K;

CREATE DSI ORDERS_117_DSI
DSO ORDERS_DSO
USING(1277,1287)
ALLOCATE PRIME ON SP59 SIZE 27992K,
OVERFLOW ON SP59 SIZE 331K;

CREATE DSI ORDERS_118_DSI
DSO ORDERS_DSO
USING(1288,1298)
ALLOCATE PRIME ON SP59 SIZE 27992K,
OVERFLOW ON SP59 SIZE 331K;

CREATE DSI ORDERS_119_DSI
DSO ORDERS_DSO
USING(1299,1309)
ALLOCATE PRIME ON SP60 SIZE 27992K,
OVERFLOW ON SP60 SIZE 331K;

CREATE DSI ORDERS_120_DSI
DSO ORDERS_DSO
USING(1310,1320)
ALLOCATE PRIME ON SP60 SIZE 27992K,
OVERFLOW ON SP60 SIZE 331K;

CREATE DSI ORDERS_121_DSI
DSO ORDERS_DSO
USING(1321,1331)
ALLOCATE PRIME ON SP61 SIZE 27992K,
OVERFLOW ON SP61 SIZE 331K;

CREATE DSI ORDERS_122_DSI
DSO ORDERS_DSO
USING(1332,1342)
ALLOCATE PRIME ON SP61 SIZE 27992K,
OVERFLOW ON SP61 SIZE 331K;

CREATE DSI ORDERS_123_DSI
DSO ORDERS_DSO
USING(1343,1353)
ALLOCATE PRIME ON SP62 SIZE 27992K,
OVERFLOW ON SP62 SIZE 331K;

CREATE DSI ORDERS_124_DSI
DSO ORDERS_DSO
USING(1354,1364)
ALLOCATE PRIME ON SP62 SIZE 27992K,
OVERFLOW ON SP62 SIZE 331K;

CREATE DSI ORDERS_125_DSI
DSO ORDERS_DSO
USING(1365,1375)
ALLOCATE PRIME ON SP63 SIZE 27992K,
OVERFLOW ON SP63 SIZE 331K;

CREATE DSI ORDERS_126_DSI
DSO ORDERS_DSO
USING(1376,1386)
ALLOCATE PRIME ON SP63 SIZE 27992K,
OVERFLOW ON SP63 SIZE 331K;

CREATE DSI ORDERS_127_DSI
DSO ORDERS_DSO
USING(1387,1397)
ALLOCATE PRIME ON SP64 SIZE 27992K,
OVERFLOW ON SP64 SIZE 331K;

CREATE DSI ORDERS_128_DSI
DSO ORDERS_DSO
USING(1398,1408)
ALLOCATE PRIME ON SP64 SIZE 27992K,
OVERFLOW ON SP64 SIZE 331K;

CREATE DSI ORDERS_129_DSI
DSO ORDERS_DSO
USING(1409,1419)
ALLOCATE PRIME ON SP65 SIZE 27992K,
OVERFLOW ON SP65 SIZE 331K;

CREATE DSI ORDERS_130_DSI
DSO ORDERS_DSO
USING(1420,1430)
ALLOCATE PRIME ON SP65 SIZE 27992K,
OVERFLOW ON SP65 SIZE 331K;

CREATE DSI ORDERS_131_DSI
DSO ORDERS_DSO
USING(1431,1441)
ALLOCATE PRIME ON SP66 SIZE 27992K,
OVERFLOW ON SP66 SIZE 331K;

CREATE DSI ORDERS_132_DSI
DSO ORDERS_DSO
USING(1442,1452)
ALLOCATE PRIME ON SP66 SIZE 27992K,
OVERFLOW ON SP66 SIZE 331K;

CREATE DSI ORDERS_133_DSI
DSO ORDERS_DSO
USING(1453,1463)
ALLOCATE PRIME ON SP67 SIZE 27992K,
OVERFLOW ON SP67 SIZE 331K;

CREATE DSI ORDERS_134_DSI
DSO ORDERS_DSO
USING(1464,1474)
ALLOCATE PRIME ON SP67 SIZE 27992K,
OVERFLOW ON SP67 SIZE 331K;

CREATE DSI ORDERS_135_DSI
DSO ORDERS_DSO
USING(1475,1485)
ALLOCATE PRIME ON SP68 SIZE 27992K,
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OVERFLOW ON SP68 SIZE 331K;

CREATE DSI ORDERS_136_DSI
DSO ORDERS_DSO
USING(1486,1496)
ALLOCATE PRIME ON SP68 SIZE 27992K,
OVERFLOW ON SP68 SIZE 331K;

CREATE DSI ORDERS_137_DSI
DSO ORDERS_DSO
USING(1497,1507)
ALLOCATE PRIME ON SP69 SIZE 27992K,
OVERFLOW ON SP69 SIZE 331K;

CREATE DSI ORDERS_138_DSI
DSO ORDERS_DSO
USING(1508,1518)
ALLOCATE PRIME ON SP69 SIZE 27992K,
OVERFLOW ON SP69 SIZE 331K;

CREATE DSI ORDERS_139_DSI
DSO ORDERS_DSO
USING(1519,1529)
ALLOCATE PRIME ON SP70 SIZE 27992K,
OVERFLOW ON SP70 SIZE 331K;

CREATE DSI ORDERS_140_DSI
DSO ORDERS_DSO
USING(1530,1540)
ALLOCATE PRIME ON SP70 SIZE 27992K,
OVERFLOW ON SP70 SIZE 331K;

CREATE DSI ORDERS_141_DSI
DSO ORDERS_DSO
USING(1541,1551)
ALLOCATE PRIME ON SP71 SIZE 27992K,
OVERFLOW ON SP71 SIZE 331K;

CREATE DSI ORDERS_142_DSI
DSO ORDERS_DSO
USING(1552,1562)
ALLOCATE PRIME ON SP71 SIZE 27992K,
OVERFLOW ON SP71 SIZE 331K;

CREATE DSI ORDERS_143_DSI
DSO ORDERS_DSO
USING(1563,1573)
ALLOCATE PRIME ON SP72 SIZE 27992K,
OVERFLOW ON SP72 SIZE 331K;

CREATE DSI ORDERS_144_DSI
DSO ORDERS_DSO
USING(1574,1584)
ALLOCATE PRIME ON SP72 SIZE 27992K,
OVERFLOW ON SP72 SIZE 331K;

CREATE DSI ORDERS_145_DSI
DSO ORDERS_DSO
USING(1585,1595)
ALLOCATE PRIME ON SP73 SIZE 27992K,
OVERFLOW ON SP73 SIZE 331K;

CREATE DSI ORDERS_146_DSI
DSO ORDERS_DSO
USING(1596,1606)
ALLOCATE PRIME ON SP73 SIZE 27992K,
OVERFLOW ON SP73 SIZE 331K;

CREATE DSI ORDERS_147_DSI
DSO ORDERS_DSO
USING(1607,1617)
ALLOCATE PRIME ON SP74 SIZE 27992K,
OVERFLOW ON SP74 SIZE 331K;

CREATE DSI ORDERS_148_DSI
DSO ORDERS_DSO
USING(1618,1628)
ALLOCATE PRIME ON SP74 SIZE 27992K,
OVERFLOW ON SP74 SIZE 331K;

CREATE DSI ORDERS_149_DSI
DSO ORDERS_DSO
USING(1629,1639)
ALLOCATE PRIME ON SP75 SIZE 27992K,
OVERFLOW ON SP75 SIZE 331K;

CREATE DSI ORDERS_150_DSI
DSO ORDERS_DSO
USING(1640,1650)
ALLOCATE PRIME ON SP75 SIZE 27992K,
OVERFLOW ON SP75 SIZE 331K;

CREATE DSI ORDERS_151_DSI
DSO ORDERS_DSO
USING(1651,1661)
ALLOCATE PRIME ON SP76 SIZE 27992K,
OVERFLOW ON SP76 SIZE 331K;

CREATE DSI ORDERS_152_DSI
DSO ORDERS_DSO
USING(1662,1672)
ALLOCATE PRIME ON SP76 SIZE 27992K,
OVERFLOW ON SP76 SIZE 331K;

CREATE DSI ORDERS_153_DSI
DSO ORDERS_DSO
USING(1673,1683)
ALLOCATE PRIME ON SP77 SIZE 27992K,
OVERFLOW ON SP77 SIZE 331K;

CREATE DSI ORDERS_154_DSI
DSO ORDERS_DSO
USING(1684,1694)
ALLOCATE PRIME ON SP77 SIZE 27992K,
OVERFLOW ON SP77 SIZE 331K;

CREATE DSI ORDERS_155_DSI
DSO ORDERS_DSO
USING(1695,1705)
ALLOCATE PRIME ON SP78 SIZE 27992K,
OVERFLOW ON SP78 SIZE 331K;

CREATE DSI ORDERS_156_DSI
DSO ORDERS_DSO
USING(1706,1716)
ALLOCATE PRIME ON SP78 SIZE 27992K,
OVERFLOW ON SP78 SIZE 331K;

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OVERFLOW ON SP78 SIZE 331K;

CREATE DSI ORDERS_157_DSI
DSO ORDERS_DSO
USING(1717,1727)
ALLOCATE PRIME ON SP79 SIZE 27992K,
OVERFLOW ON SP79 SIZE 331K;

CREATE DSI ORDERS_158_DSI
DSO ORDERS_DSO
USING(1728,1738)
ALLOCATE PRIME ON SP79 SIZE 27992K,
OVERFLOW ON SP79 SIZE 331K;

CREATE DSI ORDERS_159_DSI
DSO ORDERS_DSO
USING(1739,1749)
ALLOCATE PRIME ON SP80 SIZE 27992K,
OVERFLOW ON SP80 SIZE 331K;

CREATE DSI ORDERS_160_DSI
DSO ORDERS_DSO
USING(1750,1760)
ALLOCATE PRIME ON SP80 SIZE 27992K,
OVERFLOW ON SP80 SIZE 331K;

CREATE DSI ORDERS_161_DSI
DSO ORDERS_DSO
USING(1761,1771)
ALLOCATE PRIME ON SP81 SIZE 27992K,
OVERFLOW ON SP81 SIZE 331K;

CREATE DSI ORDERS_162_DSI
DSO ORDERS_DSO
USING(1772,1782)
ALLOCATE PRIME ON SP81 SIZE 27992K,
OVERFLOW ON SP81 SIZE 331K;

CREATE DSI ORDERS_163_DSI
DSO ORDERS_DSO
USING(1783,1793)
ALLOCATE PRIME ON SP82 SIZE 27992K,
OVERFLOW ON SP82 SIZE 331K;

CREATE DSI ORDERS_164_DSI
DSO ORDERS_DSO
USING(1794,1804)
ALLOCATE PRIME ON SP82 SIZE 27992K,
OVERFLOW ON SP82 SIZE 331K;

CREATE DSI ORDERS_165_DSI
DSO ORDERS_DSO
USING(1805,1815)
ALLOCATE PRIME ON SP83 SIZE 27992K,
OVERFLOW ON SP83 SIZE 331K;

CREATE DSI ORDERS_166_DSI
DSO ORDERS_DSO
USING(1816,1826)
ALLOCATE PRIME ON SP83 SIZE 27992K,
OVERFLOW ON SP83 SIZE 331K;

CREATE DSI ORDERS_167_DSI

DSO ORDERS_DSO
USING(1827,1837)
ALLOCATE PRIME ON SP84 SIZE 27992K,
OVERFLOW ON SP84 SIZE 331K;

CREATE DSI ORDERS_168_DSI
DSO ORDERS_DSO
USING(1838,1848)
ALLOCATE PRIME ON SP84 SIZE 27992K,
OVERFLOW ON SP84 SIZE 331K;

CREATE DSI ORDERS_169_DSI
DSO ORDERS_DSO
USING(1849,1859)
ALLOCATE PRIME ON SP85 SIZE 27992K,
OVERFLOW ON SP85 SIZE 331K;

CREATE DSI ORDERS_170_DSI
DSO ORDERS_DSO
USING(1860,1870)
ALLOCATE PRIME ON SP85 SIZE 27992K,
OVERFLOW ON SP85 SIZE 331K;

CREATE DSI ORDERS_171_DSI
DSO ORDERS_DSO
USING(1871,1881)
ALLOCATE PRIME ON SP86 SIZE 27992K,
OVERFLOW ON SP86 SIZE 331K;

CREATE DSI ORDERS_172_DSI
DSO ORDERS_DSO
USING(1882,1892)
ALLOCATE PRIME ON SP86 SIZE 27992K,
OVERFLOW ON SP86 SIZE 331K;

CREATE DSI ORDERS_173_DSI
DSO ORDERS_DSO
USING(1893,1903)
ALLOCATE PRIME ON SP87 SIZE 27992K,
OVERFLOW ON SP87 SIZE 331K;

CREATE DSI ORDERS_174_DSI
DSO ORDERS_DSO
USING(1904,1914)
ALLOCATE PRIME ON SP87 SIZE 27992K,
OVERFLOW ON SP87 SIZE 331K;

CREATE DSI ORDERS_175_DSI
DSO ORDERS_DSO
USING(1915,1925)
ALLOCATE PRIME ON SP88 SIZE 27992K,
OVERFLOW ON SP88 SIZE 331K;

CREATE DSI ORDERS_176_DSI
DSO ORDERS_DSO
USING(1926,1936)
ALLOCATE PRIME ON SP88 SIZE 27992K,
OVERFLOW ON SP88 SIZE 331K;

CREATE DSI ORDERS_177_DSI
DSO ORDERS_DSO
USING(1937,1947)
ALLOCATE PRIME ON SP89 SIZE 27992K,
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OVERFLOW ON SP89 SIZE 331K;

CREATE DSI ORDERS_178_DSI
DSO ORDERS_DSO
USING(1948,1958)
ALLOCATE PRIME ON SP89 SIZE 27992K,
OVERFLOW ON SP89 SIZE 331K;

CREATE DSI ORDERS_179_DSI
DSO ORDERS_DSO
USING(1959,1969)
ALLOCATE PRIME ON SP90 SIZE 27992K,
OVERFLOW ON SP90 SIZE 331K;

CREATE DSI ORDERS_180_DSI
DSO ORDERS_DSO
USING(1970,1980)
ALLOCATE PRIME ON SP90 SIZE 27992K,
OVERFLOW ON SP90 SIZE 331K;

CREATE DSI ORDERS_181_DSI
DSO ORDERS_DSO
USING(1981,1991)
ALLOCATE PRIME ON SP91 SIZE 27992K,
OVERFLOW ON SP91 SIZE 331K;

CREATE DSI ORDERS_182_DSI
DSO ORDERS_DSO
USING(1992,2002)
ALLOCATE PRIME ON SP91 SIZE 27992K,
OVERFLOW ON SP91 SIZE 331K;

CREATE DSI ORDERS_183_DSI
DSO ORDERS_DSO
USING(2003,2013)
ALLOCATE PRIME ON SP92 SIZE 27992K,
OVERFLOW ON SP92 SIZE 331K;

CREATE DSI ORDERS_184_DSI
DSO ORDERS_DSO
USING(2014,2024)
ALLOCATE PRIME ON SP92 SIZE 27992K,
OVERFLOW ON SP92 SIZE 331K;

CREATE DSI ORDERS_185_DSI
DSO ORDERS_DSO
USING(2025,2035)
ALLOCATE PRIME ON SP93 SIZE 27992K,
OVERFLOW ON SP93 SIZE 331K;

CREATE DSI ORDERS_186_DSI
DSO ORDERS_DSO
USING(2036,2046)
ALLOCATE PRIME ON SP93 SIZE 27992K,
OVERFLOW ON SP93 SIZE 331K;

CREATE DSI ORDERS_187_DSI
DSO ORDERS_DSO
USING(2047,2057)
ALLOCATE PRIME ON SP94 SIZE 27992K,
OVERFLOW ON SP94 SIZE 331K;

CREATE DSI ORDERS_188_DSI
DSO ORDERS_DSO
USING(2058,2068)
ALLOCATE PRIME ON SP94 SIZE 27992K,
OVERFLOW ON SP94 SIZE 331K;

CREATE DSI ORDERS_189_DSI
DSO ORDERS_DSO
USING(2069,2079)
ALLOCATE PRIME ON SP95 SIZE 27992K,
OVERFLOW ON SP95 SIZE 331K;

CREATE DSI ORDERS_190_DSI
DSO ORDERS_DSO
USING(2080,2090)
ALLOCATE PRIME ON SP95 SIZE 27992K,
OVERFLOW ON SP95 SIZE 331K;

CREATE DSI ORDERS_191_DSI
DSO ORDERS_DSO
USING(2091,2101)
ALLOCATE PRIME ON SP96 SIZE 27992K,
OVERFLOW ON SP96 SIZE 331K;

CREATE DSI ORDERS_192_DSI
DSO ORDERS_DSO
USING(2102,2112)
ALLOCATE PRIME ON SP96 SIZE 27992K,
OVERFLOW ON SP96 SIZE 331K;

CREATE DSI ORDERS_193_DSI
DSO ORDERS_DSO
USING(2113,2123)
ALLOCATE PRIME ON SP97 SIZE 27992K,
OVERFLOW ON SP97 SIZE 331K;

CREATE DSI ORDERS_194_DSI
DSO ORDERS_DSO
USING(2124,2134)
ALLOCATE PRIME ON SP97 SIZE 27992K,
OVERFLOW ON SP97 SIZE 331K;

CREATE DSI ORDERS_195_DSI
DSO ORDERS_DSO
USING(2135,2145)
ALLOCATE PRIME ON SP98 SIZE 27992K,
OVERFLOW ON SP98 SIZE 331K;

CREATE DSI ORDERS_196_DSI
DSO ORDERS_DSO
USING(2146,2156)
ALLOCATE PRIME ON SP98 SIZE 27992K,
OVERFLOW ON SP98 SIZE 331K;

CREATE DSI ORDERS_197_DSI
DSO ORDERS_DSO
USING(2157,2167)
ALLOCATE PRIME ON SP99 SIZE 27992K,
OVERFLOW ON SP99 SIZE 331K;

CREATE DSI ORDERS_198_DSI
DSO ORDERS_DSO
USING(2168,2178)
ALLOCATE PRIME ON SP99 SIZE 27992K,
OVERFLOW ON SP99 SIZE 331K;

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OVERFLOW ON SP99 SIZE 331K;

CREATE DSI ORDERS_199_DSI
DSO ORDERS_DSO
USING(2179,2189)
ALLOCATE PRIME ON SP100 SIZE 27992K,
OVERFLOW ON SP100 SIZE 331K;

CREATE DSI ORDERS_200_DSI
DSO ORDERS_DSO
USING(2190,2200)
ALLOCATE PRIME ON SP100 SIZE 27992K,
OVERFLOW ON SP100 SIZE 331K;

CREATE DSI ORDERS_201_DSI
DSO ORDERS_DSO
USING(2201,2211)
ALLOCATE PRIME ON SP101 SIZE 27992K,
OVERFLOW ON SP101 SIZE 331K;

CREATE DSI ORDERS_202_DSI
DSO ORDERS_DSO
USING(2212,2222)
ALLOCATE PRIME ON SP101 SIZE 27992K,
OVERFLOW ON SP101 SIZE 331K;

CREATE DSI ORDERS_203_DSI
DSO ORDERS_DSO
USING(2223,2233)
ALLOCATE PRIME ON SP102 SIZE 27992K,
OVERFLOW ON SP102 SIZE 331K;

CREATE DSI ORDERS_204_DSI
DSO ORDERS_DSO
USING(2234,2244)
ALLOCATE PRIME ON SP102 SIZE 27992K,
OVERFLOW ON SP102 SIZE 331K;

CREATE DSI ORDERS_205_DSI
DSO ORDERS_DSO
USING(2245,2255)
ALLOCATE PRIME ON SP103 SIZE 27992K,
OVERFLOW ON SP103 SIZE 331K;

CREATE DSI ORDERS_206_DSI
DSO ORDERS_DSO
USING(2256,2266)
ALLOCATE PRIME ON SP103 SIZE 27992K,
OVERFLOW ON SP103 SIZE 331K;

CREATE DSI ORDERS_207_DSI
DSO ORDERS_DSO
USING(2267,2277)
ALLOCATE PRIME ON SP104 SIZE 27992K,
OVERFLOW ON SP104 SIZE 331K;

CREATE DSI ORDERS_208_DSI
DSO ORDERS_DSO
USING(2278,2288)
ALLOCATE PRIME ON SP104 SIZE 27992K,
OVERFLOW ON SP104 SIZE 331K;

CREATE DSI ORDERS_209_DSI
DSO ORDERS_DSO
USING(2289,2299)
ALLOCATE PRIME ON SP105 SIZE 27992K,
OVERFLOW ON SP105 SIZE 331K;

CREATE DSI ORDERS_210_DSI
DSO ORDERS_DSO
USING(2300,2310)
ALLOCATE PRIME ON SP105 SIZE 27992K,
OVERFLOW ON SP105 SIZE 331K;

CREATE DSI ORDERS_211_DSI
DSO ORDERS_DSO
USING(2311,2321)
ALLOCATE PRIME ON SP106 SIZE 27992K,
OVERFLOW ON SP106 SIZE 331K;

CREATE DSI ORDERS_212_DSI
DSO ORDERS_DSO
USING(2322,2332)
ALLOCATE PRIME ON SP106 SIZE 27992K,
OVERFLOW ON SP106 SIZE 331K;

CREATE DSI ORDERS_213_DSI
DSO ORDERS_DSO
USING(2333,2343)
ALLOCATE PRIME ON SP107 SIZE 27992K,
OVERFLOW ON SP107 SIZE 331K;

CREATE DSI ORDERS_214_DSI
DSO ORDERS_DSO
USING(2344,2354)
ALLOCATE PRIME ON SP107 SIZE 27992K,
OVERFLOW ON SP107 SIZE 331K;

CREATE DSI ORDERS_215_DSI
DSO ORDERS_DSO
USING(2355,2365)
ALLOCATE PRIME ON SP108 SIZE 27992K,
OVERFLOW ON SP108 SIZE 331K;

CREATE DSI ORDERS_216_DSI
DSO ORDERS_DSO
USING(2366,2376)
ALLOCATE PRIME ON SP108 SIZE 27992K,
OVERFLOW ON SP108 SIZE 331K;

CREATE DSI ORDERS_217_DSI
DSO ORDERS_DSO
USING(2377,2387)
ALLOCATE PRIME ON SP109 SIZE 27992K,
OVERFLOW ON SP109 SIZE 331K;

CREATE DSI ORDERS_218_DSI
DSO ORDERS_DSO
USING(2388,2398)
ALLOCATE PRIME ON SP109 SIZE 27992K,
OVERFLOW ON SP109 SIZE 331K;

CREATE DSI ORDERS_219_DSI
DSO ORDERS_DSO
USING(2399,2409)
ALLOCATE PRIME ON SP110 SIZE 27992K,
OVERFLOW ON SP110 SIZE 331K;

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OVERFLOW ON SP110 SIZE 331K;

CREATE DSI ORDERS_220_DSI
DSO ORDERS_DSO
USING(2410,2420)
ALLOCATE PRIME ON SP110 SIZE 27992K,
OVERFLOW ON SP110 SIZE 331K;

CREATE DSI ORDERS_221_DSI
DSO ORDERS_DSO
USING(2421,2431)
ALLOCATE PRIME ON SP111 SIZE 27992K,
OVERFLOW ON SP111 SIZE 331K;

CREATE DSI ORDERS_222_DSI
DSO ORDERS_DSO
USING(2432,2442)
ALLOCATE PRIME ON SP111 SIZE 27992K,
OVERFLOW ON SP111 SIZE 331K;

CREATE DSI ORDERS_223_DSI
DSO ORDERS_DSO
USING(2443,2453)
ALLOCATE PRIME ON SP112 SIZE 27992K,
OVERFLOW ON SP112 SIZE 331K;

CREATE DSI ORDERS_224_DSI
DSO ORDERS_DSO
USING(2454,2464)
ALLOCATE PRIME ON SP112 SIZE 27992K,
OVERFLOW ON SP112 SIZE 331K;

CREATE DSI ORDERS_225_DSI
DSO ORDERS_DSO
USING(2465,2475)
ALLOCATE PRIME ON SP113 SIZE 27992K,
OVERFLOW ON SP113 SIZE 331K;

CREATE DSI ORDERS_226_DSI
DSO ORDERS_DSO
USING(2476,2486)
ALLOCATE PRIME ON SP113 SIZE 27992K,
OVERFLOW ON SP113 SIZE 331K;

CREATE DSI ORDERS_227_DSI
DSO ORDERS_DSO
USING(2487,2497)
ALLOCATE PRIME ON SP114 SIZE 27992K,
OVERFLOW ON SP114 SIZE 331K;

CREATE DSI ORDERS_228_DSI
DSO ORDERS_DSO
USING(2498,2508)
ALLOCATE PRIME ON SP114 SIZE 27992K,
OVERFLOW ON SP114 SIZE 331K;

CREATE DSI ORDERS_229_DSI
DSO ORDERS_DSO
USING(2509,2519)
ALLOCATE PRIME ON SP115 SIZE 27992K,
OVERFLOW ON SP115 SIZE 331K;

CREATE DSI ORDERS_230_DSI
DSO ORDERS_DSO
USING(2520,2530)
ALLOCATE PRIME ON SP115 SIZE 27992K,
OVERFLOW ON SP115 SIZE 331K;

CREATE DSI ORDERS_231_DSI
DSO ORDERS_DSO
USING(2531,2541)
ALLOCATE PRIME ON SP116 SIZE 27992K,
OVERFLOW ON SP116 SIZE 331K;

CREATE DSI ORDERS_232_DSI
DSO ORDERS_DSO
USING(2542,2552)
ALLOCATE PRIME ON SP116 SIZE 27992K,
OVERFLOW ON SP116 SIZE 331K;

CREATE DSI ORDERS_233_DSI
DSO ORDERS_DSO
USING(2553,2563)
ALLOCATE PRIME ON SP117 SIZE 27992K,
OVERFLOW ON SP117 SIZE 331K;

CREATE DSI ORDERS_234_DSI
DSO ORDERS_DSO
USING(2564,2574)
ALLOCATE PRIME ON SP117 SIZE 27992K,
OVERFLOW ON SP117 SIZE 331K;

CREATE DSI ORDERS_235_DSI
DSO ORDERS_DSO
USING(2575,2585)
ALLOCATE PRIME ON SP118 SIZE 27992K,
OVERFLOW ON SP118 SIZE 331K;

CREATE DSI ORDERS_236_DSI
DSO ORDERS_DSO
USING(2586,2596)
ALLOCATE PRIME ON SP118 SIZE 27992K,
OVERFLOW ON SP118 SIZE 331K;

CREATE DSI ORDERS_237_DSI
DSO ORDERS_DSO
USING(2597,2607)
ALLOCATE PRIME ON SP119 SIZE 27992K,
OVERFLOW ON SP119 SIZE 331K;

CREATE DSI ORDERS_238_DSI
DSO ORDERS_DSO
USING(2608,2618)
ALLOCATE PRIME ON SP119 SIZE 27992K,
OVERFLOW ON SP119 SIZE 331K;

CREATE DSI ORDERS_239_DSI
DSO ORDERS_DSO
USING(2619,2629)
ALLOCATE PRIME ON SP120 SIZE 27992K,
OVERFLOW ON SP120 SIZE 331K;

CREATE DSI ORDERS_240_DSI
DSO ORDERS_DSO
USING(2630,2640)
ALLOCATE PRIME ON SP120 SIZE 27992K,
OVERFLOW ON SP120 SIZE 331K;

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OVERFLOW ON SP120 SIZE 331K;

CREATE DSI ORDERS_241_DSI
DSO ORDERS_DSO
USING(2641,2651)
ALLOCATE PRIME ON SP121 SIZE 27992K,
OVERFLOW ON SP121 SIZE 331K;

CREATE DSI ORDERS_242_DSI
DSO ORDERS_DSO
USING(2652,2662)
ALLOCATE PRIME ON SP121 SIZE 27992K,
OVERFLOW ON SP121 SIZE 331K;

CREATE DSI ORDERS_243_DSI
DSO ORDERS_DSO
USING(2663,2673)
ALLOCATE PRIME ON SP122 SIZE 27992K,
OVERFLOW ON SP122 SIZE 331K;

CREATE DSI ORDERS_244_DSI
DSO ORDERS_DSO
USING(2674,2684)
ALLOCATE PRIME ON SP122 SIZE 27992K,
OVERFLOW ON SP122 SIZE 331K;

CREATE DSI ORDERS_245_DSI
DSO ORDERS_DSO
USING(2685,2695)
ALLOCATE PRIME ON SP123 SIZE 27992K,
OVERFLOW ON SP123 SIZE 331K;

CREATE DSI ORDERS_246_DSI
DSO ORDERS_DSO
USING(2696,2706)
ALLOCATE PRIME ON SP123 SIZE 27992K,
OVERFLOW ON SP123 SIZE 331K;

CREATE DSI ORDERS_247_DSI
DSO ORDERS_DSO
USING(2707,2717)
ALLOCATE PRIME ON SP124 SIZE 27992K,
OVERFLOW ON SP124 SIZE 331K;

CREATE DSI ORDERS_248_DSI
DSO ORDERS_DSO
USING(2718,2728)
ALLOCATE PRIME ON SP124 SIZE 27992K,
OVERFLOW ON SP124 SIZE 331K;

CREATE DSI ORDERS_249_DSI
DSO ORDERS_DSO
USING(2729,2739)
ALLOCATE PRIME ON SP125 SIZE 27992K,
OVERFLOW ON SP125 SIZE 331K;

CREATE DSI ORDERS_250_DSI
DSO ORDERS_DSO
USING(2740,2750)
ALLOCATE PRIME ON SP125 SIZE 27992K,
OVERFLOW ON SP125 SIZE 331K;

CREATE DSI ORDERS_251_DSI

DSO ORDERS_DSO
USING(2751,2761)
ALLOCATE PRIME ON SP126 SIZE 27992K,
OVERFLOW ON SP126 SIZE 331K;

CREATE DSI ORDERS_252_DSI
DSO ORDERS_DSO
USING(2762,2772)
ALLOCATE PRIME ON SP126 SIZE 27992K,
OVERFLOW ON SP126 SIZE 331K;

CREATE DSI ORDERS_253_DSI
DSO ORDERS_DSO
USING(2773,2783)
ALLOCATE PRIME ON SP127 SIZE 27992K,
OVERFLOW ON SP127 SIZE 331K;

CREATE DSI ORDERS_254_DSI
DSO ORDERS_DSO
USING(2784,2794)
ALLOCATE PRIME ON SP127 SIZE 27992K,
OVERFLOW ON SP127 SIZE 331K;

CREATE DSI ORDERS_255_DSI
DSO ORDERS_DSO
USING(2795,2805)
ALLOCATE PRIME ON SP128 SIZE 27992K,
OVERFLOW ON SP128 SIZE 331K;

CREATE DSI ORDERS_256_DSI
DSO ORDERS_DSO
USING(2806,2816)
ALLOCATE PRIME ON SP128 SIZE 27992K,
OVERFLOW ON SP128 SIZE 331K;

CREATE DSI ORDERS_257_DSI
DSO ORDERS_DSO
USING(2817,2827)
ALLOCATE PRIME ON SP129 SIZE 27992K,
OVERFLOW ON SP129 SIZE 331K;

CREATE DSI ORDERS_258_DSI
DSO ORDERS_DSO
USING(2828,2838)
ALLOCATE PRIME ON SP129 SIZE 27992K,
OVERFLOW ON SP129 SIZE 331K;

CREATE DSI ORDERS_259_DSI
DSO ORDERS_DSO
USING(2839,2849)
ALLOCATE PRIME ON SP130 SIZE 27992K,
OVERFLOW ON SP130 SIZE 331K;

CREATE DSI ORDERS_260_DSI
DSO ORDERS_DSO
USING(2850,2860)
ALLOCATE PRIME ON SP130 SIZE 27992K,
OVERFLOW ON SP130 SIZE 331K;

CREATE DSI ORDERS_261_DSI
DSO ORDERS_DSO
USING(2861,2871)
ALLOCATE PRIME ON SP131 SIZE 27992K,

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OVERFLOW ON SP131 SIZE 331K;

CREATE DSI ORDERS_262_DSI
DSO ORDERS_DSO
USING(2872,2882)
ALLOCATE PRIME ON SP131 SIZE 27992K,
OVERFLOW ON SP131 SIZE 331K;

CREATE DSI ORDERS_263_DSI
DSO ORDERS_DSO
USING(2883,2893)
ALLOCATE PRIME ON SP132 SIZE 27992K,
OVERFLOW ON SP132 SIZE 331K;

CREATE DSI ORDERS_264_DSI
DSO ORDERS_DSO
USING(2894,2904)
ALLOCATE PRIME ON SP132 SIZE 27992K,
OVERFLOW ON SP132 SIZE 331K;

CREATE DSI ORDERS_265_DSI
DSO ORDERS_DSO
USING(2905,2915)
ALLOCATE PRIME ON SP133 SIZE 27992K,
OVERFLOW ON SP133 SIZE 331K;

CREATE DSI ORDERS_266_DSI
DSO ORDERS_DSO
USING(2916,2926)
ALLOCATE PRIME ON SP133 SIZE 27992K,
OVERFLOW ON SP133 SIZE 331K;

CREATE DSI ORDERS_267_DSI
DSO ORDERS_DSO
USING(2927,2937)
ALLOCATE PRIME ON SP134 SIZE 27992K,
OVERFLOW ON SP134 SIZE 331K;

CREATE DSI ORDERS_268_DSI
DSO ORDERS_DSO
USING(2938,2948)
ALLOCATE PRIME ON SP134 SIZE 27992K,
OVERFLOW ON SP134 SIZE 331K;

CREATE DSI ORDERS_269_DSI
DSO ORDERS_DSO
USING(2949,2959)
ALLOCATE PRIME ON SP135 SIZE 27992K,
OVERFLOW ON SP135 SIZE 331K;

CREATE DSI ORDERS_270_DSI
DSO ORDERS_DSO
USING(2960,2970)
ALLOCATE PRIME ON SP135 SIZE 27992K,
OVERFLOW ON SP135 SIZE 331K;

CREATE DSI ORDERS_271_DSI
DSO ORDERS_DSO
USING(2971,2981)
ALLOCATE PRIME ON SP136 SIZE 27992K,
OVERFLOW ON SP136 SIZE 331K;

CREATE DSI ORDERS_272_DSI
DSO ORDERS_DSO
USING(2982,2992)
ALLOCATE PRIME ON SP136 SIZE 27992K,
OVERFLOW ON SP136 SIZE 331K;

CREATE DSI ORDERS_273_DSI
DSO ORDERS_DSO
USING(2993,3003)
ALLOCATE PRIME ON SP137 SIZE 27992K,
OVERFLOW ON SP137 SIZE 331K;

CREATE DSI ORDERS_274_DSI
DSO ORDERS_DSO
USING(3004,3014)
ALLOCATE PRIME ON SP137 SIZE 27992K,
OVERFLOW ON SP137 SIZE 331K;

CREATE DSI ORDERS_275_DSI
DSO ORDERS_DSO
USING(3015,3025)
ALLOCATE PRIME ON SP138 SIZE 27992K,
OVERFLOW ON SP138 SIZE 331K;

CREATE DSI ORDERS_276_DSI
DSO ORDERS_DSO
USING(3026,3036)
ALLOCATE PRIME ON SP138 SIZE 27992K,
OVERFLOW ON SP138 SIZE 331K;

CREATE DSI ORDERS_277_DSI
DSO ORDERS_DSO
USING(3037,3047)
ALLOCATE PRIME ON SP139 SIZE 27992K,
OVERFLOW ON SP139 SIZE 331K;

CREATE DSI ORDERS_278_DSI
DSO ORDERS_DSO
USING(3048,3058)
ALLOCATE PRIME ON SP139 SIZE 27992K,
OVERFLOW ON SP139 SIZE 331K;

CREATE DSI ORDERS_279_DSI
DSO ORDERS_DSO
USING(3059,3069)
ALLOCATE PRIME ON SP140 SIZE 27992K,
OVERFLOW ON SP140 SIZE 331K;

CREATE DSI ORDERS_280_DSI
DSO ORDERS_DSO
USING(3070,3080)
ALLOCATE PRIME ON SP140 SIZE 27992K,
OVERFLOW ON SP140 SIZE 331K;

CREATE DSI ORDERS_281_DSI
DSO ORDERS_DSO
USING(3081,3091)
ALLOCATE PRIME ON SP141 SIZE 27992K,
OVERFLOW ON SP141 SIZE 331K;

CREATE DSI ORDERS_282_DSI
DSO ORDERS_DSO
USING(3092,3102)
ALLOCATE PRIME ON SP141 SIZE 27992K,
OVERFLOW ON SP141 SIZE 331K;

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OVERFLOW ON SP141 SIZE 331K;

CREATE DSI ORDERS_283_DSI
DSO ORDERS_DSO
USING(3103,3113)
ALLOCATE PRIME ON SP142 SIZE 27992K,
OVERFLOW ON SP142 SIZE 331K;

CREATE DSI ORDERS_284_DSI
DSO ORDERS_DSO
USING(3114,3124)
ALLOCATE PRIME ON SP142 SIZE 27992K,
OVERFLOW ON SP142 SIZE 331K;

CREATE DSI ORDERS_285_DSI
DSO ORDERS_DSO
USING(3125,3135)
ALLOCATE PRIME ON SP143 SIZE 27992K,
OVERFLOW ON SP143 SIZE 331K;

CREATE DSI ORDERS_286_DSI
DSO ORDERS_DSO
USING(3136,3146)
ALLOCATE PRIME ON SP143 SIZE 27992K,
OVERFLOW ON SP143 SIZE 331K;

CREATE DSI ORDERS_287_DSI
DSO ORDERS_DSO
USING(3147,3157)
ALLOCATE PRIME ON SP144 SIZE 27992K,
OVERFLOW ON SP144 SIZE 331K;

CREATE DSI ORDERS_288_DSI
DSO ORDERS_DSO
USING(3158,3168)
ALLOCATE PRIME ON SP144 SIZE 27992K,
OVERFLOW ON SP144 SIZE 331K;

CREATE DSI ORDERS_289_DSI
DSO ORDERS_DSO
USING(3169,3179)
ALLOCATE PRIME ON SP145 SIZE 27992K,
OVERFLOW ON SP145 SIZE 331K;

CREATE DSI ORDERS_290_DSI
DSO ORDERS_DSO
USING(3180,3190)
ALLOCATE PRIME ON SP145 SIZE 27992K,
OVERFLOW ON SP145 SIZE 331K;

CREATE DSI ORDERS_291_DSI
DSO ORDERS_DSO
USING(3191,3201)
ALLOCATE PRIME ON SP146 SIZE 27992K,
OVERFLOW ON SP146 SIZE 331K;

CREATE DSI ORDERS_292_DSI
DSO ORDERS_DSO
USING(3202,3212)
ALLOCATE PRIME ON SP146 SIZE 27992K,
OVERFLOW ON SP146 SIZE 331K;

CREATE DSI ORDERS_293_DSI
DSO ORDERS_DSO
USING(3213,3223)
ALLOCATE PRIME ON SP147 SIZE 27992K,
OVERFLOW ON SP147 SIZE 331K;

CREATE DSI ORDERS_294_DSI
DSO ORDERS_DSO
USING(3224,3234)
ALLOCATE PRIME ON SP147 SIZE 27992K,
OVERFLOW ON SP147 SIZE 331K;

CREATE DSI ORDERS_295_DSI
DSO ORDERS_DSO
USING(3235,3245)
ALLOCATE PRIME ON SP148 SIZE 27992K,
OVERFLOW ON SP148 SIZE 331K;

CREATE DSI ORDERS_296_DSI
DSO ORDERS_DSO
USING(3246,3256)
ALLOCATE PRIME ON SP148 SIZE 27992K,
OVERFLOW ON SP148 SIZE 331K;

CREATE DSI ORDERS_297_DSI
DSO ORDERS_DSO
USING(3257,3267)
ALLOCATE PRIME ON SP149 SIZE 27992K,
OVERFLOW ON SP149 SIZE 331K;

CREATE DSI ORDERS_298_DSI
DSO ORDERS_DSO
USING(3268,3278)
ALLOCATE PRIME ON SP149 SIZE 27992K,
OVERFLOW ON SP149 SIZE 331K;

CREATE DSI ORDERS_299_DSI
DSO ORDERS_DSO
USING(3279,3289)
ALLOCATE PRIME ON SP150 SIZE 27992K,
OVERFLOW ON SP150 SIZE 331K;

CREATE DSI ORDERS_300_DSI
DSO ORDERS_DSO
USING(3290,3300)
ALLOCATE PRIME ON SP150 SIZE 27992K,
OVERFLOW ON SP150 SIZE 331K;

CREATE DSI ORDERS_301_DSI
DSO ORDERS_DSO
USING(3301,3311)
ALLOCATE PRIME ON SP151 SIZE 27992K,
OVERFLOW ON SP151 SIZE 331K;

CREATE DSI ORDERS_302_DSI
DSO ORDERS_DSO
USING(3312,3322)
ALLOCATE PRIME ON SP151 SIZE 27992K,
OVERFLOW ON SP151 SIZE 331K;

CREATE DSI ORDERS_303_DSI
DSO ORDERS_DSO
USING(3323,3333)
ALLOCATE PRIME ON SP152 SIZE 27992K,
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OVERFLOW ON SP152 SIZE 331K;

CREATE DSI ORDERS_304_DSI
DSO ORDERS_DSO
USING(3334,3344)
ALLOCATE PRIME ON SP152 SIZE 27992K,
OVERFLOW ON SP152 SIZE 331K;

CREATE DSI ORDERS_305_DSI
DSO ORDERS_DSO
USING(3345,3355)
ALLOCATE PRIME ON SP153 SIZE 27992K,
OVERFLOW ON SP153 SIZE 331K;

CREATE DSI ORDERS_306_DSI
DSO ORDERS_DSO
USING(3356,3366)
ALLOCATE PRIME ON SP153 SIZE 27992K,
OVERFLOW ON SP153 SIZE 331K;

CREATE DSI ORDERS_307_DSI
DSO ORDERS_DSO
USING(3367,3377)
ALLOCATE PRIME ON SP154 SIZE 27992K,
OVERFLOW ON SP154 SIZE 331K;

CREATE DSI ORDERS_308_DSI
DSO ORDERS_DSO
USING(3378,3388)
ALLOCATE PRIME ON SP154 SIZE 27992K,
OVERFLOW ON SP154 SIZE 331K;

CREATE DSI ORDERS_309_DSI
DSO ORDERS_DSO
USING(3389,3399)
ALLOCATE PRIME ON SP155 SIZE 27992K,
OVERFLOW ON SP155 SIZE 331K;

CREATE DSI ORDERS_310_DSI
DSO ORDERS_DSO
USING(3400,3410)
ALLOCATE PRIME ON SP155 SIZE 27992K,
OVERFLOW ON SP155 SIZE 331K;

CREATE DSI ORDERS_311_DSI
DSO ORDERS_DSO
USING(3411,3421)
ALLOCATE PRIME ON SP156 SIZE 27992K,
OVERFLOW ON SP156 SIZE 331K;

CREATE DSI ORDERS_312_DSI
DSO ORDERS_DSO
USING(3422,3432)
ALLOCATE PRIME ON SP156 SIZE 27992K,
OVERFLOW ON SP156 SIZE 331K;

CREATE DSI ORDERS_313_DSI
DSO ORDERS_DSO
USING(3433,3443)
ALLOCATE PRIME ON SP157 SIZE 27992K,
OVERFLOW ON SP157 SIZE 331K;

CREATE DSI ORDERS_314_DSI
DSO ORDERS_DSO
USING(3444,3454)
ALLOCATE PRIME ON SP157 SIZE 27992K,
OVERFLOW ON SP157 SIZE 331K;

CREATE DSI ORDERS_315_DSI
DSO ORDERS_DSO
USING(3455,3465)
ALLOCATE PRIME ON SP158 SIZE 27992K,
OVERFLOW ON SP158 SIZE 331K;

CREATE DSI ORDERS_316_DSI
DSO ORDERS_DSO
USING(3466,3476)
ALLOCATE PRIME ON SP158 SIZE 27992K,
OVERFLOW ON SP158 SIZE 331K;

CREATE DSI ORDERS_317_DSI
DSO ORDERS_DSO
USING(3477,3487)
ALLOCATE PRIME ON SP159 SIZE 27992K,
OVERFLOW ON SP159 SIZE 331K;

CREATE DSI ORDERS_318_DSI
DSO ORDERS_DSO
USING(3488,3498)
ALLOCATE PRIME ON SP159 SIZE 27992K,
OVERFLOW ON SP159 SIZE 331K;

CREATE DSI ORDERS_319_DSI
DSO ORDERS_DSO
USING(3499,3509)
ALLOCATE PRIME ON SP160 SIZE 27992K,
OVERFLOW ON SP160 SIZE 331K;

CREATE DSI ORDERS_320_DSI
DSO ORDERS_DSO
USING(3510,3520)
ALLOCATE PRIME ON SP160 SIZE 27992K,
OVERFLOW ON SP160 SIZE 331K;

CREATE DSI ORDERS_321_DSI
DSO ORDERS_DSO
USING(3521,3531)
ALLOCATE PRIME ON SP161 SIZE 27992K,
OVERFLOW ON SP161 SIZE 331K;

CREATE DSI ORDERS_322_DSI
DSO ORDERS_DSO
USING(3532,3542)
ALLOCATE PRIME ON SP161 SIZE 27992K,
OVERFLOW ON SP161 SIZE 331K;

CREATE DSI ORDERS_323_DSI
DSO ORDERS_DSO
USING(3543,3553)
ALLOCATE PRIME ON SP162 SIZE 27992K,
OVERFLOW ON SP162 SIZE 331K;

CREATE DSI ORDERS_324_DSI
DSO ORDERS_DSO
USING(3554,3564)
ALLOCATE PRIME ON SP162 SIZE 27992K,
OVERFLOW ON SP162 SIZE 331K;

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OVERFLOW ON SP162 SIZE 331K;

CREATE DSI ORDERS_325_DSI
DSO ORDERS_DSO
USING(3565,3575)
ALLOCATE PRIME ON SP163 SIZE 27992K,
OVERFLOW ON SP163 SIZE 331K;

CREATE DSI ORDERS_326_DSI
DSO ORDERS_DSO
USING(3576,3586)
ALLOCATE PRIME ON SP163 SIZE 27992K,
OVERFLOW ON SP163 SIZE 331K;

CREATE DSI ORDERS_327_DSI
DSO ORDERS_DSO
USING(3587,3597)
ALLOCATE PRIME ON SP164 SIZE 27992K,
OVERFLOW ON SP164 SIZE 331K;

CREATE DSI ORDERS_328_DSI
DSO ORDERS_DSO
USING(3598,3608)
ALLOCATE PRIME ON SP164 SIZE 27992K,
OVERFLOW ON SP164 SIZE 331K;

CREATE DSI ORDERS_329_DSI
DSO ORDERS_DSO
USING(3609,3619)
ALLOCATE PRIME ON SP165 SIZE 27992K,
OVERFLOW ON SP165 SIZE 331K;

CREATE DSI ORDERS_330_DSI
DSO ORDERS_DSO
USING(3620,3630)
ALLOCATE PRIME ON SP165 SIZE 27992K,
OVERFLOW ON SP165 SIZE 331K;

CREATE DSI ORDERS_331_DSI
DSO ORDERS_DSO
USING(3631,3641)
ALLOCATE PRIME ON SP166 SIZE 27992K,
OVERFLOW ON SP166 SIZE 331K;

CREATE DSI ORDERS_332_DSI
DSO ORDERS_DSO
USING(3642,3652)
ALLOCATE PRIME ON SP166 SIZE 27992K,
OVERFLOW ON SP166 SIZE 331K;

CREATE DSI ORDERS_333_DSI
DSO ORDERS_DSO
USING(3653,3663)
ALLOCATE PRIME ON SP167 SIZE 27992K,
OVERFLOW ON SP167 SIZE 331K;

CREATE DSI ORDERS_334_DSI
DSO ORDERS_DSO
USING(3664,3674)
ALLOCATE PRIME ON SP167 SIZE 27992K,
OVERFLOW ON SP167 SIZE 331K;

CREATE DSI ORDERS_335_DSI
DSO ORDERS_DSO
USING(3675,3685)
ALLOCATE PRIME ON SP168 SIZE 27992K,
OVERFLOW ON SP168 SIZE 331K;

CREATE DSI ORDERS_336_DSI
DSO ORDERS_DSO
USING(3686,3696)
ALLOCATE PRIME ON SP168 SIZE 27992K,
OVERFLOW ON SP168 SIZE 331K;

CREATE DSI ORDERS_337_DSI
DSO ORDERS_DSO
USING(3697,3707)
ALLOCATE PRIME ON SP169 SIZE 27992K,
OVERFLOW ON SP169 SIZE 331K;

CREATE DSI ORDERS_338_DSI
DSO ORDERS_DSO
USING(3708,3718)
ALLOCATE PRIME ON SP169 SIZE 27992K,
OVERFLOW ON SP169 SIZE 331K;

CREATE DSI ORDERS_339_DSI
DSO ORDERS_DSO
USING(3719,3729)
ALLOCATE PRIME ON SP170 SIZE 27992K,
OVERFLOW ON SP170 SIZE 331K;

CREATE DSI ORDERS_340_DSI
DSO ORDERS_DSO
USING(3730,3740)
ALLOCATE PRIME ON SP170 SIZE 27992K,
OVERFLOW ON SP170 SIZE 331K;

CREATE DSI ORDERS_341_DSI
DSO ORDERS_DSO
USING(3741,3751)
ALLOCATE PRIME ON SP171 SIZE 27992K,
OVERFLOW ON SP171 SIZE 331K;

CREATE DSI ORDERS_342_DSI
DSO ORDERS_DSO
USING(3752,3762)
ALLOCATE PRIME ON SP171 SIZE 27992K,
OVERFLOW ON SP171 SIZE 331K;

CREATE DSI ORDERS_343_DSI
DSO ORDERS_DSO
USING(3763,3773)
ALLOCATE PRIME ON SP172 SIZE 27992K,
OVERFLOW ON SP172 SIZE 331K;

CREATE DSI ORDERS_344_DSI
DSO ORDERS_DSO
USING(3774,3784)
ALLOCATE PRIME ON SP172 SIZE 27992K,
OVERFLOW ON SP172 SIZE 331K;

CREATE DSI ORDERS_345_DSI
DSO ORDERS_DSO
USING(3785,3795)
ALLOCATE PRIME ON SP173 SIZE 27992K,
```

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OVERFLOW ON SP173 SIZE 331K;

CREATE DSI ORDERS_346_DSI
DSO ORDERS_DSO
USING(3796,3806)
ALLOCATE PRIME ON SP173 SIZE 27992K,
OVERFLOW ON SP173 SIZE 331K;

CREATE DSI ORDERS_347_DSI
DSO ORDERS_DSO
USING(3807,3817)
ALLOCATE PRIME ON SP174 SIZE 27992K,
OVERFLOW ON SP174 SIZE 331K;

CREATE DSI ORDERS_348_DSI
DSO ORDERS_DSO
USING(3818,3828)
ALLOCATE PRIME ON SP174 SIZE 27992K,
OVERFLOW ON SP174 SIZE 331K;

CREATE DSI ORDERS_349_DSI
DSO ORDERS_DSO
USING(3829,3839)
ALLOCATE PRIME ON SP175 SIZE 27992K,
OVERFLOW ON SP175 SIZE 331K;

CREATE DSI ORDERS_350_DSI
DSO ORDERS_DSO
USING(3840,3850)
ALLOCATE PRIME ON SP175 SIZE 27992K,
OVERFLOW ON SP175 SIZE 331K;

CREATE DSI ORDERS_351_DSI
DSO ORDERS_DSO
USING(3851,3861)
ALLOCATE PRIME ON SP176 SIZE 27992K,
OVERFLOW ON SP176 SIZE 331K;

CREATE DSI ORDERS_352_DSI
DSO ORDERS_DSO
USING(3862,3872)
ALLOCATE PRIME ON SP176 SIZE 27992K,
OVERFLOW ON SP176 SIZE 331K;

CREATE DSI ORDERS_353_DSI
DSO ORDERS_DSO
USING(3873,3883)
ALLOCATE PRIME ON SP177 SIZE 27992K,
OVERFLOW ON SP177 SIZE 331K;

CREATE DSI ORDERS_354_DSI
DSO ORDERS_DSO
USING(3884,3894)
ALLOCATE PRIME ON SP177 SIZE 27992K,
OVERFLOW ON SP177 SIZE 331K;

CREATE DSI ORDERS_355_DSI
DSO ORDERS_DSO
USING(3895,3905)
ALLOCATE PRIME ON SP178 SIZE 27992K,
OVERFLOW ON SP178 SIZE 331K;

CREATE DSI ORDERS_356_DSI
DSO ORDERS_DSO
USING(3906,3916)
ALLOCATE PRIME ON SP178 SIZE 27992K,
OVERFLOW ON SP178 SIZE 331K;

CREATE DSI ORDERS_357_DSI
DSO ORDERS_DSO
USING(3917,3927)
ALLOCATE PRIME ON SP179 SIZE 27992K,
OVERFLOW ON SP179 SIZE 331K;

CREATE DSI ORDERS_358_DSI
DSO ORDERS_DSO
USING(3928,3938)
ALLOCATE PRIME ON SP179 SIZE 27992K,
OVERFLOW ON SP179 SIZE 331K;

CREATE DSI ORDERS_359_DSI
DSO ORDERS_DSO
USING(3939,3949)
ALLOCATE PRIME ON SP180 SIZE 27992K,
OVERFLOW ON SP180 SIZE 331K;

CREATE DSI ORDERS_360_DSI
DSO ORDERS_DSO
USING(3950,3960)
ALLOCATE PRIME ON SP180 SIZE 27992K,
OVERFLOW ON SP180 SIZE 331K;

CREATE DSI ORDERS_361_DSI
DSO ORDERS_DSO
USING(3961,3971)
ALLOCATE PRIME ON SP181 SIZE 27992K,
OVERFLOW ON SP181 SIZE 331K;

CREATE DSI ORDERS_362_DSI
DSO ORDERS_DSO
USING(3972,3982)
ALLOCATE PRIME ON SP181 SIZE 27992K,
OVERFLOW ON SP181 SIZE 331K;

CREATE DSI ORDERS_363_DSI
DSO ORDERS_DSO
USING(3983,3993)
ALLOCATE PRIME ON SP182 SIZE 27992K,
OVERFLOW ON SP182 SIZE 331K;

CREATE DSI ORDERS_364_DSI
DSO ORDERS_DSO
USING(3994,4004)
ALLOCATE PRIME ON SP182 SIZE 27992K,
OVERFLOW ON SP182 SIZE 331K;

CREATE DSI ORDERS_365_DSI
DSO ORDERS_DSO
USING(4005,4015)
ALLOCATE PRIME ON SP183 SIZE 27992K,
OVERFLOW ON SP183 SIZE 331K;

CREATE DSI ORDERS_366_DSI
DSO ORDERS_DSO
USING(4016,4026)
ALLOCATE PRIME ON SP183 SIZE 27992K,
OVERFLOW ON SP183 SIZE 331K;

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OVERFLOW ON SP183 SIZE 331K;

CREATE DSI ORDERS_367_DSI
DSO ORDERS_DSO
USING(4027,4037)
ALLOCATE PRIME ON SP184 SIZE 27992K,
OVERFLOW ON SP184 SIZE 331K;

CREATE DSI ORDERS_368_DSI
DSO ORDERS_DSO
USING(4038,4048)
ALLOCATE PRIME ON SP184 SIZE 27992K,
OVERFLOW ON SP184 SIZE 331K;

CREATE DSI ORDERS_369_DSI
DSO ORDERS_DSO
USING(4049,4059)
ALLOCATE PRIME ON SP185 SIZE 27992K,
OVERFLOW ON SP185 SIZE 331K;

CREATE DSI ORDERS_370_DSI
DSO ORDERS_DSO
USING(4060,4070)
ALLOCATE PRIME ON SP185 SIZE 27992K,
OVERFLOW ON SP185 SIZE 331K;

CREATE DSI ORDERS_371_DSI
DSO ORDERS_DSO
USING(4071,4081)
ALLOCATE PRIME ON SP186 SIZE 27992K,
OVERFLOW ON SP186 SIZE 331K;

CREATE DSI ORDERS_372_DSI
DSO ORDERS_DSO
USING(4082,4092)
ALLOCATE PRIME ON SP186 SIZE 27992K,
OVERFLOW ON SP186 SIZE 331K;

CREATE DSI ORDERS_373_DSI
DSO ORDERS_DSO
USING(4093,4103)
ALLOCATE PRIME ON SP187 SIZE 27992K,
OVERFLOW ON SP187 SIZE 331K;

CREATE DSI ORDERS_374_DSI
DSO ORDERS_DSO
USING(4104,4114)
ALLOCATE PRIME ON SP187 SIZE 27992K,
OVERFLOW ON SP187 SIZE 331K;

CREATE DSI ORDERS_375_DSI
DSO ORDERS_DSO
USING(4115,4125)
ALLOCATE PRIME ON SP188 SIZE 27992K,
OVERFLOW ON SP188 SIZE 331K;

CREATE DSI ORDERS_376_DSI
DSO ORDERS_DSO
USING(4126,4136)
ALLOCATE PRIME ON SP188 SIZE 27992K,
OVERFLOW ON SP188 SIZE 331K;

CREATE DSI ORDERS_377_DSI
DSO ORDERS_DSO
USING(4137,4147)
ALLOCATE PRIME ON SP189 SIZE 27992K,
OVERFLOW ON SP189 SIZE 331K;

CREATE DSI ORDERS_378_DSI
DSO ORDERS_DSO
USING(4148,4158)
ALLOCATE PRIME ON SP189 SIZE 27992K,
OVERFLOW ON SP189 SIZE 331K;

CREATE DSI ORDERS_379_DSI
DSO ORDERS_DSO
USING(4159,4169)
ALLOCATE PRIME ON SP190 SIZE 27992K,
OVERFLOW ON SP190 SIZE 331K;

CREATE DSI ORDERS_380_DSI
DSO ORDERS_DSO
USING(4170,4180)
ALLOCATE PRIME ON SP190 SIZE 27992K,
OVERFLOW ON SP190 SIZE 331K;

CREATE DSI ORDERS_381_DSI
DSO ORDERS_DSO
USING(4181,4191)
ALLOCATE PRIME ON SP191 SIZE 27992K,
OVERFLOW ON SP191 SIZE 331K;

CREATE DSI ORDERS_382_DSI
DSO ORDERS_DSO
USING(4192,4202)
ALLOCATE PRIME ON SP191 SIZE 27992K,
OVERFLOW ON SP191 SIZE 331K;

CREATE DSI ORDERS_383_DSI
DSO ORDERS_DSO
USING(4203,4213)
ALLOCATE PRIME ON SP192 SIZE 27992K,
OVERFLOW ON SP192 SIZE 331K;

CREATE DSI ORDERS_384_DSI
DSO ORDERS_DSO
USING(4214,4224)
ALLOCATE PRIME ON SP192 SIZE 27992K,
OVERFLOW ON SP192 SIZE 331K;

CREATE DSI ORDERS_385_DSI
DSO ORDERS_DSO
USING(4225,4235)
ALLOCATE PRIME ON SP193 SIZE 27992K,
OVERFLOW ON SP193 SIZE 331K;

CREATE DSI ORDERS_386_DSI
DSO ORDERS_DSO
USING(4236,4246)
ALLOCATE PRIME ON SP193 SIZE 27992K,
OVERFLOW ON SP193 SIZE 331K;

CREATE DSI ORDERS_387_DSI
DSO ORDERS_DSO
USING(4247,4257)
ALLOCATE PRIME ON SP194 SIZE 27992K,
OVERFLOW ON SP194 SIZE 331K;

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OVERFLOW ON SP194 SIZE 331K;

CREATE DSI ORDERS_388_DSI
DSO ORDERS_DSO
USING(4258,4268)
ALLOCATE PRIME ON SP194 SIZE 27992K,
OVERFLOW ON SP194 SIZE 331K;

CREATE DSI ORDERS_389_DSI
DSO ORDERS_DSO
USING(4269,4279)
ALLOCATE PRIME ON SP195 SIZE 27992K,
OVERFLOW ON SP195 SIZE 331K;

CREATE DSI ORDERS_390_DSI
DSO ORDERS_DSO
USING(4280,4290)
ALLOCATE PRIME ON SP195 SIZE 27992K,
OVERFLOW ON SP195 SIZE 331K;

CREATE DSI ORDERS_391_DSI
DSO ORDERS_DSO
USING(4291,4301)
ALLOCATE PRIME ON SP196 SIZE 27992K,
OVERFLOW ON SP196 SIZE 331K;

CREATE DSI ORDERS_392_DSI
DSO ORDERS_DSO
USING(4302,4312)
ALLOCATE PRIME ON SP196 SIZE 27992K,
OVERFLOW ON SP196 SIZE 331K;

CREATE DSI ORDERS_393_DSI
DSO ORDERS_DSO
USING(4313,4323)
ALLOCATE PRIME ON SP197 SIZE 27992K,
OVERFLOW ON SP197 SIZE 331K;

CREATE DSI ORDERS_394_DSI
DSO ORDERS_DSO
USING(4324,4334)
ALLOCATE PRIME ON SP197 SIZE 27992K,
OVERFLOW ON SP197 SIZE 331K;

CREATE DSI ORDERS_395_DSI
DSO ORDERS_DSO
USING(4335,4345)
ALLOCATE PRIME ON SP198 SIZE 27992K,
OVERFLOW ON SP198 SIZE 331K;

CREATE DSI ORDERS_396_DSI
DSO ORDERS_DSO
USING(4346,4356)
ALLOCATE PRIME ON SP198 SIZE 27992K,
OVERFLOW ON SP198 SIZE 331K;

CREATE DSI ORDERS_397_DSI
DSO ORDERS_DSO
USING(4357,4367)
ALLOCATE PRIME ON SP199 SIZE 27992K,
OVERFLOW ON SP199 SIZE 331K;

CREATE DSI ORDERS_398_DSI
DSO ORDERS_DSO
USING(4368,4378)
ALLOCATE PRIME ON SP199 SIZE 27992K,
OVERFLOW ON SP199 SIZE 331K;

CREATE DSI ORDERS_399_DSI
DSO ORDERS_DSO
USING(4379,4389)
ALLOCATE PRIME ON SP200 SIZE 27992K,
OVERFLOW ON SP200 SIZE 331K;

CREATE DSI ORDERS_400_DSI
DSO ORDERS_DSO
USING(4390,4400)
ALLOCATE PRIME ON SP200 SIZE 27992K,
OVERFLOW ON SP200 SIZE 331K;

CREATE DSI ORDERS_401_DSI
DSO ORDERS_DSO
USING(4401,4411)
ALLOCATE PRIME ON SP201 SIZE 27992K,
OVERFLOW ON SP201 SIZE 331K;

CREATE DSI ORDERS_402_DSI
DSO ORDERS_DSO
USING(4412,4422)
ALLOCATE PRIME ON SP201 SIZE 27992K,
OVERFLOW ON SP201 SIZE 331K;

CREATE DSI ORDERS_403_DSI
DSO ORDERS_DSO
USING(4423,4433)
ALLOCATE PRIME ON SP202 SIZE 27992K,
OVERFLOW ON SP202 SIZE 331K;

CREATE DSI ORDERS_404_DSI
DSO ORDERS_DSO
USING(4434,4444)
ALLOCATE PRIME ON SP202 SIZE 27992K,
OVERFLOW ON SP202 SIZE 331K;

CREATE DSI ORDERS_405_DSI
DSO ORDERS_DSO
USING(4445,4455)
ALLOCATE PRIME ON SP203 SIZE 27992K,
OVERFLOW ON SP203 SIZE 331K;

CREATE DSI ORDERS_406_DSI
DSO ORDERS_DSO
USING(4456,4466)
ALLOCATE PRIME ON SP203 SIZE 27992K,
OVERFLOW ON SP203 SIZE 331K;

CREATE DSI ORDERS_407_DSI
DSO ORDERS_DSO
USING(4467,4477)
ALLOCATE PRIME ON SP204 SIZE 27992K,
OVERFLOW ON SP204 SIZE 331K;

CREATE DSI ORDERS_408_DSI
DSO ORDERS_DSO
USING(4478,4488)
ALLOCATE PRIME ON SP204 SIZE 27992K,
OVERFLOW ON SP204 SIZE 331K;

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OVERFLOW ON SP204 SIZE 331K;

CREATE DSI ORDERS_409_DSI
DSO ORDERS_DSO
USING(4489,4499)
ALLOCATE PRIME ON SP205 SIZE 27992K,
OVERFLOW ON SP205 SIZE 331K;

CREATE DSI ORDERS_410_DSI
DSO ORDERS_DSO
USING(4500,4510)
ALLOCATE PRIME ON SP205 SIZE 27992K,
OVERFLOW ON SP205 SIZE 331K;

CREATE DSI ORDERS_411_DSI
DSO ORDERS_DSO
USING(4511,4521)
ALLOCATE PRIME ON SP206 SIZE 27992K,
OVERFLOW ON SP206 SIZE 331K;

CREATE DSI ORDERS_412_DSI
DSO ORDERS_DSO
USING(4522,4532)
ALLOCATE PRIME ON SP206 SIZE 27992K,
OVERFLOW ON SP206 SIZE 331K;

CREATE DSI ORDERS_413_DSI
DSO ORDERS_DSO
USING(4533,4543)
ALLOCATE PRIME ON SP207 SIZE 27992K,
OVERFLOW ON SP207 SIZE 331K;

CREATE DSI ORDERS_414_DSI
DSO ORDERS_DSO
USING(4544,4554)
ALLOCATE PRIME ON SP207 SIZE 27992K,
OVERFLOW ON SP207 SIZE 331K;

CREATE DSI ORDERS_415_DSI
DSO ORDERS_DSO
USING(4555,4565)
ALLOCATE PRIME ON SP208 SIZE 27992K,
OVERFLOW ON SP208 SIZE 331K;

CREATE DSI ORDERS_416_DSI
DSO ORDERS_DSO
USING(4566,4576)
ALLOCATE PRIME ON SP208 SIZE 27992K,
OVERFLOW ON SP208 SIZE 331K;

CREATE DSI ORDERS_417_DSI
DSO ORDERS_DSO
USING(4577,4587)
ALLOCATE PRIME ON SP209 SIZE 27992K,
OVERFLOW ON SP209 SIZE 331K;

CREATE DSI ORDERS_418_DSI
DSO ORDERS_DSO
USING(4588,4598)
ALLOCATE PRIME ON SP209 SIZE 27992K,
OVERFLOW ON SP209 SIZE 331K;

CREATE DSI ORDERS_419_DSI
DSO ORDERS_DSO
USING(4599,4609)
ALLOCATE PRIME ON SP210 SIZE 27992K,
OVERFLOW ON SP210 SIZE 331K;

CREATE DSI ORDERS_420_DSI
DSO ORDERS_DSO
USING(4610,4620)
ALLOCATE PRIME ON SP210 SIZE 27992K,
OVERFLOW ON SP210 SIZE 331K;

CREATE DSI ORDERS_421_DSI
DSO ORDERS_DSO
USING(4621,4631)
ALLOCATE PRIME ON SP211 SIZE 27992K,
OVERFLOW ON SP211 SIZE 331K;

CREATE DSI ORDERS_422_DSI
DSO ORDERS_DSO
USING(4632,4642)
ALLOCATE PRIME ON SP211 SIZE 27992K,
OVERFLOW ON SP211 SIZE 331K;

CREATE DSI ORDERS_423_DSI
DSO ORDERS_DSO
USING(4643,4653)
ALLOCATE PRIME ON SP212 SIZE 27992K,
OVERFLOW ON SP212 SIZE 331K;

CREATE DSI ORDERS_424_DSI
DSO ORDERS_DSO
USING(4654,4664)
ALLOCATE PRIME ON SP212 SIZE 27992K,
OVERFLOW ON SP212 SIZE 331K;

CREATE DSI ORDERS_425_DSI
DSO ORDERS_DSO
USING(4665,4675)
ALLOCATE PRIME ON SP213 SIZE 27992K,
OVERFLOW ON SP213 SIZE 331K;

CREATE DSI ORDERS_426_DSI
DSO ORDERS_DSO
USING(4676,4686)
ALLOCATE PRIME ON SP213 SIZE 27992K,
OVERFLOW ON SP213 SIZE 331K;

CREATE DSI ORDERS_427_DSI
DSO ORDERS_DSO
USING(4687,4697)
ALLOCATE PRIME ON SP214 SIZE 27992K,
OVERFLOW ON SP214 SIZE 331K;

CREATE DSI ORDERS_428_DSI
DSO ORDERS_DSO
USING(4698,4708)
ALLOCATE PRIME ON SP214 SIZE 27992K,
OVERFLOW ON SP214 SIZE 331K;

CREATE DSI ORDERS_429_DSI
DSO ORDERS_DSO
USING(4709,4719)
ALLOCATE PRIME ON SP215 SIZE 27992K,
```

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OVERFLOW ON SP215 SIZE 331K;

CREATE DSI ORDERS_430_DSI
DSO ORDERS_DSO
USING(4720,4730)
ALLOCATE PRIME ON SP215 SIZE 27992K,
OVERFLOW ON SP215 SIZE 331K;

CREATE DSI ORDERS_431_DSI
DSO ORDERS_DSO
USING(4731,4741)
ALLOCATE PRIME ON SP216 SIZE 27992K,
OVERFLOW ON SP216 SIZE 331K;

CREATE DSI ORDERS_432_DSI
DSO ORDERS_DSO
USING(4742,4752)
ALLOCATE PRIME ON SP216 SIZE 27992K,
OVERFLOW ON SP216 SIZE 331K;

CREATE DSI ORDERS_433_DSI
DSO ORDERS_DSO
USING(4753,4763)
ALLOCATE PRIME ON SP217 SIZE 27992K,
OVERFLOW ON SP217 SIZE 331K;

CREATE DSI ORDERS_434_DSI
DSO ORDERS_DSO
USING(4764,4774)
ALLOCATE PRIME ON SP217 SIZE 27992K,
OVERFLOW ON SP217 SIZE 331K;

CREATE DSI ORDERS_435_DSI
DSO ORDERS_DSO
USING(4775,4785)
ALLOCATE PRIME ON SP218 SIZE 27992K,
OVERFLOW ON SP218 SIZE 331K;

CREATE DSI ORDERS_436_DSI
DSO ORDERS_DSO
USING(4786,4796)
ALLOCATE PRIME ON SP218 SIZE 27992K,
OVERFLOW ON SP218 SIZE 331K;

CREATE DSI ORDERS_437_DSI
DSO ORDERS_DSO
USING(4797,4807)
ALLOCATE PRIME ON SP219 SIZE 27992K,
OVERFLOW ON SP219 SIZE 331K;

CREATE DSI ORDERS_438_DSI
DSO ORDERS_DSO
USING(4808,4818)
ALLOCATE PRIME ON SP219 SIZE 27992K,
OVERFLOW ON SP219 SIZE 331K;

CREATE DSI ORDERS_439_DSI
DSO ORDERS_DSO
USING(4819,4829)
ALLOCATE PRIME ON SP220 SIZE 27992K,
OVERFLOW ON SP220 SIZE 331K;

CREATE DSI ORDERS_440_DSI
DSO ORDERS_DSO
USING(4830,4840)
ALLOCATE PRIME ON SP220 SIZE 27992K,
OVERFLOW ON SP220 SIZE 331K;

CREATE DSI ORDERS_441_DSI
DSO ORDERS_DSO
USING(4841,4851)
ALLOCATE PRIME ON SP221 SIZE 27992K,
OVERFLOW ON SP221 SIZE 331K;

CREATE DSI ORDERS_442_DSI
DSO ORDERS_DSO
USING(4852,4862)
ALLOCATE PRIME ON SP221 SIZE 27992K,
OVERFLOW ON SP221 SIZE 331K;

CREATE DSI ORDERS_443_DSI
DSO ORDERS_DSO
USING(4863,4873)
ALLOCATE PRIME ON SP222 SIZE 27992K,
OVERFLOW ON SP222 SIZE 331K;

CREATE DSI ORDERS_444_DSI
DSO ORDERS_DSO
USING(4874,4884)
ALLOCATE PRIME ON SP222 SIZE 27992K,
OVERFLOW ON SP222 SIZE 331K;

CREATE DSI ORDERS_445_DSI
DSO ORDERS_DSO
USING(4885,4895)
ALLOCATE PRIME ON SP223 SIZE 27992K,
OVERFLOW ON SP223 SIZE 331K;

CREATE DSI ORDERS_446_DSI
DSO ORDERS_DSO
USING(4896,4906)
ALLOCATE PRIME ON SP223 SIZE 27992K,
OVERFLOW ON SP223 SIZE 331K;

CREATE DSI ORDERS_447_DSI
DSO ORDERS_DSO
USING(4907,4917)
ALLOCATE PRIME ON SP224 SIZE 27992K,
OVERFLOW ON SP224 SIZE 331K;

CREATE DSI ORDERS_448_DSI
DSO ORDERS_DSO
USING(4918,4928)
ALLOCATE PRIME ON SP224 SIZE 27992K,
OVERFLOW ON SP224 SIZE 331K;

CREATE DSI ORDERS_449_DSI
DSO ORDERS_DSO
USING(4929,4939)
ALLOCATE PRIME ON SP225 SIZE 27992K,
OVERFLOW ON SP225 SIZE 331K;

CREATE DSI ORDERS_450_DSI
DSO ORDERS_DSO
USING(4940,4950)
ALLOCATE PRIME ON SP225 SIZE 27992K,
OVERFLOW ON SP225 SIZE 331K;

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OVERFLOW ON SP225 SIZE 331K;

CREATE DSI ORDERS_451_DSI
DSO ORDERS_DSO
USING(4951,4961)
ALLOCATE PRIME ON SP226 SIZE 27992K,
OVERFLOW ON SP226 SIZE 331K;

CREATE DSI ORDERS_452_DSI
DSO ORDERS_DSO
USING(4962,4972)
ALLOCATE PRIME ON SP226 SIZE 27992K,
OVERFLOW ON SP226 SIZE 331K;

CREATE DSI ORDERS_453_DSI
DSO ORDERS_DSO
USING(4973,4983)
ALLOCATE PRIME ON SP227 SIZE 27992K,
OVERFLOW ON SP227 SIZE 331K;

CREATE DSI ORDERS_454_DSI
DSO ORDERS_DSO
USING(4984,4994)
ALLOCATE PRIME ON SP227 SIZE 27992K,
OVERFLOW ON SP227 SIZE 331K;

CREATE DSI ORDERS_455_DSI
DSO ORDERS_DSO
USING(4995,5005)
ALLOCATE PRIME ON SP228 SIZE 27992K,
OVERFLOW ON SP228 SIZE 331K;

CREATE DSI ORDERS_456_DSI
DSO ORDERS_DSO
USING(5006,5016)
ALLOCATE PRIME ON SP228 SIZE 27992K,
OVERFLOW ON SP228 SIZE 331K;

CREATE DSI ORDERS_457_DSI
DSO ORDERS_DSO
USING(5017,5027)
ALLOCATE PRIME ON SP229 SIZE 27992K,
OVERFLOW ON SP229 SIZE 331K;

CREATE DSI ORDERS_458_DSI
DSO ORDERS_DSO
USING(5028,5038)
ALLOCATE PRIME ON SP229 SIZE 27992K,
OVERFLOW ON SP229 SIZE 331K;

CREATE DSI ORDERS_459_DSI
DSO ORDERS_DSO
USING(5039,5049)
ALLOCATE PRIME ON SP230 SIZE 27992K,
OVERFLOW ON SP230 SIZE 331K;

CREATE DSI ORDERS_460_DSI
DSO ORDERS_DSO
USING(5050,5060)
ALLOCATE PRIME ON SP230 SIZE 27992K,
OVERFLOW ON SP230 SIZE 331K;

CREATE DSI ORDERS_461_DSI

DSO ORDERS_DSO
USING(5061,5071)
ALLOCATE PRIME ON SP231 SIZE 27992K,
OVERFLOW ON SP231 SIZE 331K;

CREATE DSI ORDERS_462_DSI
DSO ORDERS_DSO
USING(5072,5082)
ALLOCATE PRIME ON SP231 SIZE 27992K,
OVERFLOW ON SP231 SIZE 331K;

CREATE DSI ORDERS_463_DSI
DSO ORDERS_DSO
USING(5083,5093)
ALLOCATE PRIME ON SP232 SIZE 27992K,
OVERFLOW ON SP232 SIZE 331K;

CREATE DSI ORDERS_464_DSI
DSO ORDERS_DSO
USING(5094,5104)
ALLOCATE PRIME ON SP232 SIZE 27992K,
OVERFLOW ON SP232 SIZE 331K;

CREATE DSI ORDERS_465_DSI
DSO ORDERS_DSO
USING(5105,5115)
ALLOCATE PRIME ON SP233 SIZE 27992K,
OVERFLOW ON SP233 SIZE 331K;

CREATE DSI ORDERS_466_DSI
DSO ORDERS_DSO
USING(5116,5126)
ALLOCATE PRIME ON SP233 SIZE 27992K,
OVERFLOW ON SP233 SIZE 331K;

CREATE DSI ORDERS_467_DSI
DSO ORDERS_DSO
USING(5127,5137)
ALLOCATE PRIME ON SP234 SIZE 27992K,
OVERFLOW ON SP234 SIZE 331K;

CREATE DSI ORDERS_468_DSI
DSO ORDERS_DSO
USING(5138,5148)
ALLOCATE PRIME ON SP234 SIZE 27992K,
OVERFLOW ON SP234 SIZE 331K;

CREATE DSI ORDERS_469_DSI
DSO ORDERS_DSO
USING(5149,5159)
ALLOCATE PRIME ON SP235 SIZE 27992K,
OVERFLOW ON SP235 SIZE 331K;

CREATE DSI ORDERS_470_DSI
DSO ORDERS_DSO
USING(5160,5170)
ALLOCATE PRIME ON SP235 SIZE 27992K,
OVERFLOW ON SP235 SIZE 331K;

CREATE DSI ORDERS_471_DSI
DSO ORDERS_DSO
USING(5171,5181)
ALLOCATE PRIME ON SP236 SIZE 27992K,
```

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OVERFLOW ON SP236 SIZE 331K;

CREATE DSI ORDERS_472_DSI
DSO ORDERS_DSO
USING(5182,5192)
ALLOCATE PRIME ON SP236 SIZE 27992K,
OVERFLOW ON SP236 SIZE 331K;

CREATE DSI ORDERS_473_DSI
DSO ORDERS_DSO
USING(5193,5203)
ALLOCATE PRIME ON SP237 SIZE 27992K,
OVERFLOW ON SP237 SIZE 331K;

CREATE DSI ORDERS_474_DSI
DSO ORDERS_DSO
USING(5204,5214)
ALLOCATE PRIME ON SP237 SIZE 27992K,
OVERFLOW ON SP237 SIZE 331K;

CREATE DSI ORDERS_475_DSI
DSO ORDERS_DSO
USING(5215,5225)
ALLOCATE PRIME ON SP238 SIZE 27992K,
OVERFLOW ON SP238 SIZE 331K;

CREATE DSI ORDERS_476_DSI
DSO ORDERS_DSO
USING(5226,5236)
ALLOCATE PRIME ON SP238 SIZE 27992K,
OVERFLOW ON SP238 SIZE 331K;

CREATE DSI ORDERS_477_DSI
DSO ORDERS_DSO
USING(5237,5247)
ALLOCATE PRIME ON SP239 SIZE 27992K,
OVERFLOW ON SP239 SIZE 331K;

CREATE DSI ORDERS_478_DSI
DSO ORDERS_DSO
USING(5248,5258)
ALLOCATE PRIME ON SP239 SIZE 27992K,
OVERFLOW ON SP239 SIZE 331K;

CREATE DSI ORDERS_479_DSI
DSO ORDERS_DSO
USING(5259,5269)
ALLOCATE PRIME ON SP240 SIZE 27992K,
OVERFLOW ON SP240 SIZE 331K;

CREATE DSI ORDERS_480_DSI
DSO ORDERS_DSO
USING(5270,5280)
ALLOCATE PRIME ON SP240 SIZE 27992K,
OVERFLOW ON SP240 SIZE 331K;

CREATE DSI ORDERS_481_DSI
DSO ORDERS_DSO
USING(5281,5291)
ALLOCATE PRIME ON SP241 SIZE 27992K,
OVERFLOW ON SP241 SIZE 331K;

CREATE DSI ORDERS_482_DSI
DSO ORDERS_DSO
USING(5292,5302)
ALLOCATE PRIME ON SP241 SIZE 27992K,
OVERFLOW ON SP241 SIZE 331K;

CREATE DSI ORDERS_483_DSI
DSO ORDERS_DSO
USING(5303,5313)
ALLOCATE PRIME ON SP242 SIZE 27992K,
OVERFLOW ON SP242 SIZE 331K;

CREATE DSI ORDERS_484_DSI
DSO ORDERS_DSO
USING(5314,5324)
ALLOCATE PRIME ON SP242 SIZE 27992K,
OVERFLOW ON SP242 SIZE 331K;

CREATE DSI ORDERS_485_DSI
DSO ORDERS_DSO
USING(5325,5335)
ALLOCATE PRIME ON SP243 SIZE 27992K,
OVERFLOW ON SP243 SIZE 331K;

CREATE DSI ORDERS_486_DSI
DSO ORDERS_DSO
USING(5336,5346)
ALLOCATE PRIME ON SP243 SIZE 27992K,
OVERFLOW ON SP243 SIZE 331K;

CREATE DSI ORDERS_487_DSI
DSO ORDERS_DSO
USING(5347,5357)
ALLOCATE PRIME ON SP244 SIZE 27992K,
OVERFLOW ON SP244 SIZE 331K;

CREATE DSI ORDERS_488_DSI
DSO ORDERS_DSO
USING(5358,5368)
ALLOCATE PRIME ON SP244 SIZE 27992K,
OVERFLOW ON SP244 SIZE 331K;

CREATE DSI ORDERS_489_DSI
DSO ORDERS_DSO
USING(5369,5379)
ALLOCATE PRIME ON SP245 SIZE 27992K,
OVERFLOW ON SP245 SIZE 331K;

CREATE DSI ORDERS_490_DSI
DSO ORDERS_DSO
USING(5380,5390)
ALLOCATE PRIME ON SP245 SIZE 27992K,
OVERFLOW ON SP245 SIZE 331K;

CREATE DSI ORDERS_491_DSI
DSO ORDERS_DSO
USING(5391,5401)
ALLOCATE PRIME ON SP246 SIZE 27992K,
OVERFLOW ON SP246 SIZE 331K;

CREATE DSI ORDERS_492_DSI
DSO ORDERS_DSO
USING(5402,5412)
ALLOCATE PRIME ON SP246 SIZE 27992K,
OVERFLOW ON SP246 SIZE 331K;

```

```

OVERFLOW ON SP246 SIZE 331K;

CREATE DSI ORDERS_493_DSI
DSO ORDERS_DSO
USING(5413,5423)
ALLOCATE PRIME ON SP247 SIZE 27992K,
OVERFLOW ON SP247 SIZE 331K;

CREATE DSI ORDERS_494_DSI
DSO ORDERS_DSO
USING(5424,5434)
ALLOCATE PRIME ON SP247 SIZE 27992K,
OVERFLOW ON SP247 SIZE 331K;

CREATE DSI ORDERS_495_DSI
DSO ORDERS_DSO
USING(5435,5445)
ALLOCATE PRIME ON SP248 SIZE 27992K,
OVERFLOW ON SP248 SIZE 331K;

CREATE DSI ORDERS_496_DSI
DSO ORDERS_DSO
USING(5446,5456)
ALLOCATE PRIME ON SP248 SIZE 27992K,
OVERFLOW ON SP248 SIZE 331K;

CREATE DSI ORDERS_497_DSI
DSO ORDERS_DSO
USING(5457,5467)
ALLOCATE PRIME ON SP249 SIZE 27992K,
OVERFLOW ON SP249 SIZE 331K;

CREATE DSI ORDERS_498_DSI
DSO ORDERS_DSO
USING(5468,5478)
ALLOCATE PRIME ON SP249 SIZE 27992K,
OVERFLOW ON SP249 SIZE 331K;

CREATE DSI ORDERS_499_DSI
DSO ORDERS_DSO
USING(5479,5489)
ALLOCATE PRIME ON SP250 SIZE 27992K,
OVERFLOW ON SP250 SIZE 331K;

CREATE DSI ORDERS_500_DSI
DSO ORDERS_DSO
USING(5490,5500)
ALLOCATE PRIME ON SP250 SIZE 27992K,
OVERFLOW ON SP250 SIZE 331K;

CREATE DSI ORDERS_501_DSI
DSO ORDERS_DSO
USING(5501,5511)
ALLOCATE PRIME ON SP251 SIZE 27992K,
OVERFLOW ON SP251 SIZE 331K;

CREATE DSI ORDERS_502_DSI
DSO ORDERS_DSO
USING(5512,5522)
ALLOCATE PRIME ON SP251 SIZE 27992K,
OVERFLOW ON SP251 SIZE 331K;

CREATE DSI ORDERS_503_DSI
DSO ORDERS_DSO
USING(5523,5533)
ALLOCATE PRIME ON SP252 SIZE 27992K,
OVERFLOW ON SP252 SIZE 331K;

CREATE DSI ORDERS_504_DSI
DSO ORDERS_DSO
USING(5534,5544)
ALLOCATE PRIME ON SP252 SIZE 27992K,
OVERFLOW ON SP252 SIZE 331K;

CREATE DSI ORDERS_505_DSI
DSO ORDERS_DSO
USING(5545,5555)
ALLOCATE PRIME ON SP253 SIZE 27992K,
OVERFLOW ON SP253 SIZE 331K;

CREATE DSI ORDERS_506_DSI
DSO ORDERS_DSO
USING(5556,5566)
ALLOCATE PRIME ON SP253 SIZE 27992K,
OVERFLOW ON SP253 SIZE 331K;

CREATE DSI ORDERS_507_DSI
DSO ORDERS_DSO
USING(5567,5577)
ALLOCATE PRIME ON SP254 SIZE 27992K,
OVERFLOW ON SP254 SIZE 331K;

CREATE DSI ORDERS_508_DSI
DSO ORDERS_DSO
USING(5578,5588)
ALLOCATE PRIME ON SP254 SIZE 27992K,
OVERFLOW ON SP254 SIZE 331K;

CREATE DSI ORDERS_509_DSI
DSO ORDERS_DSO
USING(5589,5599)
ALLOCATE PRIME ON SP255 SIZE 27992K,
OVERFLOW ON SP255 SIZE 331K;

CREATE DSI ORDERS_510_DSI
DSO ORDERS_DSO
USING(5600,5610)
ALLOCATE PRIME ON SP255 SIZE 27992K,
OVERFLOW ON SP255 SIZE 331K;

CREATE DSI ORDERS_511_DSI
DSO ORDERS_DSO
USING(5611,5621)
ALLOCATE PRIME ON SP256 SIZE 27992K,
OVERFLOW ON SP256 SIZE 331K;

CREATE DSI ORDERS_512_DSI
DSO ORDERS_DSO
USING(5622,5632)
ALLOCATE PRIME ON SP256 SIZE 27992K,
OVERFLOW ON SP256 SIZE 331K;

CREATE DSI ORDERS_513_DSI
DSO ORDERS_DSO
USING(5633,5643)
ALLOCATE PRIME ON SP257 SIZE 27992K,
OVERFLOW ON SP257 SIZE 331K;

```

```

OVERFLOW ON SP257 SIZE 331K;

CREATE DSI ORDERS_514_DSI
  DSO ORDERS_DSO
  USING(5644,5654)
  ALLOCATE PRIME ON SP257 SIZE 27992K,
  OVERFLOW ON SP257 SIZE 331K;

CREATE DSI ORDERS_515_DSI
  DSO ORDERS_DSO
  USING(5655,5665)
  ALLOCATE PRIME ON SP258 SIZE 27992K,
  OVERFLOW ON SP258 SIZE 331K;

CREATE DSI ORDERS_516_DSI
  DSO ORDERS_DSO
  USING(5666,5676)
  ALLOCATE PRIME ON SP258 SIZE 27992K,
  OVERFLOW ON SP258 SIZE 331K;

CREATE DSI ORDERS_517_DSI
  DSO ORDERS_DSO
  USING(5677,5687)
  ALLOCATE PRIME ON SP259 SIZE 27992K,
  OVERFLOW ON SP259 SIZE 331K;

CREATE DSI ORDERS_518_DSI
  DSO ORDERS_DSO
  USING(5688,5698)
  ALLOCATE PRIME ON SP259 SIZE 27992K,
  OVERFLOW ON SP259 SIZE 331K;

CREATE DSI ORDERS_519_DSI
  DSO ORDERS_DSO
  USING(5699,5709)
  ALLOCATE PRIME ON SP260 SIZE 27992K,
  OVERFLOW ON SP260 SIZE 331K;

CREATE DSI ORDERS_520_DSI
  DSO ORDERS_DSO
  USING(5710,11440)
  ALLOCATE PRIME ON SP260 SIZE 27992K,
  OVERFLOW ON SP260 SIZE 331K;

-----
-- * Phase.2-8: Stock
-----
CREATE DSO STOCK_DSO
  FROM TPCC_SCHEMA.STOCK
  TYPE RANDOM(PAGESIZE1(4),PAGESIZE2(1),
  RULE(S_I_ID*4+(S_W_ID-1)/11+(S_W_ID-
S_W_ID/11*11)*400000))
  WHERE (S_W_ID) BETWEEN (?) AND (?);

CREATE DSI STOCK_1_DSI
  DSO STOCK_DSO
  USING(1,44)
  ALLOCATE PRIME ON SP1 SIZE 192004K
  SP261 SIZE 608000K
  SP2 SIZE 192000K
  SP262 SIZE 608000K,
  OVERFLOW ON SP261 SIZE 80001K;

CREATE DSI STOCK_2_DSI
  DSO STOCK_DSO
  USING(45,88)
  ALLOCATE PRIME ON SP3 SIZE 192004K
  SP261 SIZE 608000K
  SP4 SIZE 192000K
  SP262 SIZE 608000K,
  OVERFLOW ON SP262 SIZE 80001K;

CREATE DSI STOCK_3_DSI
  DSO STOCK_DSO
  USING(89,132)
  ALLOCATE PRIME ON SP5 SIZE 192004K
  SP263 SIZE 608000K
  SP6 SIZE 192000K
  SP264 SIZE 608000K,
  OVERFLOW ON SP263 SIZE 80001K;

CREATE DSI STOCK_4_DSI
  DSO STOCK_DSO
  USING(133,176)
  ALLOCATE PRIME ON SP7 SIZE 192004K
  SP263 SIZE 608000K
  SP8 SIZE 192000K
  SP264 SIZE 608000K,
  OVERFLOW ON SP264 SIZE 80001K;

CREATE DSI STOCK_5_DSI
  DSO STOCK_DSO
  USING(177,220)
  ALLOCATE PRIME ON SP9 SIZE 192004K
  SP265 SIZE 608000K
  SP10 SIZE 192000K
  SP266 SIZE 608000K,
  OVERFLOW ON SP265 SIZE 80001K;

CREATE DSI STOCK_6_DSI
  DSO STOCK_DSO
  USING(221,264)
  ALLOCATE PRIME ON SP11 SIZE 192004K
  SP265 SIZE 608000K
  SP12 SIZE 192000K
  SP266 SIZE 608000K,
  OVERFLOW ON SP266 SIZE 80001K;

CREATE DSI STOCK_7_DSI
  DSO STOCK_DSO
  USING(265,308)
  ALLOCATE PRIME ON SP13 SIZE 192004K
  SP267 SIZE 608000K
  SP14 SIZE 192000K
  SP268 SIZE 608000K,
  OVERFLOW ON SP267 SIZE 80001K;

CREATE DSI STOCK_8_DSI
  DSO STOCK_DSO
  USING(309,352)
  ALLOCATE PRIME ON SP15 SIZE 192004K
  SP267 SIZE 608000K
  SP16 SIZE 192000K
  SP268 SIZE 608000K,
  OVERFLOW ON SP268 SIZE 80001K;

```

```

CREATE DSI STOCK_9_DSI
DSO STOCK_DSO
USING(353,396)
ALLOCATE PRIME ON SP17 SIZE 192004K
                SP269 SIZE 608000K
                SP18 SIZE 192000K
                SP270 SIZE 608000K,
OVERFLOW ON SP269 SIZE 80001K;

```

```

CREATE DSI STOCK_10_DSI
DSO STOCK_DSO
USING(397,440)
ALLOCATE PRIME ON SP19 SIZE 192004K
                SP269 SIZE 608000K
                SP20 SIZE 192000K
                SP270 SIZE 608000K,
OVERFLOW ON SP270 SIZE 80001K;

```

```

CREATE DSI STOCK_11_DSI
DSO STOCK_DSO
USING(441,484)
ALLOCATE PRIME ON SP21 SIZE 192004K
                SP271 SIZE 608000K
                SP22 SIZE 192000K
                SP272 SIZE 608000K,
OVERFLOW ON SP271 SIZE 80001K;

```

```

CREATE DSI STOCK_12_DSI
DSO STOCK_DSO
USING(485,528)
ALLOCATE PRIME ON SP23 SIZE 192004K
                SP271 SIZE 608000K
                SP24 SIZE 192000K
                SP272 SIZE 608000K,
OVERFLOW ON SP272 SIZE 80001K;

```

```

CREATE DSI STOCK_13_DSI
DSO STOCK_DSO
USING(529,572)
ALLOCATE PRIME ON SP25 SIZE 192004K
                SP273 SIZE 608000K
                SP26 SIZE 192000K
                SP274 SIZE 608000K,
OVERFLOW ON SP273 SIZE 80001K;

```

```

CREATE DSI STOCK_14_DSI
DSO STOCK_DSO
USING(573,616)
ALLOCATE PRIME ON SP27 SIZE 192004K
                SP273 SIZE 608000K
                SP28 SIZE 192000K
                SP274 SIZE 608000K,
OVERFLOW ON SP274 SIZE 80001K;

```

```

CREATE DSI STOCK_15_DSI
DSO STOCK_DSO
USING(617,660)
ALLOCATE PRIME ON SP29 SIZE 192004K
                SP275 SIZE 608000K
                SP30 SIZE 192000K
                SP276 SIZE 608000K,
OVERFLOW ON SP275 SIZE 80001K;

```

```

CREATE DSI STOCK_16_DSI
DSO STOCK_DSO
USING(661,704)
ALLOCATE PRIME ON SP31 SIZE 192004K
                SP275 SIZE 608000K
                SP32 SIZE 192000K
                SP276 SIZE 608000K,
OVERFLOW ON SP276 SIZE 80001K;

```

```

CREATE DSI STOCK_17_DSI
DSO STOCK_DSO
USING(705,748)
ALLOCATE PRIME ON SP33 SIZE 192004K
                SP277 SIZE 608000K
                SP34 SIZE 192000K
                SP278 SIZE 608000K,
OVERFLOW ON SP277 SIZE 80001K;

```

```

CREATE DSI STOCK_18_DSI
DSO STOCK_DSO
USING(749,792)
ALLOCATE PRIME ON SP35 SIZE 192004K
                SP277 SIZE 608000K
                SP36 SIZE 192000K
                SP278 SIZE 608000K,
OVERFLOW ON SP278 SIZE 80001K;

```

```

CREATE DSI STOCK_19_DSI
DSO STOCK_DSO
USING(793,836)
ALLOCATE PRIME ON SP37 SIZE 192004K
                SP279 SIZE 608000K
                SP38 SIZE 192000K
                SP280 SIZE 608000K,
OVERFLOW ON SP279 SIZE 80001K;

```

```

CREATE DSI STOCK_20_DSI
DSO STOCK_DSO
USING(837,880)
ALLOCATE PRIME ON SP39 SIZE 192004K
                SP279 SIZE 608000K
                SP40 SIZE 192000K
                SP280 SIZE 608000K,
OVERFLOW ON SP280 SIZE 80001K;

```

```

CREATE DSI STOCK_21_DSI
DSO STOCK_DSO
USING(881,924)
ALLOCATE PRIME ON SP41 SIZE 192004K
                SP281 SIZE 608000K
                SP42 SIZE 192000K
                SP282 SIZE 608000K,
OVERFLOW ON SP281 SIZE 80001K;

```

```

CREATE DSI STOCK_22_DSI
DSO STOCK_DSO
USING(925,968)
ALLOCATE PRIME ON SP43 SIZE 192004K
                SP281 SIZE 608000K
                SP44 SIZE 192000K
                SP282 SIZE 608000K,
OVERFLOW ON SP282 SIZE 80001K;

```



```

CREATE DSI STOCK_23_DSI
DSO STOCK_DSO
USING(969,1012)
ALLOCATE PRIME ON SP45 SIZE 192004K
                SP283 SIZE 608000K
                SP46 SIZE 192000K
                SP284 SIZE 608000K,
OVERFLOW ON SP283 SIZE 80001K;

```

```

CREATE DSI STOCK_24_DSI
DSO STOCK_DSO
USING(1013,1056)
ALLOCATE PRIME ON SP47 SIZE 192004K
                SP283 SIZE 608000K
                SP48 SIZE 192000K
                SP284 SIZE 608000K,
OVERFLOW ON SP284 SIZE 80001K;

```

```

CREATE DSI STOCK_25_DSI
DSO STOCK_DSO
USING(1057,1100)
ALLOCATE PRIME ON SP49 SIZE 192004K
                SP285 SIZE 608000K
                SP50 SIZE 192000K
                SP286 SIZE 608000K,
OVERFLOW ON SP285 SIZE 80001K;

```

```

CREATE DSI STOCK_26_DSI
DSO STOCK_DSO
USING(1101,1144)
ALLOCATE PRIME ON SP51 SIZE 192004K
                SP285 SIZE 608000K
                SP52 SIZE 192000K
                SP286 SIZE 608000K,
OVERFLOW ON SP286 SIZE 80001K;

```

```

CREATE DSI STOCK_27_DSI
DSO STOCK_DSO
USING(1145,1188)
ALLOCATE PRIME ON SP53 SIZE 192004K
                SP287 SIZE 608000K
                SP54 SIZE 192000K
                SP288 SIZE 608000K,
OVERFLOW ON SP287 SIZE 80001K;

```

```

CREATE DSI STOCK_28_DSI
DSO STOCK_DSO
USING(1189,1232)
ALLOCATE PRIME ON SP55 SIZE 192004K
                SP287 SIZE 608000K
                SP56 SIZE 192000K
                SP288 SIZE 608000K,
OVERFLOW ON SP288 SIZE 80001K;

```

```

CREATE DSI STOCK_29_DSI
DSO STOCK_DSO
USING(1233,1276)
ALLOCATE PRIME ON SP57 SIZE 192004K
                SP289 SIZE 608000K
                SP58 SIZE 192000K
                SP290 SIZE 608000K,
OVERFLOW ON SP289 SIZE 80001K;

```

```

CREATE DSI STOCK_30_DSI
DSO STOCK_DSO
USING(1277,1320)
ALLOCATE PRIME ON SP59 SIZE 192004K
                SP289 SIZE 608000K
                SP60 SIZE 192000K
                SP290 SIZE 608000K,
OVERFLOW ON SP290 SIZE 80001K;

```

```

CREATE DSI STOCK_31_DSI
DSO STOCK_DSO
USING(1321,1364)
ALLOCATE PRIME ON SP61 SIZE 192004K
                SP291 SIZE 608000K
                SP62 SIZE 192000K
                SP292 SIZE 608000K,
OVERFLOW ON SP291 SIZE 80001K;

```

```

CREATE DSI STOCK_32_DSI
DSO STOCK_DSO
USING(1365,1408)
ALLOCATE PRIME ON SP63 SIZE 192004K
                SP291 SIZE 608000K
                SP64 SIZE 192000K
                SP292 SIZE 608000K,
OVERFLOW ON SP292 SIZE 80001K;

```

```

CREATE DSI STOCK_33_DSI
DSO STOCK_DSO
USING(1409,1452)
ALLOCATE PRIME ON SP65 SIZE 192004K
                SP293 SIZE 608000K
                SP66 SIZE 192000K
                SP294 SIZE 608000K,
OVERFLOW ON SP293 SIZE 80001K;

```

```

CREATE DSI STOCK_34_DSI
DSO STOCK_DSO
USING(1453,1496)
ALLOCATE PRIME ON SP67 SIZE 192004K
                SP293 SIZE 608000K
                SP68 SIZE 192000K
                SP294 SIZE 608000K,
OVERFLOW ON SP294 SIZE 80001K;

```

```

CREATE DSI STOCK_35_DSI
DSO STOCK_DSO
USING(1497,1540)
ALLOCATE PRIME ON SP69 SIZE 192004K
                SP295 SIZE 608000K
                SP70 SIZE 192000K
                SP296 SIZE 608000K,
OVERFLOW ON SP295 SIZE 80001K;

```

```

CREATE DSI STOCK_36_DSI
DSO STOCK_DSO
USING(1541,1584)
ALLOCATE PRIME ON SP71 SIZE 192004K
                SP295 SIZE 608000K
                SP72 SIZE 192000K
                SP296 SIZE 608000K,
OVERFLOW ON SP296 SIZE 80001K;

```

```

CREATE DSI STOCK_37_DSI
DSO STOCK_DSO
USING(1585,1628)
ALLOCATE PRIME ON SP73 SIZE 192004K
                SP297 SIZE 608000K
                SP74 SIZE 192000K
                SP298 SIZE 608000K,
OVERFLOW ON SP297 SIZE 80001K;

```

```

CREATE DSI STOCK_38_DSI
DSO STOCK_DSO
USING(1629,1672)
ALLOCATE PRIME ON SP75 SIZE 192004K
                SP297 SIZE 608000K
                SP76 SIZE 192000K
                SP298 SIZE 608000K,
OVERFLOW ON SP298 SIZE 80001K;

```

```

CREATE DSI STOCK_39_DSI
DSO STOCK_DSO
USING(1673,1716)
ALLOCATE PRIME ON SP77 SIZE 192004K
                SP299 SIZE 608000K
                SP78 SIZE 192000K
                SP300 SIZE 608000K,
OVERFLOW ON SP299 SIZE 80001K;

```

```

CREATE DSI STOCK_40_DSI
DSO STOCK_DSO
USING(1717,1760)
ALLOCATE PRIME ON SP79 SIZE 192004K
                SP299 SIZE 608000K
                SP80 SIZE 192000K
                SP300 SIZE 608000K,
OVERFLOW ON SP300 SIZE 80001K;

```

```

CREATE DSI STOCK_41_DSI
DSO STOCK_DSO
USING(1761,1804)
ALLOCATE PRIME ON SP81 SIZE 192004K
                SP301 SIZE 608000K
                SP82 SIZE 192000K
                SP302 SIZE 608000K,
OVERFLOW ON SP301 SIZE 80001K;

```

```

CREATE DSI STOCK_42_DSI
DSO STOCK_DSO
USING(1805,1848)
ALLOCATE PRIME ON SP83 SIZE 192004K
                SP301 SIZE 608000K
                SP84 SIZE 192000K
                SP302 SIZE 608000K,
OVERFLOW ON SP302 SIZE 80001K;

```

```

CREATE DSI STOCK_43_DSI
DSO STOCK_DSO
USING(1849,1892)
ALLOCATE PRIME ON SP85 SIZE 192004K
                SP303 SIZE 608000K
                SP86 SIZE 192000K
                SP304 SIZE 608000K,
OVERFLOW ON SP303 SIZE 80001K;

```

```

CREATE DSI STOCK_44_DSI
DSO STOCK_DSO
USING(1893,1936)
ALLOCATE PRIME ON SP87 SIZE 192004K
                SP303 SIZE 608000K
                SP88 SIZE 192000K
                SP304 SIZE 608000K,
OVERFLOW ON SP304 SIZE 80001K;

```

```

CREATE DSI STOCK_45_DSI
DSO STOCK_DSO
USING(1937,1980)
ALLOCATE PRIME ON SP89 SIZE 192004K
                SP305 SIZE 608000K
                SP90 SIZE 192000K
                SP306 SIZE 608000K,
OVERFLOW ON SP305 SIZE 80001K;

```

```

CREATE DSI STOCK_46_DSI
DSO STOCK_DSO
USING(1981,2024)
ALLOCATE PRIME ON SP91 SIZE 192004K
                SP305 SIZE 608000K
                SP92 SIZE 192000K
                SP306 SIZE 608000K,
OVERFLOW ON SP306 SIZE 80001K;

```

```

CREATE DSI STOCK_47_DSI
DSO STOCK_DSO
USING(2025,2068)
ALLOCATE PRIME ON SP93 SIZE 192004K
                SP307 SIZE 608000K
                SP94 SIZE 192000K
                SP308 SIZE 608000K,
OVERFLOW ON SP307 SIZE 80001K;

```

```

CREATE DSI STOCK_48_DSI
DSO STOCK_DSO
USING(2069,2112)
ALLOCATE PRIME ON SP95 SIZE 192004K
                SP307 SIZE 608000K
                SP96 SIZE 192000K
                SP308 SIZE 608000K,
OVERFLOW ON SP308 SIZE 80001K;

```

```

CREATE DSI STOCK_49_DSI
DSO STOCK_DSO
USING(2113,2156)
ALLOCATE PRIME ON SP97 SIZE 192004K
                SP309 SIZE 608000K
                SP98 SIZE 192000K
                SP310 SIZE 608000K,
OVERFLOW ON SP309 SIZE 80001K;

```

```

CREATE DSI STOCK_50_DSI
DSO STOCK_DSO
USING(2157,2200)
ALLOCATE PRIME ON SP99 SIZE 192004K
                SP309 SIZE 608000K
                SP100 SIZE 192000K
                SP310 SIZE 608000K,
OVERFLOW ON SP310 SIZE 80001K;

```

```

CREATE DSI STOCK_51_DSI
DSO STOCK_DSO
USING(2201,2244)
ALLOCATE PRIME ON SP101 SIZE 192004K
                SP311 SIZE 608000K
                SP102 SIZE 192000K
                SP312 SIZE 608000K,
OVERFLOW ON SP311 SIZE 80001K;

```

```

CREATE DSI STOCK_52_DSI
DSO STOCK_DSO
USING(2245,2288)
ALLOCATE PRIME ON SP103 SIZE 192004K
                SP311 SIZE 608000K
                SP104 SIZE 192000K
                SP312 SIZE 608000K,
OVERFLOW ON SP312 SIZE 80001K;

```

```

CREATE DSI STOCK_53_DSI
DSO STOCK_DSO
USING(2289,2332)
ALLOCATE PRIME ON SP105 SIZE 192004K
                SP313 SIZE 608000K
                SP106 SIZE 192000K
                SP314 SIZE 608000K,
OVERFLOW ON SP313 SIZE 80001K;

```

```

CREATE DSI STOCK_54_DSI
DSO STOCK_DSO
USING(2333,2376)
ALLOCATE PRIME ON SP107 SIZE 192004K
                SP313 SIZE 608000K
                SP108 SIZE 192000K
                SP314 SIZE 608000K,
OVERFLOW ON SP314 SIZE 80001K;

```

```

CREATE DSI STOCK_55_DSI
DSO STOCK_DSO
USING(2377,2420)
ALLOCATE PRIME ON SP109 SIZE 192004K
                SP315 SIZE 608000K
                SP110 SIZE 192000K
                SP316 SIZE 608000K,
OVERFLOW ON SP315 SIZE 80001K;

```

```

CREATE DSI STOCK_56_DSI
DSO STOCK_DSO
USING(2421,2464)
ALLOCATE PRIME ON SP111 SIZE 192004K
                SP315 SIZE 608000K
                SP112 SIZE 192000K
                SP316 SIZE 608000K,
OVERFLOW ON SP316 SIZE 80001K;

```

```

CREATE DSI STOCK_57_DSI
DSO STOCK_DSO
USING(2465,2508)
ALLOCATE PRIME ON SP113 SIZE 192004K
                SP317 SIZE 608000K
                SP114 SIZE 192000K
                SP318 SIZE 608000K,
OVERFLOW ON SP317 SIZE 80001K;

```

```

CREATE DSI STOCK_58_DSI
DSO STOCK_DSO
USING(2509,2552)
ALLOCATE PRIME ON SP115 SIZE 192004K
                SP317 SIZE 608000K
                SP116 SIZE 192000K
                SP318 SIZE 608000K,
OVERFLOW ON SP318 SIZE 80001K;

```

```

CREATE DSI STOCK_59_DSI
DSO STOCK_DSO
USING(2553,2596)
ALLOCATE PRIME ON SP117 SIZE 192004K
                SP319 SIZE 608000K
                SP118 SIZE 192000K
                SP320 SIZE 608000K,
OVERFLOW ON SP319 SIZE 80001K;

```

```

CREATE DSI STOCK_60_DSI
DSO STOCK_DSO
USING(2597,2640)
ALLOCATE PRIME ON SP119 SIZE 192004K
                SP319 SIZE 608000K
                SP120 SIZE 192000K
                SP320 SIZE 608000K,
OVERFLOW ON SP320 SIZE 80001K;

```

```

CREATE DSI STOCK_61_DSI
DSO STOCK_DSO
USING(2641,2684)
ALLOCATE PRIME ON SP121 SIZE 192004K
                SP321 SIZE 608000K
                SP122 SIZE 192000K
                SP322 SIZE 608000K,
OVERFLOW ON SP321 SIZE 80001K;

```

```

CREATE DSI STOCK_62_DSI
DSO STOCK_DSO
USING(2685,2728)
ALLOCATE PRIME ON SP123 SIZE 192004K
                SP321 SIZE 608000K
                SP124 SIZE 192000K
                SP322 SIZE 608000K,
OVERFLOW ON SP322 SIZE 80001K;

```

```

CREATE DSI STOCK_63_DSI
DSO STOCK_DSO
USING(2729,2772)
ALLOCATE PRIME ON SP125 SIZE 192004K
                SP323 SIZE 608000K
                SP126 SIZE 192000K
                SP324 SIZE 608000K,
OVERFLOW ON SP323 SIZE 80001K;

```

```

CREATE DSI STOCK_64_DSI
DSO STOCK_DSO
USING(2773,2816)
ALLOCATE PRIME ON SP127 SIZE 192004K
                SP323 SIZE 608000K
                SP128 SIZE 192000K
                SP324 SIZE 608000K,
OVERFLOW ON SP324 SIZE 80001K;

```

```
CREATE DSI STOCK_65_DSI
DSO STOCK_DSO
USING(2817,2860)
ALLOCATE PRIME ON SP129 SIZE 192004K
                SP325 SIZE 608000K
                SP130 SIZE 192000K
                SP326 SIZE 608000K,
OVERFLOW ON SP325 SIZE 80001K;
```

```
CREATE DSI STOCK_66_DSI
DSO STOCK_DSO
USING(2861,2904)
ALLOCATE PRIME ON SP131 SIZE 192004K
                SP325 SIZE 608000K
                SP132 SIZE 192000K
                SP326 SIZE 608000K,
OVERFLOW ON SP326 SIZE 80001K;
```

```
CREATE DSI STOCK_67_DSI
DSO STOCK_DSO
USING(2905,2948)
ALLOCATE PRIME ON SP133 SIZE 192004K
                SP327 SIZE 608000K
                SP134 SIZE 192000K
                SP328 SIZE 608000K,
OVERFLOW ON SP327 SIZE 80001K;
```

```
CREATE DSI STOCK_68_DSI
DSO STOCK_DSO
USING(2949,2992)
ALLOCATE PRIME ON SP135 SIZE 192004K
                SP327 SIZE 608000K
                SP136 SIZE 192000K
                SP328 SIZE 608000K,
OVERFLOW ON SP328 SIZE 80001K;
```

```
CREATE DSI STOCK_69_DSI
DSO STOCK_DSO
USING(2993,3036)
ALLOCATE PRIME ON SP137 SIZE 192004K
                SP329 SIZE 608000K
                SP138 SIZE 192000K
                SP330 SIZE 608000K,
OVERFLOW ON SP329 SIZE 80001K;
```

```
CREATE DSI STOCK_70_DSI
DSO STOCK_DSO
USING(3037,3080)
ALLOCATE PRIME ON SP139 SIZE 192004K
                SP329 SIZE 608000K
                SP140 SIZE 192000K
                SP330 SIZE 608000K,
OVERFLOW ON SP330 SIZE 80001K;
```

```
CREATE DSI STOCK_71_DSI
DSO STOCK_DSO
USING(3081,3124)
ALLOCATE PRIME ON SP141 SIZE 192004K
                SP331 SIZE 608000K
                SP142 SIZE 192000K
                SP332 SIZE 608000K,
OVERFLOW ON SP331 SIZE 80001K;
```

```
CREATE DSI STOCK_72_DSI
DSO STOCK_DSO
USING(3125,3168)
ALLOCATE PRIME ON SP143 SIZE 192004K
                SP331 SIZE 608000K
                SP144 SIZE 192000K
                SP332 SIZE 608000K,
OVERFLOW ON SP332 SIZE 80001K;
```

```
CREATE DSI STOCK_73_DSI
DSO STOCK_DSO
USING(3169,3212)
ALLOCATE PRIME ON SP145 SIZE 192004K
                SP333 SIZE 608000K
                SP146 SIZE 192000K
                SP334 SIZE 608000K,
OVERFLOW ON SP333 SIZE 80001K;
```

```
CREATE DSI STOCK_74_DSI
DSO STOCK_DSO
USING(3213,3256)
ALLOCATE PRIME ON SP147 SIZE 192004K
                SP333 SIZE 608000K
                SP148 SIZE 192000K
                SP334 SIZE 608000K,
OVERFLOW ON SP334 SIZE 80001K;
```

```
CREATE DSI STOCK_75_DSI
DSO STOCK_DSO
USING(3257,3300)
ALLOCATE PRIME ON SP149 SIZE 192004K
                SP335 SIZE 608000K
                SP150 SIZE 192000K
                SP336 SIZE 608000K,
OVERFLOW ON SP335 SIZE 80001K;
```

```
CREATE DSI STOCK_76_DSI
DSO STOCK_DSO
USING(3301,3344)
ALLOCATE PRIME ON SP151 SIZE 192004K
                SP335 SIZE 608000K
                SP152 SIZE 192000K
                SP336 SIZE 608000K,
OVERFLOW ON SP336 SIZE 80001K;
```

```
CREATE DSI STOCK_77_DSI
DSO STOCK_DSO
USING(3345,3388)
ALLOCATE PRIME ON SP153 SIZE 192004K
                SP337 SIZE 608000K
                SP154 SIZE 192000K
                SP338 SIZE 608000K,
OVERFLOW ON SP337 SIZE 80001K;
```

```
CREATE DSI STOCK_78_DSI
DSO STOCK_DSO
USING(3389,3432)
ALLOCATE PRIME ON SP155 SIZE 192004K
                SP337 SIZE 608000K
                SP156 SIZE 192000K
                SP338 SIZE 608000K,
OVERFLOW ON SP338 SIZE 80001K;
```

```

CREATE DSI STOCK_79_DSI
DSO STOCK_DSO
USING(3433,3476)
ALLOCATE PRIME ON SP157 SIZE 192004K
                SP339 SIZE 608000K
                SP158 SIZE 192000K
                SP340 SIZE 608000K,
OVERFLOW ON SP339 SIZE 80001K;

```

```

CREATE DSI STOCK_80_DSI
DSO STOCK_DSO
USING(3477,3520)
ALLOCATE PRIME ON SP159 SIZE 192004K
                SP339 SIZE 608000K
                SP160 SIZE 192000K
                SP340 SIZE 608000K,
OVERFLOW ON SP340 SIZE 80001K;

```

```

CREATE DSI STOCK_81_DSI
DSO STOCK_DSO
USING(3521,3564)
ALLOCATE PRIME ON SP161 SIZE 192004K
                SP341 SIZE 608000K
                SP162 SIZE 192000K
                SP342 SIZE 608000K,
OVERFLOW ON SP341 SIZE 80001K;

```

```

CREATE DSI STOCK_82_DSI
DSO STOCK_DSO
USING(3565,3608)
ALLOCATE PRIME ON SP163 SIZE 192004K
                SP341 SIZE 608000K
                SP164 SIZE 192000K
                SP342 SIZE 608000K,
OVERFLOW ON SP342 SIZE 80001K;

```

```

CREATE DSI STOCK_83_DSI
DSO STOCK_DSO
USING(3609,3652)
ALLOCATE PRIME ON SP165 SIZE 192004K
                SP343 SIZE 608000K
                SP166 SIZE 192000K
                SP344 SIZE 608000K,
OVERFLOW ON SP343 SIZE 80001K;

```

```

CREATE DSI STOCK_84_DSI
DSO STOCK_DSO
USING(3653,3696)
ALLOCATE PRIME ON SP167 SIZE 192004K
                SP343 SIZE 608000K
                SP168 SIZE 192000K
                SP344 SIZE 608000K,
OVERFLOW ON SP344 SIZE 80001K;

```

```

CREATE DSI STOCK_85_DSI
DSO STOCK_DSO
USING(3697,3740)
ALLOCATE PRIME ON SP169 SIZE 192004K
                SP345 SIZE 608000K
                SP170 SIZE 192000K
                SP346 SIZE 608000K,
OVERFLOW ON SP345 SIZE 80001K;

```

```

CREATE DSI STOCK_86_DSI
DSO STOCK_DSO
USING(3741,3784)
ALLOCATE PRIME ON SP171 SIZE 192004K
                SP345 SIZE 608000K
                SP172 SIZE 192000K
                SP346 SIZE 608000K,
OVERFLOW ON SP346 SIZE 80001K;

```

```

CREATE DSI STOCK_87_DSI
DSO STOCK_DSO
USING(3785,3828)
ALLOCATE PRIME ON SP173 SIZE 192004K
                SP347 SIZE 608000K
                SP174 SIZE 192000K
                SP348 SIZE 608000K,
OVERFLOW ON SP347 SIZE 80001K;

```

```

CREATE DSI STOCK_88_DSI
DSO STOCK_DSO
USING(3829,3872)
ALLOCATE PRIME ON SP175 SIZE 192004K
                SP347 SIZE 608000K
                SP176 SIZE 192000K
                SP348 SIZE 608000K,
OVERFLOW ON SP348 SIZE 80001K;

```

```

CREATE DSI STOCK_89_DSI
DSO STOCK_DSO
USING(3873,3916)
ALLOCATE PRIME ON SP177 SIZE 192004K
                SP349 SIZE 608000K
                SP178 SIZE 192000K
                SP350 SIZE 608000K,
OVERFLOW ON SP349 SIZE 80001K;

```

```

CREATE DSI STOCK_90_DSI
DSO STOCK_DSO
USING(3917,3960)
ALLOCATE PRIME ON SP179 SIZE 192004K
                SP349 SIZE 608000K
                SP180 SIZE 192000K
                SP350 SIZE 608000K,
OVERFLOW ON SP350 SIZE 80001K;

```

```

CREATE DSI STOCK_91_DSI
DSO STOCK_DSO
USING(3961,4004)
ALLOCATE PRIME ON SP181 SIZE 192004K
                SP351 SIZE 608000K
                SP182 SIZE 192000K
                SP352 SIZE 608000K,
OVERFLOW ON SP351 SIZE 80001K;

```

```

CREATE DSI STOCK_92_DSI
DSO STOCK_DSO
USING(4005,4048)
ALLOCATE PRIME ON SP183 SIZE 192004K
                SP351 SIZE 608000K
                SP184 SIZE 192000K
                SP352 SIZE 608000K,
OVERFLOW ON SP352 SIZE 80001K;

```

```

CREATE DSI STOCK_93_DSI
DSO STOCK_DSO
USING(4049,4092)
ALLOCATE PRIME ON SP185 SIZE 192004K
                    SP353 SIZE 608000K
                    SP186 SIZE 192000K
                    SP354 SIZE 608000K,
OVERFLOW ON SP353 SIZE 80001K;

```

```

CREATE DSI STOCK_94_DSI
DSO STOCK_DSO
USING(4093,4136)
ALLOCATE PRIME ON SP187 SIZE 192004K
                    SP353 SIZE 608000K
                    SP188 SIZE 192000K
                    SP354 SIZE 608000K,
OVERFLOW ON SP354 SIZE 80001K;

```

```

CREATE DSI STOCK_95_DSI
DSO STOCK_DSO
USING(4137,4180)
ALLOCATE PRIME ON SP189 SIZE 192004K
                    SP355 SIZE 608000K
                    SP190 SIZE 192000K
                    SP356 SIZE 608000K,
OVERFLOW ON SP355 SIZE 80001K;

```

```

CREATE DSI STOCK_96_DSI
DSO STOCK_DSO
USING(4181,4224)
ALLOCATE PRIME ON SP191 SIZE 192004K
                    SP355 SIZE 608000K
                    SP192 SIZE 192000K
                    SP356 SIZE 608000K,
OVERFLOW ON SP356 SIZE 80001K;

```

```

CREATE DSI STOCK_97_DSI
DSO STOCK_DSO
USING(4225,4268)
ALLOCATE PRIME ON SP193 SIZE 192004K
                    SP357 SIZE 608000K
                    SP194 SIZE 192000K
                    SP358 SIZE 608000K,
OVERFLOW ON SP357 SIZE 80001K;

```

```

CREATE DSI STOCK_98_DSI
DSO STOCK_DSO
USING(4269,4312)
ALLOCATE PRIME ON SP195 SIZE 192004K
                    SP357 SIZE 608000K
                    SP196 SIZE 192000K
                    SP358 SIZE 608000K,
OVERFLOW ON SP358 SIZE 80001K;

```

```

CREATE DSI STOCK_99_DSI
DSO STOCK_DSO
USING(4313,4356)
ALLOCATE PRIME ON SP197 SIZE 192004K
                    SP359 SIZE 608000K
                    SP198 SIZE 192000K
                    SP360 SIZE 608000K,
OVERFLOW ON SP359 SIZE 80001K;

```

```

CREATE DSI STOCK_100_DSI
DSO STOCK_DSO
USING(4357,4400)
ALLOCATE PRIME ON SP199 SIZE 192004K
                    SP359 SIZE 608000K
                    SP200 SIZE 192000K
                    SP360 SIZE 608000K,
OVERFLOW ON SP360 SIZE 80001K;

```

```

CREATE DSI STOCK_101_DSI
DSO STOCK_DSO
USING(4401,4444)
ALLOCATE PRIME ON SP201 SIZE 192004K
                    SP361 SIZE 608000K
                    SP202 SIZE 192000K
                    SP362 SIZE 608000K,
OVERFLOW ON SP361 SIZE 80001K;

```

```

CREATE DSI STOCK_102_DSI
DSO STOCK_DSO
USING(4445,4488)
ALLOCATE PRIME ON SP203 SIZE 192004K
                    SP361 SIZE 608000K
                    SP204 SIZE 192000K
                    SP362 SIZE 608000K,
OVERFLOW ON SP362 SIZE 80001K;

```

```

CREATE DSI STOCK_103_DSI
DSO STOCK_DSO
USING(4489,4532)
ALLOCATE PRIME ON SP205 SIZE 192004K
                    SP363 SIZE 608000K
                    SP206 SIZE 192000K
                    SP364 SIZE 608000K,
OVERFLOW ON SP363 SIZE 80001K;

```

```

CREATE DSI STOCK_104_DSI
DSO STOCK_DSO
USING(4533,4576)
ALLOCATE PRIME ON SP207 SIZE 192004K
                    SP363 SIZE 608000K
                    SP208 SIZE 192000K
                    SP364 SIZE 608000K,
OVERFLOW ON SP364 SIZE 80001K;

```

```

CREATE DSI STOCK_105_DSI
DSO STOCK_DSO
USING(4577,4620)
ALLOCATE PRIME ON SP209 SIZE 192004K
                    SP365 SIZE 608000K
                    SP210 SIZE 192000K
                    SP366 SIZE 608000K,
OVERFLOW ON SP365 SIZE 80001K;

```

```

CREATE DSI STOCK_106_DSI
DSO STOCK_DSO
USING(4621,4664)
ALLOCATE PRIME ON SP211 SIZE 192004K
                    SP365 SIZE 608000K
                    SP212 SIZE 192000K
                    SP366 SIZE 608000K,
OVERFLOW ON SP366 SIZE 80001K;

```

```

CREATE DSI STOCK_107_DSI
DSO STOCK_DSO
USING(4665,4708)
ALLOCATE PRIME ON SP213 SIZE 192004K
                SP367 SIZE 608000K
                SP214 SIZE 192000K
                SP368 SIZE 608000K,
OVERFLOW ON SP367 SIZE 80001K;

```

```

CREATE DSI STOCK_108_DSI
DSO STOCK_DSO
USING(4709,4752)
ALLOCATE PRIME ON SP215 SIZE 192004K
                SP367 SIZE 608000K
                SP216 SIZE 192000K
                SP368 SIZE 608000K,
OVERFLOW ON SP368 SIZE 80001K;

```

```

CREATE DSI STOCK_109_DSI
DSO STOCK_DSO
USING(4753,4796)
ALLOCATE PRIME ON SP217 SIZE 192004K
                SP369 SIZE 608000K
                SP218 SIZE 192000K
                SP370 SIZE 608000K,
OVERFLOW ON SP369 SIZE 80001K;

```

```

CREATE DSI STOCK_110_DSI
DSO STOCK_DSO
USING(4797,4840)
ALLOCATE PRIME ON SP219 SIZE 192004K
                SP369 SIZE 608000K
                SP220 SIZE 192000K
                SP370 SIZE 608000K,
OVERFLOW ON SP370 SIZE 80001K;

```

```

CREATE DSI STOCK_111_DSI
DSO STOCK_DSO
USING(4841,4884)
ALLOCATE PRIME ON SP221 SIZE 192004K
                SP371 SIZE 608000K
                SP222 SIZE 192000K
                SP372 SIZE 608000K,
OVERFLOW ON SP371 SIZE 80001K;

```

```

CREATE DSI STOCK_112_DSI
DSO STOCK_DSO
USING(4885,4928)
ALLOCATE PRIME ON SP223 SIZE 192004K
                SP371 SIZE 608000K
                SP224 SIZE 192000K
                SP372 SIZE 608000K,
OVERFLOW ON SP372 SIZE 80001K;

```

```

CREATE DSI STOCK_113_DSI
DSO STOCK_DSO
USING(4929,4972)
ALLOCATE PRIME ON SP225 SIZE 192004K
                SP373 SIZE 608000K
                SP226 SIZE 192000K
                SP374 SIZE 608000K,
OVERFLOW ON SP373 SIZE 80001K;

```

```

CREATE DSI STOCK_114_DSI
DSO STOCK_DSO
USING(4973,5016)
ALLOCATE PRIME ON SP227 SIZE 192004K
                SP373 SIZE 608000K
                SP228 SIZE 192000K
                SP374 SIZE 608000K,
OVERFLOW ON SP374 SIZE 80001K;

```

```

CREATE DSI STOCK_115_DSI
DSO STOCK_DSO
USING(5017,5060)
ALLOCATE PRIME ON SP229 SIZE 192004K
                SP375 SIZE 608000K
                SP230 SIZE 192000K
                SP376 SIZE 608000K,
OVERFLOW ON SP375 SIZE 80001K;

```

```

CREATE DSI STOCK_116_DSI
DSO STOCK_DSO
USING(5061,5104)
ALLOCATE PRIME ON SP231 SIZE 192004K
                SP375 SIZE 608000K
                SP232 SIZE 192000K
                SP376 SIZE 608000K,
OVERFLOW ON SP376 SIZE 80001K;

```

```

CREATE DSI STOCK_117_DSI
DSO STOCK_DSO
USING(5105,5148)
ALLOCATE PRIME ON SP233 SIZE 192004K
                SP377 SIZE 608000K
                SP234 SIZE 192000K
                SP378 SIZE 608000K,
OVERFLOW ON SP377 SIZE 80001K;

```

```

CREATE DSI STOCK_118_DSI
DSO STOCK_DSO
USING(5149,5192)
ALLOCATE PRIME ON SP235 SIZE 192004K
                SP377 SIZE 608000K
                SP236 SIZE 192000K
                SP378 SIZE 608000K,
OVERFLOW ON SP378 SIZE 80001K;

```

```

CREATE DSI STOCK_119_DSI
DSO STOCK_DSO
USING(5193,5236)
ALLOCATE PRIME ON SP237 SIZE 192004K
                SP379 SIZE 608000K
                SP238 SIZE 192000K
                SP380 SIZE 608000K,
OVERFLOW ON SP379 SIZE 80001K;

```

```

CREATE DSI STOCK_120_DSI
DSO STOCK_DSO
USING(5237,5280)
ALLOCATE PRIME ON SP239 SIZE 192004K
                SP379 SIZE 608000K
                SP240 SIZE 192000K
                SP380 SIZE 608000K,
OVERFLOW ON SP380 SIZE 80001K;

```



```
CREATE DSI STOCK_121_DSI
DSO STOCK_DSO
USING(5281,5324)
ALLOCATE PRIME ON SP241 SIZE 192004K
                SP381 SIZE 608000K
                SP242 SIZE 192000K
                SP382 SIZE 608000K,
OVERFLOW ON SP381 SIZE 80001K;
```

```
CREATE DSI STOCK_122_DSI
DSO STOCK_DSO
USING(5325,5368)
ALLOCATE PRIME ON SP243 SIZE 192004K
                SP381 SIZE 608000K
                SP244 SIZE 192000K
                SP382 SIZE 608000K,
OVERFLOW ON SP382 SIZE 80001K;
```

```
CREATE DSI STOCK_123_DSI
DSO STOCK_DSO
USING(5369,5412)
ALLOCATE PRIME ON SP245 SIZE 192004K
                SP383 SIZE 608000K
                SP246 SIZE 192000K
                SP384 SIZE 608000K,
OVERFLOW ON SP383 SIZE 80001K;
```

```
CREATE DSI STOCK_124_DSI
DSO STOCK_DSO
USING(5413,5456)
ALLOCATE PRIME ON SP247 SIZE 192004K
                SP383 SIZE 608000K
                SP248 SIZE 192000K
                SP384 SIZE 608000K,
OVERFLOW ON SP384 SIZE 80001K;
```

```
CREATE DSI STOCK_125_DSI
DSO STOCK_DSO
USING(5457,5500)
ALLOCATE PRIME ON SP249 SIZE 192004K
                SP385 SIZE 608000K
                SP250 SIZE 192000K
                SP386 SIZE 608000K,
OVERFLOW ON SP385 SIZE 80001K;
```

```
CREATE DSI STOCK_126_DSI
DSO STOCK_DSO
USING(5501,5544)
ALLOCATE PRIME ON SP251 SIZE 192004K
                SP385 SIZE 608000K
                SP252 SIZE 192000K
                SP386 SIZE 608000K,
OVERFLOW ON SP386 SIZE 80001K;
```

```
CREATE DSI STOCK_127_DSI
DSO STOCK_DSO
USING(5545,5588)
ALLOCATE PRIME ON SP253 SIZE 192004K
                SP387 SIZE 608000K
                SP254 SIZE 192000K
                SP388 SIZE 608000K,
OVERFLOW ON SP387 SIZE 80001K;
```

```
CREATE DSI STOCK_128_DSI
DSO STOCK_DSO
USING(5589,5632)
ALLOCATE PRIME ON SP255 SIZE 192004K
                SP387 SIZE 608000K
                SP256 SIZE 192000K
                SP388 SIZE 608000K,
OVERFLOW ON SP388 SIZE 80001K;
```

```
CREATE DSI STOCK_129_DSI
DSO STOCK_DSO
USING(5633,5676)
ALLOCATE PRIME ON SP257 SIZE 192004K
                SP389 SIZE 608000K
                SP258 SIZE 192000K
                SP390 SIZE 608000K,
OVERFLOW ON SP389 SIZE 80001K;
```

```
CREATE DSI STOCK_130_DSI
DSO STOCK_DSO
USING(5677,11440)
ALLOCATE PRIME ON SP259 SIZE 192004K
                SP389 SIZE 608000K
                SP260 SIZE 192000K
                SP390 SIZE 608000K,
OVERFLOW ON SP390 SIZE 80001K;
```

```
-----
-- * Phase.2-1: Warehouse
-----
```

```
CREATE DSO WAREHOUSE_DSO
FROM TPCC_SCHEMA.WAREHOUSE
TYPE RANDOM(PAGESIZE1(1),PAGESIZE2(1))
WHERE (W_ID) BETWEEN (?) AND (?);
```

```
CREATE DSI WAREHOUSE_1_DSI
DSO WAREHOUSE_DSO
USING(1,88)
ALLOCATE PRIME ON SP1 SIZE 4097K,
OVERFLOW ON SP1 SIZE 17K;
```

```
CREATE DSI WAREHOUSE_2_DSI
DSO WAREHOUSE_DSO
USING(89,176)
ALLOCATE PRIME ON SP5 SIZE 4097K,
OVERFLOW ON SP5 SIZE 17K;
```

```
CREATE DSI WAREHOUSE_3_DSI
DSO WAREHOUSE_DSO
USING(177,264)
ALLOCATE PRIME ON SP9 SIZE 4097K,
OVERFLOW ON SP9 SIZE 17K;
```

```
CREATE DSI WAREHOUSE_4_DSI
DSO WAREHOUSE_DSO
USING(265,352)
ALLOCATE PRIME ON SP13 SIZE 4097K,
OVERFLOW ON SP13 SIZE 17K;
```

```
CREATE DSI WAREHOUSE_5_DSI
DSO WAREHOUSE_DSO
USING(353,440)
ALLOCATE PRIME ON SP17 SIZE 4097K,
```



```

OVERFLOW ON SP17 SIZE 17K;

CREATE DSI WAREHOUSE_6_DSI
DSO WAREHOUSE_DSO
USING(441,528)
ALLOCATE PRIME ON SP21 SIZE 4097K,
OVERFLOW ON SP21 SIZE 17K;

CREATE DSI WAREHOUSE_7_DSI
DSO WAREHOUSE_DSO
USING(529,616)
ALLOCATE PRIME ON SP25 SIZE 4097K,
OVERFLOW ON SP25 SIZE 17K;

CREATE DSI WAREHOUSE_8_DSI
DSO WAREHOUSE_DSO
USING(617,704)
ALLOCATE PRIME ON SP29 SIZE 4097K,
OVERFLOW ON SP29 SIZE 17K;

CREATE DSI WAREHOUSE_9_DSI
DSO WAREHOUSE_DSO
USING(705,792)
ALLOCATE PRIME ON SP33 SIZE 4097K,
OVERFLOW ON SP33 SIZE 17K;

CREATE DSI WAREHOUSE_10_DSI
DSO WAREHOUSE_DSO
USING(793,880)
ALLOCATE PRIME ON SP37 SIZE 4097K,
OVERFLOW ON SP37 SIZE 17K;

CREATE DSI WAREHOUSE_11_DSI
DSO WAREHOUSE_DSO
USING(881,968)
ALLOCATE PRIME ON SP41 SIZE 4097K,
OVERFLOW ON SP41 SIZE 17K;

CREATE DSI WAREHOUSE_12_DSI
DSO WAREHOUSE_DSO
USING(969,1056)
ALLOCATE PRIME ON SP45 SIZE 4097K,
OVERFLOW ON SP45 SIZE 17K;

CREATE DSI WAREHOUSE_13_DSI
DSO WAREHOUSE_DSO
USING(1057,1144)
ALLOCATE PRIME ON SP49 SIZE 4097K,
OVERFLOW ON SP49 SIZE 17K;

CREATE DSI WAREHOUSE_14_DSI
DSO WAREHOUSE_DSO
USING(1145,1232)
ALLOCATE PRIME ON SP53 SIZE 4097K,
OVERFLOW ON SP53 SIZE 17K;

CREATE DSI WAREHOUSE_15_DSI
DSO WAREHOUSE_DSO
USING(1233,1320)
ALLOCATE PRIME ON SP57 SIZE 4097K,
OVERFLOW ON SP57 SIZE 17K;

CREATE DSI WAREHOUSE_16_DSI
DSO WAREHOUSE_DSO
USING(1321,1408)
ALLOCATE PRIME ON SP61 SIZE 4097K,
OVERFLOW ON SP61 SIZE 17K;

CREATE DSI WAREHOUSE_17_DSI
DSO WAREHOUSE_DSO
USING(1409,1496)
ALLOCATE PRIME ON SP65 SIZE 4097K,
OVERFLOW ON SP65 SIZE 17K;

CREATE DSI WAREHOUSE_18_DSI
DSO WAREHOUSE_DSO
USING(1497,1584)
ALLOCATE PRIME ON SP69 SIZE 4097K,
OVERFLOW ON SP69 SIZE 17K;

CREATE DSI WAREHOUSE_19_DSI
DSO WAREHOUSE_DSO
USING(1585,1672)
ALLOCATE PRIME ON SP73 SIZE 4097K,
OVERFLOW ON SP73 SIZE 17K;

CREATE DSI WAREHOUSE_20_DSI
DSO WAREHOUSE_DSO
USING(1673,1760)
ALLOCATE PRIME ON SP77 SIZE 4097K,
OVERFLOW ON SP77 SIZE 17K;

CREATE DSI WAREHOUSE_21_DSI
DSO WAREHOUSE_DSO
USING(1761,1848)
ALLOCATE PRIME ON SP81 SIZE 4097K,
OVERFLOW ON SP81 SIZE 17K;

CREATE DSI WAREHOUSE_22_DSI
DSO WAREHOUSE_DSO
USING(1849,1936)
ALLOCATE PRIME ON SP85 SIZE 4097K,
OVERFLOW ON SP85 SIZE 17K;

CREATE DSI WAREHOUSE_23_DSI
DSO WAREHOUSE_DSO
USING(1937,2024)
ALLOCATE PRIME ON SP89 SIZE 4097K,
OVERFLOW ON SP89 SIZE 17K;

CREATE DSI WAREHOUSE_24_DSI
DSO WAREHOUSE_DSO
USING(2025,2112)
ALLOCATE PRIME ON SP93 SIZE 4097K,
OVERFLOW ON SP93 SIZE 17K;

CREATE DSI WAREHOUSE_25_DSI
DSO WAREHOUSE_DSO
USING(2113,2200)
ALLOCATE PRIME ON SP97 SIZE 4097K,
OVERFLOW ON SP97 SIZE 17K;

CREATE DSI WAREHOUSE_26_DSI
DSO WAREHOUSE_DSO
USING(2201,2288)
ALLOCATE PRIME ON SP101 SIZE 4097K,

```

```
OVERFLOW ON SP101 SIZE 17K;

CREATE DSI WAREHOUSE_27_DSI
DSO WAREHOUSE_DSO
USING(2289,2376)
ALLOCATE PRIME ON SP105 SIZE 4097K,
OVERFLOW ON SP105 SIZE 17K;

CREATE DSI WAREHOUSE_28_DSI
DSO WAREHOUSE_DSO
USING(2377,2464)
ALLOCATE PRIME ON SP109 SIZE 4097K,
OVERFLOW ON SP109 SIZE 17K;

CREATE DSI WAREHOUSE_29_DSI
DSO WAREHOUSE_DSO
USING(2465,2552)
ALLOCATE PRIME ON SP113 SIZE 4097K,
OVERFLOW ON SP113 SIZE 17K;

CREATE DSI WAREHOUSE_30_DSI
DSO WAREHOUSE_DSO
USING(2553,2640)
ALLOCATE PRIME ON SP117 SIZE 4097K,
OVERFLOW ON SP117 SIZE 17K;

CREATE DSI WAREHOUSE_31_DSI
DSO WAREHOUSE_DSO
USING(2641,2728)
ALLOCATE PRIME ON SP121 SIZE 4097K,
OVERFLOW ON SP121 SIZE 17K;

CREATE DSI WAREHOUSE_32_DSI
DSO WAREHOUSE_DSO
USING(2729,2816)
ALLOCATE PRIME ON SP125 SIZE 4097K,
OVERFLOW ON SP125 SIZE 17K;

CREATE DSI WAREHOUSE_33_DSI
DSO WAREHOUSE_DSO
USING(2817,2904)
ALLOCATE PRIME ON SP129 SIZE 4097K,
OVERFLOW ON SP129 SIZE 17K;

CREATE DSI WAREHOUSE_34_DSI
DSO WAREHOUSE_DSO
USING(2905,2992)
ALLOCATE PRIME ON SP133 SIZE 4097K,
OVERFLOW ON SP133 SIZE 17K;

CREATE DSI WAREHOUSE_35_DSI
DSO WAREHOUSE_DSO
USING(2993,3080)
ALLOCATE PRIME ON SP137 SIZE 4097K,
OVERFLOW ON SP137 SIZE 17K;

CREATE DSI WAREHOUSE_36_DSI
DSO WAREHOUSE_DSO
USING(3081,3168)
ALLOCATE PRIME ON SP141 SIZE 4097K,
OVERFLOW ON SP141 SIZE 17K;

CREATE DSI WAREHOUSE_37_DSI
DSO WAREHOUSE_DSO
USING(3169,3256)
ALLOCATE PRIME ON SP145 SIZE 4097K,
OVERFLOW ON SP145 SIZE 17K;

CREATE DSI WAREHOUSE_38_DSI
DSO WAREHOUSE_DSO
USING(3257,3344)
ALLOCATE PRIME ON SP149 SIZE 4097K,
OVERFLOW ON SP149 SIZE 17K;

CREATE DSI WAREHOUSE_39_DSI
DSO WAREHOUSE_DSO
USING(3345,3432)
ALLOCATE PRIME ON SP153 SIZE 4097K,
OVERFLOW ON SP153 SIZE 17K;

CREATE DSI WAREHOUSE_40_DSI
DSO WAREHOUSE_DSO
USING(3433,3520)
ALLOCATE PRIME ON SP157 SIZE 4097K,
OVERFLOW ON SP157 SIZE 17K;

CREATE DSI WAREHOUSE_41_DSI
DSO WAREHOUSE_DSO
USING(3521,3608)
ALLOCATE PRIME ON SP161 SIZE 4097K,
OVERFLOW ON SP161 SIZE 17K;

CREATE DSI WAREHOUSE_42_DSI
DSO WAREHOUSE_DSO
USING(3609,3696)
ALLOCATE PRIME ON SP165 SIZE 4097K,
OVERFLOW ON SP165 SIZE 17K;

CREATE DSI WAREHOUSE_43_DSI
DSO WAREHOUSE_DSO
USING(3697,3784)
ALLOCATE PRIME ON SP169 SIZE 4097K,
OVERFLOW ON SP169 SIZE 17K;

CREATE DSI WAREHOUSE_44_DSI
DSO WAREHOUSE_DSO
USING(3785,3872)
ALLOCATE PRIME ON SP173 SIZE 4097K,
OVERFLOW ON SP173 SIZE 17K;

CREATE DSI WAREHOUSE_45_DSI
DSO WAREHOUSE_DSO
USING(3873,3960)
ALLOCATE PRIME ON SP177 SIZE 4097K,
OVERFLOW ON SP177 SIZE 17K;

CREATE DSI WAREHOUSE_46_DSI
DSO WAREHOUSE_DSO
USING(3961,4048)
ALLOCATE PRIME ON SP181 SIZE 4097K,
OVERFLOW ON SP181 SIZE 17K;

CREATE DSI WAREHOUSE_47_DSI
DSO WAREHOUSE_DSO
USING(4049,4136)
ALLOCATE PRIME ON SP185 SIZE 4097K,
```

```

OVERFLOW ON SP185 SIZE 17K;

CREATE DSI WAREHOUSE_48_DSI
DSO WAREHOUSE_DSO
USING(4137,4224)
ALLOCATE PRIME ON SP189 SIZE 4097K,
OVERFLOW ON SP189 SIZE 17K;

CREATE DSI WAREHOUSE_49_DSI
DSO WAREHOUSE_DSO
USING(4225,4312)
ALLOCATE PRIME ON SP193 SIZE 4097K,
OVERFLOW ON SP193 SIZE 17K;

CREATE DSI WAREHOUSE_50_DSI
DSO WAREHOUSE_DSO
USING(4313,4400)
ALLOCATE PRIME ON SP197 SIZE 4097K,
OVERFLOW ON SP197 SIZE 17K;

CREATE DSI WAREHOUSE_51_DSI
DSO WAREHOUSE_DSO
USING(4401,4488)
ALLOCATE PRIME ON SP201 SIZE 4097K,
OVERFLOW ON SP201 SIZE 17K;

CREATE DSI WAREHOUSE_52_DSI
DSO WAREHOUSE_DSO
USING(4489,4576)
ALLOCATE PRIME ON SP205 SIZE 4097K,
OVERFLOW ON SP205 SIZE 17K;

CREATE DSI WAREHOUSE_53_DSI
DSO WAREHOUSE_DSO
USING(4577,4664)
ALLOCATE PRIME ON SP209 SIZE 4097K,
OVERFLOW ON SP209 SIZE 17K;

CREATE DSI WAREHOUSE_54_DSI
DSO WAREHOUSE_DSO
USING(4665,4752)
ALLOCATE PRIME ON SP213 SIZE 4097K,
OVERFLOW ON SP213 SIZE 17K;

CREATE DSI WAREHOUSE_55_DSI
DSO WAREHOUSE_DSO
USING(4753,4840)
ALLOCATE PRIME ON SP217 SIZE 4097K,
OVERFLOW ON SP217 SIZE 17K;

CREATE DSI WAREHOUSE_56_DSI
DSO WAREHOUSE_DSO
USING(4841,4928)
ALLOCATE PRIME ON SP221 SIZE 4097K,
OVERFLOW ON SP221 SIZE 17K;

CREATE DSI WAREHOUSE_57_DSI
DSO WAREHOUSE_DSO
USING(4929,5016)
ALLOCATE PRIME ON SP225 SIZE 4097K,
OVERFLOW ON SP225 SIZE 17K;

CREATE DSI WAREHOUSE_58_DSI
DSO WAREHOUSE_DSO
USING(5017,5104)
ALLOCATE PRIME ON SP229 SIZE 4097K,
OVERFLOW ON SP229 SIZE 17K;

CREATE DSI WAREHOUSE_59_DSI
DSO WAREHOUSE_DSO
USING(5105,5192)
ALLOCATE PRIME ON SP233 SIZE 4097K,
OVERFLOW ON SP233 SIZE 17K;

CREATE DSI WAREHOUSE_60_DSI
DSO WAREHOUSE_DSO
USING(5193,5280)
ALLOCATE PRIME ON SP237 SIZE 4097K,
OVERFLOW ON SP237 SIZE 17K;

CREATE DSI WAREHOUSE_61_DSI
DSO WAREHOUSE_DSO
USING(5281,5368)
ALLOCATE PRIME ON SP241 SIZE 4097K,
OVERFLOW ON SP241 SIZE 17K;

CREATE DSI WAREHOUSE_62_DSI
DSO WAREHOUSE_DSO
USING(5369,5456)
ALLOCATE PRIME ON SP245 SIZE 4097K,
OVERFLOW ON SP245 SIZE 17K;

CREATE DSI WAREHOUSE_63_DSI
DSO WAREHOUSE_DSO
USING(5457,5544)
ALLOCATE PRIME ON SP249 SIZE 4097K,
OVERFLOW ON SP249 SIZE 17K;

CREATE DSI WAREHOUSE_64_DSI
DSO WAREHOUSE_DSO
USING(5545,5632)
ALLOCATE PRIME ON SP253 SIZE 4097K,
OVERFLOW ON SP253 SIZE 17K;

CREATE DSI WAREHOUSE_65_DSI
DSO WAREHOUSE_DSO
USING(5633,11440)
ALLOCATE PRIME ON SP257 SIZE 4097K,
OVERFLOW ON SP257 SIZE 17K;

CREATE DBSPACE SP1 ALLOCATE RAWDEVICE /DEV/rdsk/SP001 ;
CREATE DBSPACE SP2 ALLOCATE RAWDEVICE /DEV/rdsk/SP002 ;
CREATE DBSPACE SP3 ALLOCATE RAWDEVICE /DEV/rdsk/SP003 ;
CREATE DBSPACE SP4 ALLOCATE RAWDEVICE /DEV/rdsk/SP004 ;
CREATE DBSPACE SP5 ALLOCATE RAWDEVICE /DEV/rdsk/SP005 ;
ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP6 ALLOCATE RAWDEVICE /DEV/rdsk/SP006 ;
ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP7 ALLOCATE RAWDEVICE /DEV/rdsk/SP007 ;
ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP8 ALLOCATE RAWDEVICE /DEV/rdsk/SP008 ;
ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP9 ALLOCATE RAWDEVICE /DEV/rdsk/SP009 ;
ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP10 ALLOCATE RAWDEVICE /DEV/rdsk/SP010 ;
ATTRIBUTE LOG GROUP GROUP2 ;

```



```

CREATE DBSPACE SP354 ALLOCATE RAWDEVICE
/DEV/rdsk/SP354 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP355 ALLOCATE RAWDEVICE
/DEV/rdsk/SP355 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP356 ALLOCATE RAWDEVICE
/DEV/rdsk/SP356 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP357 ALLOCATE RAWDEVICE
/DEV/rdsk/SP357 ;
CREATE DBSPACE SP358 ALLOCATE RAWDEVICE
/DEV/rdsk/SP358 ;
CREATE DBSPACE SP359 ALLOCATE RAWDEVICE
/DEV/rdsk/SP359 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP360 ALLOCATE RAWDEVICE
/DEV/rdsk/SP360 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP361 ALLOCATE RAWDEVICE
/DEV/rdsk/SP361 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP362 ALLOCATE RAWDEVICE
/DEV/rdsk/SP362 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP363 ALLOCATE RAWDEVICE
/DEV/rdsk/SP363 ;
CREATE DBSPACE SP364 ALLOCATE RAWDEVICE
/DEV/rdsk/SP364 ;
CREATE DBSPACE SP365 ALLOCATE RAWDEVICE
/DEV/rdsk/SP365 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP366 ALLOCATE RAWDEVICE
/DEV/rdsk/SP366 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP367 ALLOCATE RAWDEVICE
/DEV/rdsk/SP367 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP368 ALLOCATE RAWDEVICE
/DEV/rdsk/SP368 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP369 ALLOCATE RAWDEVICE
/DEV/rdsk/SP369 ;
CREATE DBSPACE SP370 ALLOCATE RAWDEVICE
/DEV/rdsk/SP370 ;
CREATE DBSPACE SP371 ALLOCATE RAWDEVICE
/DEV/rdsk/SP371 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP372 ALLOCATE RAWDEVICE
/DEV/rdsk/SP372 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP373 ALLOCATE RAWDEVICE
/DEV/rdsk/SP373 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP374 ALLOCATE RAWDEVICE
/DEV/rdsk/SP374 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP375 ALLOCATE RAWDEVICE
/DEV/rdsk/SP375 ;
CREATE DBSPACE SP376 ALLOCATE RAWDEVICE
/DEV/rdsk/SP376 ;
CREATE DBSPACE SP377 ALLOCATE RAWDEVICE
/DEV/rdsk/SP377 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP378 ALLOCATE RAWDEVICE
/DEV/rdsk/SP378 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP379 ALLOCATE RAWDEVICE
/DEV/rdsk/SP379 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP380 ALLOCATE RAWDEVICE
/DEV/rdsk/SP380 ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP381 ALLOCATE RAWDEVICE
/DEV/rdsk/SP381 ;
CREATE DBSPACE SP382 ALLOCATE RAWDEVICE
/DEV/rdsk/SP382 ;
CREATE DBSPACE SP383 ALLOCATE RAWDEVICE
/DEV/rdsk/SP383 ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP384 ALLOCATE RAWDEVICE
/DEV/rdsk/SP384 ATTRIBUTE LOG GROUP GROUP1 ;

CREATE DBSPACE SP385 ALLOCATE RAWDEVICE /DEV/rdsk/SP385
ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP386 ALLOCATE RAWDEVICE /DEV/rdsk/SP386
ATTRIBUTE LOG GROUP GROUP2 ;
CREATE DBSPACE SP387 ALLOCATE RAWDEVICE /DEV/rdsk/SP387 ;
CREATE DBSPACE SP388 ALLOCATE RAWDEVICE /DEV/rdsk/SP388 ;
CREATE DBSPACE SP389 ALLOCATE RAWDEVICE /DEV/rdsk/SP389
ATTRIBUTE LOG GROUP GROUP1 ;
CREATE DBSPACE SP390 ALLOCATE RAWDEVICE /DEV/rdsk/SP390
ATTRIBUTE LOG GROUP GROUP1 ;
--
/*=====*/
--/* YÇiçYüYüçY1ÄëuÁ */
--
/*=====*/
=====*/
CREATE DATABASE TPCC;

:
set -x
date

timex rdblog -G -a /DEV/rdsk/ARC1 4000M
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC2
sleep 1
timex rdblog -U -a /DEV/rdsk/ARC3
sleep 1

timex rdblog -G -a -g GROUP1 /DEV/rdsk/ARC_G1_1 4000M
sleep 1
timex rdblog -U -a -g GROUP1 /DEV/rdsk/ARC_G1_2
sleep 1
timex rdblog -U -a -g GROUP1 /DEV/rdsk/ARC_G1_3
sleep 1
date

timex rdblog -G -a -g GROUP2 /DEV/rdsk/ARC_G2_1 4000M
sleep 1
timex rdblog -U -a -g GROUP2 /DEV/rdsk/ARC_G2_2
sleep 1
timex rdblog -U -a -g GROUP2 /DEV/rdsk/ARC_G2_3
sleep 1
date

:
set -x

cp -p /opt/FSUNrdb2b/etc/rdbsysconfig.14cpu.LOAD_DIR_3
/opt/FSUNrdb2b/etc/rdbsysconfig

# system log group
LOG_AI=/DEV/rdsk/AI_LOG
LOG_BI=/DEV/rdsk/BI_LOG
LOG_IX=/DEV/rdsk/IX_LOG

# user log group 1
GROUP_G1=GROUP1
UG_G1=/DEV/rdsk/LOG_UG_G1
LOG_IX_G1=/DEV/rdsk/IX_LOG_G1
LOG_BI_G1=/DEV/rdsk/BI_LOG_G1

```

```

LOG_AI_G1=/DEV/rdsk/AI_LOG_G1

# user log group 2
GROUP_G2=GROUP2
UG_G2=/DEV/rdsk/LOG_UG_G2
LOG_IX_G2=/DEV/rdsk/IX_LOG_G2
LOG_BI_G2=/DEV/rdsk/BI_LOG_G2
LOG_AI_G2=/DEV/rdsk/AI_LOG_G2

# make log group manage file
# ( please define RDBLOGGROUP on rdbsysconfig )
timex rdblog -M

date
rm /rdbptc/tpcc80/SYS/rdblogmanage
timex rdblog -l

rm /rdbptc/arc/ARC* &

timex rdblog -G -t -c 5800M -io 2048 $LOG_IX $LOG_BI $LOG_AI
1000M 7000M 320

wait

# make user log file (group 1)
rdblog -l -g $GROUP_G1 $UG_G1
timex rdblog -G -t -g $GROUP_G1 -c 5800M -io 2048 $LOG_IX_G1
$LOG_BI_G1 $LOG_AI_G1 1000M 7000M 320

# make user log file (group 2)
rdblog -l -g $GROUP_G2 $UG_G2
timex rdblog -G -t -g $GROUP_G2 -c 5800M -io 2048 $LOG_IX_G2
$LOG_BI_G2 $LOG_AI_G2 1000M 7000M 320
#!/bin/ksh

echo `date` Executing $0
set -v

rdbups -i TPCC.WAREHOUSE_1_DSI
rdbups -i TPCC.DISTRICT_1_DSI
rdbups -i TPCC.ITEM_1_DSI

rdbups -i TPCC.CUSTOMER_1_DSI
rdbups -i TPCC.CUSTOMER_X_1_DSI

rdbups -i TPCC.ORDERS_1_DSI
rdbups -i TPCC.ORDERS_IX_1_DSI
rdbups -i TPCC.NEWORDER_1_DSI
rdbups -i TPCC.NEWORDER_X_1_DSI
rdbups -i TPCC.HISTORY_1_DSI

rdbups -i TPCC.ORDERLIN_1_DSI

rdbups -i TPCC.STOCK_1_DSI

#wait
exit 0

:
rdbddlex -d TPCC -x APL.0425_j/Y_DELIVERY.PS.ARRAY2
rdbddlex -d TPCC -x APL.0425_j/Y_ODERSTAT.PS.ARRAY2

```

```

rdbddlex -d TPCC -x APL.I/Y_NORDER6
rdbddlex -d TPCC -x APL.I/Y_PAYMENT_cent.h10.out.4

/*
* File Name: wtpccd.ec
* Function Name: main()
* : item()
* : warehouse()
* : stock()
* : district()
* : customer()
* : history()
* : orders()
* : new_order()
* : make_address()
* : lastname()
* : make_alpha_string()
* : make_number_string()
* : random_number()
* : set_seed()
* : nurand()
* : init_permutation()
* Description: DB tpcc , item,warehouse, stock,
* district, customer, history, orders, order_line,
* new_order ,
* (char ) .
* Author :
* Reviewer:
*
* COPYRIGHT FUJITSU Limited 1995
*
* 95-03-13
* - ( : %20s ==> %-s)
* -
* printf & fwrite fprintf ( )
* - ORDERS ORDER_LINE NULL
*
* 95-05-16
* - 10warehouse
*
* 96-04-18
* - W-TAX, D-TAX, C-DISCOUNT, I-PRICE, OL-AMOUNT, H-
AMOUNT
* (DECIMAL -> SMALLINT or INTEGER)
* - C-SINCE, OL-DELIVERY-D, O-ENTRY-D
* (DECIMAL -> CHAR)
*
* 96-09-06
* - file
* 1.option table (3 parameter)
* (0..all, 1..IT/ST/HI/CU, 2..WH/DI/OL/OS/NO)
* 2.file
* (/rdb/loaddata/[table ]/[warehouse _ ]
* ex.: /rdb/loaddata/Customer/10_15 .. Customer Wh10-
15)
* - Text Binary . DECIMAL
* :
* <decimal(a,b) format>
* decimal(10,2) aa|aa|aa|aa|ab|bs (6byte=a/2+1)
* a=decimal (b )
* b= (s 8bit )
* s= . (+) "c", (-) "d"
* ex.) +12345678.23 = '(0x) 01 | 23 | 45 | 67 | 82 | 3c
* program FUNC.

```

```

*          "record "          (
*          )
*          ex.) w_ytd = -123.45;
*                :
*                :
*          ("record " )
*          w_ytd_1 = 0x00;
*          w_ytd_2 = 0x00;
*          w_ytd_3 = 0x00;
*          w_ytd_4 = 0x00;
*          w_ytd_5 = 0x12;
*          w_ytd_6 = 0x34;
*          w_ytd_7 = 0x5d;
*
* 96-11-27
* - ol_i_id          (?)
*   ol_i_id 1 10 n
*   ( : n=2; 2,4,6,...99998,100000)
*   n setenv TPCRANDBY n
*   n < TPCRANDBY < 10 or undefined == 1
*
* 97-02-18
* - C_ID, H_C_ID, O_C_ID
*   (SMALLINT -> INTEGER)
* - I_IM_ID
*
* 97-02-18
* - fprintf -> sprintf + fwrite
* ( item,stock,customer,history,orders,orderline )
* - random_number mac
* - make_alpha_string make_number_string
* rund          (
* - make_alpha_string
* ( ORACLE , HP
* - get_permutation ,o_c_id
* - TAB ID 221(c_last NURand C)
* Issue : C Value For NURand
* Specification : TPC-C,Clause 2.1.6
* c_last NURand C
* C-Load : DB C
* C-Run : (tran) C
* C-Delta : | C-Load - C-Run |
* C ,[, 0,255]
* C-Delta ,[,65,119] ,96,112
* C-Run , 111
* Online : tranmain Const
* Online : pptpcc2(shell) u14i
* nurand()
* 97-02-24
* - fopen + fwrite -> open + write
* ( item,stock,customer,history,orders,orderline )
* 97-02-25
* - CUSTOMER,HISTORY
* 97-02-27
* - sprintf (typedef struct)
* - c_phone[16] -> c_phone[17]
* 97-03-05
* - c_payment_cnt = 1 -> 0
* 97-03-11
* - make_alpha_string
* ( ORACLE )
* 98-11-06
* -
*
*          w_ytd, d_ytd, c_credit_lim, c_balance, c_ytd_payment
*
* 00-07-24
* CU 2k CUSTOMER C_DATA V-CHAR
*/
#include <stdio.h>
#include <string.h>
#include <sys/types.h> /* 1994.12.28 add kawabata */
#include <sys/stat.h> /* 1995.02.24 add arakawa */
#include <fcntl.h> /* 1995.02.24 add arakawa */
#include <time.h>
#include <stdlib.h> /* 1996.11.27 added K.Fukui for "getenv()" */
#include <unistd.h> /* 1997.02.24 write */
/*#define DBNAME "tpcc"*/ /* DB */
#define MAXITEMS100000 /* */
#define MAXSTOCK100000 /* STOCK */
#define DIST_PER_WARE 10 /* */
#define CUST_PER_DIST 3000 /* */
#define ORD_PER_DIST 3000 /* */
#define NEWWORDS 900 /* */
#define CLS_CNT10000 /* */
#define CMT_CNT 3
#define T256 16777216
#define D256 65536
#define NNUL_V 0x00
#define NUL_V 0xFF
/* 1997-02-27 sprintf (typedef struct) */
typedef struct
{
    chari_id_1,i_id_2,i_id_3,i_id_4 ;
    chari_im_id_1, i_im_id_2, i_im_id_3, i_im_id_4 ;
    char i_name[24] ;
    chari_price_1, i_price_2 ;
    char i_data[50] ;
} item_str ;
typedef struct
{
    chard_id_1,d_id_2;
    char d_w_id_1,d_w_id_2;
    chard_name[10];
    chard_street_1[20];
    chard_street_2[20];
    chard_city[20];
    chard_state[2];
    chard_zip[9];
    chard_tax_1, d_tax_2;
    chard_ytd_1, d_ytd_2, d_ytd_3, d_ytd_4, d_ytd_5, d_ytd_6, d_ytd_7;
    chard_next_o_id_1, d_next_o_id_2, d_next_o_id_3, d_next_o_id_4;
} district_str ;
typedef struct
{
    charw_id_1, w_id_2;
    charw_name[10];
    charw_street_1[20];
    charw_street_2[20];
}

```

```

charw_city[20];
charw_state[2];
charw_zip[9];
charw_tax_1, w_tax_2;
charw_ytd_1, w_ytd_2, w_ytd_3, w_ytd_4, w_ytd_5, w_ytd_6,
w_ytd_7;
} warehouse_str ;

```

typedef struct

```

{
  chars_i_id_1, s_i_id_2, s_i_id_3, s_i_id_4;
  chars_w_id_1, s_w_id_2;
  char s_quantity_1, s_quantity_2;
  chars_dist_01[24];
  chars_dist_02[24];
  chars_dist_03[24];
  chars_dist_04[24];
  chars_dist_05[24];
  chars_dist_06[24];
  chars_dist_07[24];
  chars_dist_08[24];
  chars_dist_09[24];
  chars_dist_10[24];
  char s_ytd_1, s_ytd_2, s_ytd_3, s_ytd_4;
  chars_order_cnt_1, s_order_cnt_2;
  char s_remote_cnt_1, s_remote_cnt_2;
  chars_data[50];
} stock_str ;

```

typedef struct

```

{
  char c_id_1, c_id_2, c_id_3, c_id_4;
  charc_d_id_1, c_d_id_2;
  charc_w_id_1, c_w_id_2;
  charc_first[16];
  charc_middle[2];
  charc_last[16];
  charc_street_1[20];
  charc_street_2[20];
  charc_city[20];
  charc_state[2];
  charc_zip[9];
  charc_phone[16];
  charc_since[14];
  charc_credit[2];
  charc_credit_lim_1, c_credit_lim_2, c_credit_lim_3,
c_credit_lim_4;
  char c_credit_lim_5, c_credit_lim_6, c_credit_lim_7;
  charc_discount_1, c_discount_2;
  charc_balance_1, c_balance_2, c_balance_3, c_balance_4;
  charc_balance_5, c_balance_6, c_balance_7;
  char c_ytd_payment_1, c_ytd_payment_2, c_ytd_payment_3,
c_ytd_payment_4;
  charc_ytd_payment_5, c_ytd_payment_6, c_ytd_payment_7;
  charc_payment_cnt_1, c_payment_cnt_2;
  charc_delivery_cnt_1, c_delivery_cnt_2;
  /* charc_data[500]; */
  charc_data[502];
} customer_str ;

```

typedef struct

```

{
  charh_c_id_1, h_c_id_2, h_c_id_3, h_c_id_4;

```

```

  charh_c_d_id_1, h_c_d_id_2;
  charh_c_w_id_1, h_c_w_id_2;
  charh_d_id_1, h_d_id_2;
  charh_w_id_1, h_w_id_2;
  charh_date[14];
  charh_amount_1, h_amount_2, h_amount_3, h_amount_4;
  char h_data[24];
} history_str ;

```

typedef struct

```

{
  char o_id_v1, o_id_v2;
  charo_id_1, o_id_2, o_id_3, o_id_4;
  char o_d_id_v1, o_d_id_v2;
  charo_d_id_1, o_d_id_2;
  char o_w_id_v1, o_w_id_v2;
  charo_w_id_1, o_w_id_2;
  char o_c_id_v1, o_c_id_v2;
  charo_c_id_1, o_c_id_2, o_c_id_3, o_c_id_4;
  char o_entry_d_v1, o_entry_d_v2;
  charo_entry_d[14];
  char o_carrier_id_v1, o_carrier_id_v2;
  charo_carrier_id_1, o_carrier_id_2;
  char o_ol_cnt_v1, o_ol_cnt_v2;
  charo_ol_cnt_1, o_ol_cnt_2;
  char o_all_local_v1, o_all_local_v2;
  charo_all_local_1, o_all_local_2;
} orders_str ;

```

typedef struct

```

{
  char ol_o_id_v1, ol_o_id_v2;
  char ol_o_id_1, ol_o_id_2, ol_o_id_3, ol_o_id_4;
  char ol_d_id_v1, ol_d_id_v2;
  charol_d_id_1, ol_d_id_2;
  char ol_w_id_v1, ol_w_id_v2;
  charol_w_id_1, ol_w_id_2;
  char ol_number_v1, ol_number_v2;
  char ol_number_1, ol_number_2;
  char ol_i_id_v1, ol_i_id_v2;
  charol_i_id_1, ol_i_id_2, ol_i_id_3, ol_i_id_4;
  char ol_supply_w_id_v1, ol_supply_w_id_v2;
  charol_supply_w_id_1, ol_supply_w_id_2;
  char ol_delivery_d_v1, ol_delivery_d_v2;
  char ol_delivery_d[14];
  char ol_quantity_v1, ol_quantity_v2;
  charol_quantity_1, ol_quantity_2;
  char ol_amount_v1, ol_amount_v2;
  char ol_amount_1, ol_amount_2, ol_amount_3, ol_amount_4;
  char ol_dist_info_v1, ol_dist_info_v2;
  charol_dist_info[24];
} orderline_str ;

```

typedef struct

```

{
  charno_o_id_1, no_o_id_2, no_o_id_3, no_o_id_4;
  charno_d_id_1, no_d_id_2;
  charno_w_id_1, no_w_id_2;
} neworder_str ;

```

int len_i ;

int len_V ;

/* 1997-02-18 TAB ID 221(c_last NURand C) */

*/

```

#define C_DELTA      87      /* | C_LOAD - C_RAN | */
#define C_RUN       111     /* TRAN NURand C */
#define C_LOAD      (C_DELTA+C_RUN) /* DB LOAD NURand C */

/* 1997-02-18 fprintf -> sprintf + fwrite */
#define ITEM_SIZE sizeof(item_str) /* ITEM (84)*/
#define DISTRICT_SIZE sizeof(district_str) /* DISTRICT (98)*/
#define WAREHOUSE_SIZE sizeof(warehouse_str) /* WAREHOUSE (92)*/
#define STOCK_SIZE sizeof(stock_str) /* STOCK (306)*/
#define CUSTOMER_SIZE sizeof(customer_str) /* CUSTOMER (672)*/
#define HISTORY_SIZE sizeof(history_str) /* HISTORY (54)*/
#define ORDERS_SIZE sizeof(orders_str) /* ORDERS (32+16)*/
#define ORDERLINE_SIZE sizeof(orderline_str) /* ORDERLINE (60+20)*/
#define NEWORDER_SIZE sizeof(neworder_str) /* HISTORY (8)*/

#define ITEM_COUNT 1024 /* ITEM */
#define STOCK_COUNT 1024 /* STOCK */
#define CUSTOMER_COUNT 512 /* CUSTOMER */
/*
#define HISTORY_COUNT 1024 /* HISTORY */
#define ORDERS_COUNT 1024 /* ORDERS */
#define ORDERLINE_COUNT 2048 /* ORDERLINE */
*/

/* */
/* */
char yyyyymmddhhmmss[15];

/* . ..._1 ..._7 96-09-06 */
/* (INTEGER:_1 _4 / SMALLINT:_1 _2 / DECIMAL:_1 _7) */

int i_id;
int i_id_1, i_id_2, i_id_3, i_id_4;
int i_im_id; /* 97-02-18 */
/*
int i_im_id_1, i_im_id_2, i_im_id_3, i_im_id_4; /* 97-02-18 */
*/
char i_name[25];
int i_price;
int i_price_1, i_price_2;
char i_data[51];

short w_id;
int w_id_1, w_id_2;
char w_name[11];
char w_street_1[21];
char w_street_2[21];
char w_city[21];
char w_state[3];
char w_zip[10];
int w_tax;
int w_tax_1, w_tax_2;
float w_ytd;
int w_ytd_1, w_ytd_2, w_ytd_3, w_ytd_4, w_ytd_5, w_ytd_6, w_ytd_7;

int s_i_id;
int s_i_id_1, s_i_id_2, s_i_id_3, s_i_id_4;
short s_w_id;
int s_w_id_1, s_w_id_2;
int s_quantity;
int s_quantity_1, s_quantity_2;
char s_dist_01[25];
char s_dist_02[25];
char s_dist_03[25];
char s_dist_04[25];
char s_dist_05[25];
char s_dist_06[25];
char s_dist_07[25];
char s_dist_08[25];
char s_dist_09[25];
char s_dist_10[25];
int s_ytd;
int s_ytd_1, s_ytd_2, s_ytd_3, s_ytd_4;
int s_order_cnt;
int s_order_cnt_1, s_order_cnt_2;
int s_remote_cnt;
int s_remote_cnt_1, s_remote_cnt_2;
char s_data[51];

short d_id;
int d_id_1, d_id_2;
short d_w_id;
int d_w_id_1, d_w_id_2;
char d_name[11];
char d_street_1[21];
char d_street_2[21];
char d_city[21];
char d_state[3];
char d_zip[10];
int d_tax;
int d_tax_1, d_tax_2;
char work[10];
float d_ytd;
int d_ytd_1, d_ytd_2, d_ytd_3, d_ytd_4, d_ytd_5, d_ytd_6, d_ytd_7;
int d_next_o_id;
int d_next_o_id_1, d_next_o_id_2, d_next_o_id_3, d_next_o_id_4;

int c_id; /* 97-02-18 short -> int* */
int c_id_1, c_id_2, c_id_3, c_id_4; /* 97-02-18 3 4 */
short c_d_id;
int c_d_id_1, c_d_id_2;
short c_w_id;
int c_w_id_1, c_w_id_2;
char c_first[17];
char c_middle[3];
char c_last[17];
char c_street_1[21];
char c_street_2[21];
char c_city[21];
char c_state[3];
char c_zip[10];
char c_phone[17]; /* 1997.02.27 */
char c_since[15];
char c_credit[3];
float c_credit_lim;
int c_credit_lim_1, c_credit_lim_2, c_credit_lim_3, c_credit_lim_4;
int c_credit_lim_5, c_credit_lim_6, c_credit_lim_7;

```

```

int c_discount;
int c_discount_1, c_discount_2;
float c_balance;
int c_balance_1, c_balance_2, c_balance_3, c_balance_4;
int c_balance_5, c_balance_6, c_balance_7;
float c_ytd_payment;
int c_ytd_payment_1, c_ytd_payment_2, c_ytd_payment_3,
c_ytd_payment_4;
int c_ytd_payment_5, c_ytd_payment_6, c_ytd_payment_7;
int c_payment_cnt;
int c_payment_cnt_1, c_payment_cnt_2;
int c_delivery_cnt;
int c_delivery_cnt_1, c_delivery_cnt_2;
char c_data[501];

int h_c_id; /* 97-02-18
short -> int*/
int h_c_id_1, h_c_id_2, h_c_id_3, h_c_id_4; /* 97-02-18 3 4
*/
short h_c_d_id;
int h_c_d_id_1, h_c_d_id_2;
short h_c_w_id;
int h_c_w_id_1, h_c_w_id_2;
short h_d_id;
int h_d_id_1, h_d_id_2;
short h_w_id;
int h_w_id_1, h_w_id_2;
char h_date[15];
int h_amount;
int h_amount_1, h_amount_2, h_amount_3, h_amount_4;
char h_data[25];

int o_id;
int o_id_1, o_id_2, o_id_3, o_id_4;
short o_d_id;
int o_d_id_1, o_d_id_2;
short o_w_id;
int o_w_id_1, o_w_id_2;
int o_c_id; /* 97-02-18 short -
> int */
int o_c_id_1, o_c_id_2, o_c_id_3, o_c_id_4; /* 97-02-18 3 4
*/
char o_entry_d[15];
short o_carrier_id;
int o_carrier_id_1, o_carrier_id_2;
short o_ol_cnt;
int o_ol_cnt_1, o_ol_cnt_2;
short o_all_local;
int o_all_local_1, o_all_local_2;

int ol_o_id;
int ol_o_id_1, ol_o_id_2, ol_o_id_3, ol_o_id_4;
short ol_d_id;
int ol_d_id_1, ol_d_id_2;
short ol_w_id;
int ol_w_id_1, ol_w_id_2;
short ol_number;
int ol_number_1, ol_number_2;
int ol_i_id;
int ol_i_id_1, ol_i_id_2, ol_i_id_3, ol_i_id_4;
short ol_supply_w_id;
int ol_supply_w_id_1, ol_supply_w_id_2;
char ol_delivery_d[15];

int ol_quantity;
int ol_quantity_1, ol_quantity_2;
int ol_amount;
int ol_amount_1, ol_amount_2, ol_amount_3, ol_amount_4;
char ol_dist_info[25];

int no_o_id;
int no_o_id_1, no_o_id_2, no_o_id_3, no_o_id_4;
short no_d_id;
int no_d_id_1, no_d_id_2;
short no_w_id;
int no_w_id_1, no_w_id_2;

/*shortc; /* /* NURand /*
short ocid[CUST_PER_DIST];/* o_c_id /*
short counter; /* o_c_id */

/* :961127:K.Fukui: L_ID (main )*/
char *EnvGet_ID;
int L_ID_Rand_by;
/* :961127:K.Fukui: (above is all) */

void item();
void warehouse();
void stock();
void district();
void customer();
void history(); /* 1997.02.25 */
void orders();
void make_address();
void lastname();
int make_alpha_string();
int make_alpha_string_V();
int make_number_string();
#ifdef call_rand
int random_number();
#else
#define random_number(x,y) ((int)(lrnd480%(y-x+1) + x)
#endif
void set_seed();
int nurand();
void init_permutation();
/*int get_permutation()*/

/* */
FILE *fst1;
FILE *fst2;
FILE *fst3;
FILE *fst4;
FILE *fst5;
FILE *fst6;
FILE *fst7;
FILE *fst8;
FILE *fst9;
int wst;
int op_item ; /* 1997.02.24 open+write */
int op_stock ; /* 1997.02.24 open+write */
int op_customer ; /* 1997.02.24 open+write */
int op_history ; /* 1997.02.24 open+write */
int op_orders ; /* 1997.02.24 open+write */
int op_orderline ; /* 1997.02.24 open+write */

char fileout[100];/* */

```

```

char filedum[100];

/*
 * Function: main()
 * Description: DB , item, warehouse ,
 *
 * Parameters: 1. argc,
 *            2. argv,
 *
 *
 * Grobals Ref: nothing
 * Grobals Out: 1. yyyyymmddhhmmss,
 * Returns : 0
 *          1
 */

int
main(argc, argv)
int argc;
char **argv;
{
    time_t tod; /* */
    struct tm*stm; /* */
    int count_ware;
    int last_ware;
    int base_ware;
    int make_type;
    int mk_loop;
    char sw_buf[1];

    /* */
    if (argc < 5) {
        printf("usage: wttgcc [output_dir] "
            "[start_warehouse] "
            "[end_warehouse] "
            "[maketype]..\n\n");
        printf("[maketype] make data seeds for rdbloader "
            "(multiple designation available).\n");
        printf("I:Item, D:District, W:Warehouse,
S:Stock,\n");
        printf("C:Customer, H:History,"
            "O:Orders/OrderLine/NewOrder\n");
        exit(1);
    }

    /* */
    strcpy( fileout, argv[1] );
    base_ware = atoi(argv[2]);
    last_ware = atoi(argv[3]);
    /* make_type = atoi(argv[3]); */
    count_ware = last_ware - base_ware;
    /*if (count_ware <= 0) { 1997.02.21 */
    if (count_ware < 0) {
        printf("%s: invalid warehouse count\n",argv[0]);
        exit(1);
    }

    /* system("date"); */
    /* printf("%s start\n",argv[0]); */
    printf("wttgcc : (%d-%dWH) ",base_ware,last_ware);
    for( mk_loop = 4; mk_loop <= argc-1; mk_loop++ )

        strcpy(sw_buf, argv[mk_loop]);

        switch( sw_buf[0] ){
            case 'I': printf("Item(%3d), ",ITEM_SIZE);
                break;
            case 'W': printf("Warehouse(%3d), ",WAREHOUSE_SIZE);
                break;
            case 'S': printf("Stock(%3d), ",STOCK_SIZE);
                break;
            case 'D': printf("District(%3d), ",DISTRICT_SIZE);
                break;
            case 'C': printf("Customer(%3d), ",CUSTOMER_SIZE);
                break;
            case 'H': printf("History(%3d), ",HISTORY_SIZE);
                break;
            case 'O': printf("Orders(%3d), N.Order(%3d), O.Line(%3d), ",
                ORDERS_SIZE,NEWORDER_SIZE,ORDERLINE_SIZE);
                break;
        }
        printf("to %s\n", fileout);

        /* :961127:K.Fukui: ITEM_ID (?)( 1 10 n
            I_ID )
            "TPCRANDBY" integer n (10000/n NURand ,
            *n )
            ( 1 < TPCRANDBY < MAXITEMS "1" ) */

        EnvGetI_ID = getenv( "TPCRANDBY" );

        if( EnvGetI_ID == NULL ){
            I_ID_Rand_by = 1;
            printf("wttgcc : "
                "TPCRANDBY: OL_I_ID \n");
        } else {
            I_ID_Rand_by = atoi( EnvGetI_ID );
            printf("wttgcc : "
                "TPCRANDBY: %d OL_I_ID \n", I_ID_Rand_by);

            if( ( I_ID_Rand_by < 1 ) || ( I_ID_Rand_by > MAXITEMS ) ){
                I_ID_Rand_by = 1;
                printf("wttgcc : "
                    "TPCRANDBY: (1 %d)."
                    " OL_I_ID \n",
                    MAXITEMS);
            }
        }

        /* :961127:K.Fukui: (above is all) */

        /* */
        set_seed(time(0));

        /* 1997-02-18 TAB ID 221(c_last NURand C) */
        /* NURand */
        /* c = random_number(0, 255); */
        printf("wttgcc : TAB ID 221 C-Delta = %d \n",C_DELTA) ;

```

```

printf("      C-Load NURAND      C = %d \n",C_LOAD );
printf("      C-Run  NURAND      C = %d \n",C_RUN  );

/*          */
time(&tod);
stm = localtime(&tod);
sprintf(yyyymmddhhmss,"%04d%02d%02d%02d%02d%02d",
stm->tm_year+1900,stm->tm_mon+1,stm-
>tm_mday,
stm->tm_hour,stm->tm_min,stm->tm_sec);

for( mk_loop = 4; mk_loop <= argc-1; mk_loop++){
strcpy(sw_buf, argv[mk_loop]);

switch( sw_buf[0]){
case 'I':
if ( base_ware == 1 )
{
printf(stderr,"wtpcc:  : ITEM
\n");
/* item */
item();
printf(stderr,"wtpcc:  : ITEM
\n");
}
else
{
printf("wtpcc:  : "
" warehouse '1'      ,"
"ITEM      \n");
}
break;

case 'W':
printf(stderr,"wtpcc:  : "
"WAREHOUSE (%d %dwh)      \n",
base_ware,last_ware);
/* warehouse */
warehouse(base_ware,last_ware);
printf(stderr,"wtpcc:  : "
"WAREHOUSE (%d %dwh)      \n",
base_ware,last_ware);
break;

case 'S':
printf(stderr,"wtpcc:  : "
"STOCK (%d %dwh)      \n",
base_ware, last_ware);
/* stock */
stock(base_ware,last_ware);
printf(stderr,"wtpcc:  : "
"STOCK (%d %dwh)      \n",
base_ware, last_ware);
break;

case 'D':
printf(stderr,"wtpcc:  : "
"DISTRICT (%d %dwh)      \n",
base_ware, last_ware);
/* district */
district(base_ware,last_ware);
printf(stderr,"wtpcc:  : "
"DISTRICT (%d %dwh)      \n",
base_ware, last_ware);
break;

case 'C':
printf(stderr,"wtpcc:  : "
"CUSTOMER (%d %dwh)      \n",
base_ware, last_ware);
/* customer */
customer(base_ware,last_ware);
printf(stderr,"wtpcc:  : "
"CUSTOMER (%d %dwh)      \n",
base_ware, last_ware);
break;

case 'H':
printf(stderr,"wtpcc:  : "
"HISTORY (%d %dwh)      \n",
base_ware, last_ware);
/* history */
history(base_ware,last_ware);
printf(stderr,"wtpcc:  : "
"HISTORY (%d %dwh)      \n",
base_ware, last_ware);
break;

case 'O':
printf(stderr,"wtpcc:  : "
"ORDERS/O.LINE/N.ORDER (%d %dwh)      \n",
base_ware, last_ware);
/* orders */
orders(base_ware,last_ware);
printf(stderr,"wtpcc:  : "
"ORDERS/O.LINE/N.ORDER (%d %dwh)      \n",
base_ware, last_ware);
}
}

/* system("date"); */

/* */
return(0);
}

/*
* Function: item()
* Description: item
* Parameters: nothing
* Grobals Ref: nothing
* Grobals Out: nothing
* Returns : nothing
*/

void
item()
{
short idatasiz;
short orig[MAXITEMS];
int pos;
int cnt;
long d_100 = 100.0;
/* 1997-02-18 fprintf -> sprintf + fwrite */
int item_lpcnt ;/* */
}

```



```

char *item_ap ; /* */
item_str *item_cp ; /* */

/* */
sprintf( filedum, "%s/data", fileout );

/*if ((fst1 = fopen( filedum, "w"))==NULL){ 1997.02.24 */
if ((op_item = open( filedum ,
O_WRONLY|O_CREAT|O_TRUNC,
S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH
))==NULL){
printf("wttppc: :%s: \n", filedum);
exit(1);
}

/* 1997-02-18 fprintf -> sprintf + fwrite */
/* ITEM */
item_ap = (char *)malloc((size_t)ITEM_SIZE*ITEM_COUNT);
if ( item_ap == NULL ) /* */ /* */
{
printf("Malloc failed.(item)\n") ; /* */ /* */
exit(1) ; /* */ /* */
}
item_cp = (item_str *)item_ap ; /* */ /* */
item_lpcnt = 0 ; /* */ /* */

/* orig MAXITEMS , i_data "ORIGINAL"
10 */
memset(orig, 0, sizeof(orig));
for (cnt = 0; cnt < (MAXITEMS / 10); cnt++) {
do {
pos = random_number(1, MAXITEMS);
} while (orig[pos - 1]);
orig[pos - 1] = 1;
}

/* i_id 1-MAXITEMS , MAXITEMS */
/* item */
for (i_id = 1; i_id <= MAXITEMS; i_id++) {

/* i_name */
make_alpha_string(14, 24, i_name);

/* i_data , 10% ORIGINAL */
idatasiz = make_alpha_string(26, 50, i_data);
if (orig[i_id - 1]) {
pos = random_number(0, idatasiz - 8);
strncpy(&i_data[pos], "ORIGINAL", 8);
}

/* record : : 1997-02-27 */
memset(item_cp->i_name, ' ', 24) ;
len_i = strlen(i_name) ;
strncpy(item_cp->i_name,i_name,len_i) ;
memset(item_cp->i_data, ' ', 50) ;
len_i = strlen(i_data) ;
strncpy(item_cp->i_data,i_data,len_i) ;

/* record : : 96/09/06 */
item_cp->i_id_1 = i_id / T256;
item_cp->i_id_2 = (i_id - ( i_id_1 * T256 )) / D256;
item_cp->i_id_3 = (i_id - ( i_id_1 * T256 )
- ( i_id_2 * D256 )) / 256 ;

item_cp->i_id_4 = i_id % T256 ;

/* i_im_id : 97-02-18 start */
i_im_id = random_number(1, 10000);
item_cp->i_im_id_1 = i_im_id / T256;
item_cp->i_im_id_2 = (i_im_id - (i_im_id_1 * T256)) / D256;
item_cp->i_im_id_3 = (i_im_id - (i_im_id_1 * T256)
- (i_im_id_2 * D256)) / 256;
item_cp->i_im_id_4 = i_im_id % T256;
/* i_im_id : 97-02-18 end */

/* i_price */
/* i_price /= d_100; */
i_price = random_number(100, 10000);
item_cp->i_price_1 = i_price / 256 ;
item_cp->i_price_2 = i_price % 256 ;

item_cp = item_cp + 1 ;
item_lpcnt = item_lpcnt + 1 ;

if ( item_lpcnt == ITEM_COUNT )
{
write(op_item,
item_ap,
(size_t)ITEM_SIZE * (size_t)ITEM_COUNT ) ;
item_cp = (item_str *)item_ap ;
item_lpcnt = 0 ;
}

/* 1997-02-18 fprintf -> sprintf + fwrite */
if ( item_lpcnt != 0 )
{
write(op_item,
item_ap,
(size_t)ITEM_SIZE * (size_t)item_lpcnt ) ;
}

/* */
close(op_item);

/* */
free(item_ap) ;

/* */
return;

/*
* Function: warehouse()
* Description: warehouse
* Parameters: 1. base_ware,
* Parameters: 2. last_ware,
* Globals Ref: nothing
* Returns : nothing
*/

void
warehouse(base_ware,last_ware)
int base_ware;
int last_ware;
{

```

```

/* */
int filecount = 1;
int outfilecount;
char filename[64];

long d_10000 = 10000.0;
/* w_ytd = 300000.00; record */
w_ytd = 30000000; /* 98-11-06 */
outfilecount = ((base_ware-1)/10) + 1;

/* */
sprintf(filename, "%s/WH%d_%d", fileout, base_ware,
last_ware);
if ((fst2 = fopen(filename, "w"))==NULL){
    printf("wttppc: :%s: \n",filename);
    exit(1);
}

/* w_id , count_ware */
/* warehouse */
for (w_id = base_ware; w_id <= last_ware; w_id++) {

    /* w_name */
    make_alpha_string(6, 10, w_name);

    /* */
    make_address(w_street_1, w_street_2, w_city, w_state,
w_zip);

    /* w_tax /= d_10000; */
    w_tax = random_number(0, 2000);

    /* record : : 96/09/06 fukui */

    w_id_1 = w_id / 256;
    w_id_2 = w_id % 256;
    w_tax_1 = w_tax / 256;
    w_tax_2 = w_tax % 256;
    w_ytd_1 = 0x00; /* w_ytd: +300000.00 */
    w_ytd_2 = 0x00;
    w_ytd_3 = 0x03;
    w_ytd_4 = 0x00;
    w_ytd_5 = 0x00;
    w_ytd_6 = 0x00;
    w_ytd_7 = 0x0c;

    fprintf(fst2 ,
"%c%c"
"%-10s"
"%-20s"
"%-20s"
"%-20s"
"%-2s"
"%-9s"
"%c%c"
"%c%c%c%c%c%c%c%c",
w_id_1,w_id_2,
w_name,
w_street_1,w_street_2,
w_city,
w_state,
w_zip,
w_tax_1,w_tax_2,
w_ytd_1,w_ytd_2,w_ytd_3,w_ytd_4,w_ytd_5,w_ytd_6,w_ytd_7);

    filecount++;
}

/* */
fclose(fst2);

/* */
return;
}

/*
 * Function: stock()
 * Description: stock
 * Parameters: 1. base_ware,
 * Parameters: 2. last_ware,
 * Grobals Ref: nothing
 * Grobals Out: nothing
 * Returns : nothing
 */

void
stock(base_ware,last_ware)
int base_ware;
int last_ware;
{
    /* */
    short sdatasiz;
    short orig[MAXITEMS];
    int pos;
    int cnt;
    int filecount = 1;
    int outfilecount;
    char filename[64];
    /* 1997-02-18 fprintf -> sprintf + fwrite */
    int stock_lpcnt ; /* */
    char *stock_ap ; /* */
    stock_str *stock_cp ; /* */

    s_ytd = 0;
    s_order_cnt = 0;
    s_remote_cnt = 0;
    outfilecount = ((base_ware-1)/10) + 1;

    /* */
    sprintf(filename, "%s/ST%d_%d", fileout, base_ware, last_ware);
    /*if ((fst3 = fopen(filename, "w"))==NULL){ 1997.02.24 */
    if ((op_stock = open( filename, O_WRONLY | O_CREAT | O_TRUNC,
S_IRUSR | S_IWUSR | S_IRGRP | S_IWGRP | S_IROTH ))==NULL){
        printf("wttppc: :%s: \n", filename);
        exit(1);
    }

    /* 1997-02-18 fprintf -> sprintf + fwrite */
    /* STOCK */
    stock_ap = (char *)malloc((size_t)STOCK_SIZE*STOCK_COUNT);
    if ( stock_ap == NULL )
    {
        /* */
        printf("Malloc failed.(stock)\n") ; /* */
        exit(1) ; /* */
    }
}

```

```

}
stock_cp = (stock_str *)stock_ap
stock_lpcnt = 0

/* w_id count_ware */
for (s_w_id = base_ware; s_w_id <= last_ware; s_w_id++){

    fprintf(stderr,"wtpcc: : "
        "STOCK %d/%d %d \n",
        s_w_id, base_ware, last_ware);

    /* orig MAXSTOCK */
    10 memset(orig, 0, sizeof(orig));
    for (cnt = 0; cnt < (MAXSTOCK / 10); cnt++) {
        do {
            pos = random_number(1, MAXSTOCK);
        } while (orig[pos - 1]);
        orig[pos - 1] = 1;
    }

    /* s_i_id , MAXSTOCK */
    /* stock */
    for (s_i_id = 1; s_i_id <= MAXSTOCK; s_i_id++) {

        /* s_quantity */
        s_quantity = random_number(10, 100);

        /* s_dist_01 .. s_dist_10 */
        make_alpha_string(24, 24, s_dist_01);
        make_alpha_string(24, 24, s_dist_02);
        make_alpha_string(24, 24, s_dist_03);
        make_alpha_string(24, 24, s_dist_04);
        make_alpha_string(24, 24, s_dist_05);
        make_alpha_string(24, 24, s_dist_06);
        make_alpha_string(24, 24, s_dist_07);
        make_alpha_string(24, 24, s_dist_08);
        make_alpha_string(24, 24, s_dist_09);
        make_alpha_string(24, 24, s_dist_10);

        /* s_data , 10% ORIGINAL */
        sdatasiz = make_alpha_string(26, 50, s_data);
        if (orig[s_i_id - 1]) {
            pos = random_number(0, sdatasiz - 8);
            strncpy(&s_data[pos], "ORIGINAL", 8);
        }

        /* record : : 1997-02-27 */
        strncpy(stock_cp->s_dist_01,s_dist_01,24) ;
        strncpy(stock_cp->s_dist_02,s_dist_02,24) ;
        strncpy(stock_cp->s_dist_03,s_dist_03,24) ;
        strncpy(stock_cp->s_dist_04,s_dist_04,24) ;
        strncpy(stock_cp->s_dist_05,s_dist_05,24) ;
        strncpy(stock_cp->s_dist_06,s_dist_06,24) ;
        strncpy(stock_cp->s_dist_07,s_dist_07,24) ;
        strncpy(stock_cp->s_dist_08,s_dist_08,24) ;
        strncpy(stock_cp->s_dist_09,s_dist_09,24) ;
        strncpy(stock_cp->s_dist_10,s_dist_10,24) ;

        memset(stock_cp->s_data,' ',50) ;
        len_i = strlen(s_data) ;
        strncpy(stock_cp->s_data,s_data,len_i) ;

        /* record : : 96/09/09 fukui */
        stock_cp->s_i_id_1 = s_i_id / T256;
        stock_cp->s_i_id_2 = (s_i_id - (s_i_id_1 * T256)) / D256;
        stock_cp->s_i_id_3 = (s_i_id - (s_i_id_1 * T256)
            - (s_i_id_2 * D256)) / 256;
        stock_cp->s_i_id_4 = s_i_id % T256;
        stock_cp->s_w_id_1 = s_w_id / 256;
        stock_cp->s_w_id_2 = s_w_id % 256;
        stock_cp->s_quantity_1 = s_quantity / 256;
        stock_cp->s_quantity_2 = s_quantity % 256;
        stock_cp->s_ytd_1 = s_ytd / T256;
        stock_cp->s_ytd_2 = (s_ytd - (s_ytd_1*T256)) / D256;
        stock_cp->s_ytd_3 = (s_ytd - (s_ytd_1*T256)-(s_ytd_2*D256)) /
            256;

        stock_cp->s_ytd_4 = s_ytd % T256;
        stock_cp->s_order_cnt_1 = s_order_cnt / 256;
        stock_cp->s_order_cnt_2 = s_order_cnt % 256;
        stock_cp->s_remote_cnt_1 = s_remote_cnt / 256;
        stock_cp->s_remote_cnt_2 = s_remote_cnt % 256;

        stock_cp = stock_cp + 1 ;
        stock_lpcnt = stock_lpcnt + 1 ;

        if ( stock_lpcnt == STOCK_COUNT )
        {
            write(op_stock,
                stock_ap,
                (size_t)STOCK_SIZE * (size_t)STOCK_COUNT ) ;
            stock_cp = (stock_str *)stock_ap ;
            stock_lpcnt = 0 ;
        }
        filecount++;
    }

    /* 1997-02-18 fprintf -> sprintf + fwrite */
    if ( stock_lpcnt != 0 )
    {
        write(op_stock,
            stock_ap,
            (size_t)STOCK_SIZE * (size_t)stock_lpcnt ) ;
    }

    /* */
    close(op_stock);

    /* */
    free(stock_ap) ;

    /* */
    return;
}

/*
 * Function: district()
 * Description: district
 * Parameters: 1. base_ware,
 * Parameters: 2. last_ware,
 * Grobals Ref: nothing
 * Grobals Out: nothing
 * Returns : nothing

```

```

*/
void
district(base_ware,last_ware)
int base_ware;
int last_ware;
{
    /* */
    long d_10000 = 10000.0;
    int filecount = 1;
    int outfilecount;
    char filename[64];

/* d_ytd = 30000.00; record */
d_ytd = 3000000; /* 98-11-06 */
d_next_o_id = 3001;
outfilecount = ((base_ware-1)/10) +1;

    /* */
    sprintf(filename, "%s/DI%d%d", fileout, base_ware,
last_ware);
    if ((fst4 = fopen(filename, "w"))==NULL){
        printf("wttppc: : %s: \n", filename);
        exit(1);
    }

/* w_id , count_ware */
for (d_w_id = base_ware; d_w_id <= last_ware; d_w_id++){

    /* d_id , DIST_PER_WARE */
    for (d_id = 1; d_id <= DIST_PER_WARE; d_id++){

        /* d_name */
        make_alpha_string(6, 10, d_name);

        /* */
        make_address(d_street_1, d_street_2, d_city, d_state,
d_zip);

        /* d_tax */
/* d_tax /= d_10000; */
d_tax = random_number(0, 2000);

        /* record : : 96-09-06 fukui */
d_id_1 = d_id / 256;
d_id_2 = d_id % 256;
d_w_id_1 = d_w_id / 256;
d_w_id_2 = d_w_id % 256;
d_tax_1 = d_tax / 256;
d_tax_2 = d_tax % 256;
d_ytd_1 = 0x00; /* d_ytd: 30000.00 */
d_ytd_2 = 0x00;
d_ytd_3 = 0x00;
d_ytd_4 = 0x30;
d_ytd_5 = 0x00;
d_ytd_6 = 0x00;
d_ytd_7 = 0x0c;
d_next_o_id_1 = d_next_o_id / T256;
d_next_o_id_2 = (d_next_o_id-
(d_next_o_id_1*T256))/D256;
d_next_o_id_3 = (d_next_o_id-(d_next_o_id_1*T256)
-(d_next_o_id_2*D256))/256;
d_next_o_id_4 = d_next_o_id % T256;

        fprintf(fst4, "%c%c"
"%c%c"
"%-10s"
"%-20s%-20s%-20s%-2s%-9s"
"%c%c"
"%c%c%c%c%c%c%c%c"
"%c%c%c%c",
d_id_1,d_id_2,
d_w_id_1,d_w_id_2,
d_name,
d_street_1,d_street_2,d_city,d_state,d_zip,
d_tax_1,d_tax_2,
d_ytd_1,d_ytd_2,d_ytd_3,d_ytd_4,d_ytd_5,d_ytd_6,d_ytd_7,
d_next_o_id_1,d_next_o_id_2,d_next_o_id_3,d_next_o_id_4);
    }
    filecount++;
}

/* */
fclose(fst4);

/* */
return;

}

/*
 * Function: customer()
 * Description: customer
 * Parameters: 1. base_ware,
 * Parameters: 2. last_ware,
 * Globals Ref: yyyyymmddhhmmss,
 * Globals Out: nothing
 * Returns : nothing
 */

void
customer(base_ware,last_ware)
int base_ware;
int last_ware;
{
    /* */
    long d_10000 = 1000.0;
    long d_100 = 100.0;
    int filecount = 1;
    int outfilecount;
    char filename1[64];
    /* 1997-02-18 fprintf -> sprintf + fwrite */
    int customer_lpcnt ; /* */
    char *customer_ap ; /* */
    customer_str *customer_cp ; /* */

/* c_credit_lim = 50000.00; record */
c_credit_lim = 5000000; /* 1998.11.06 */
/* c_balance = -10.00; record */
c_balance = -1000; /* 1998.11.06 */
/* c_ytd_payment = 10.00; record */
c_ytd_payment = 1000; /* 1998.11.06 */
c_payment_cnt = 0; /* 1997.03.05 */
c_delivery_cnt = 0;
}

```

```

strcpy(c_middle, "OE");
strcpy(c_since, yyyyymmddhhmmss);

outfilecount = ((base_ware-1)/10) +1;
/* */
sprintf(filename1, "%s/CU%d%d", fileout, base_ware,
last_ware);
/*if ((fst5 = fopen(filename1, "w"))==NULL){ 1997.02.24 */
if ((op_customer = open(
filename1,O_WRONLY|O_CREAT|O_TRUNC, /*
S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH /*
))==NULL){
printf("wttppc: :%s: \n", filename1);
exit(1);
}

/* 1997-02-18 fprintf -> sprintf + fwrite */
/* CUSTOMER */
customer_ap = (char
*malloc(size_t)(CUSTOMER_SIZE*CUSTOMER_COUNT) );
if ( customer_ap == NULL ) /* */
{
printf("Malloc failed.(customer)\n") /* */
exit(1) /* */
}
customer_cp = (customer_str *)customer_ap ; /* */
customer_lpcnt = 0 /* */

/* w_id count_ware */
for (c_w_id = base_ware; c_w_id <= last_ware; c_w_id++){
\n"
fprintf(stderr,"wttppc: : CUSTOMER %d/%d %d
,c_w_id, base_ware,last_ware); /*

/* d_id DIST_PER_WARE */
for (c_d_id = 1; c_d_id <= DIST_PER_WARE; c_d_id++){

/* c_id CUST_PER_DIST */
/* coustomer, history */
for (c_id = 1; c_id <= CUST_PER_DIST; c_id++) {
make_alpha_string(8, 16, c_first) ;

/* 1997-02-18 TAB ID 221(c_last NURand C) */
/* 1000 , 2000 */
/* lastname c_last */
if (c_id <= 1000) {
lastname(c_id - 1, c_last);
} else {
lastname(nurand(255, 0, 999,C_LOAD),
c_last);
}

/* , */
make_address(c_street_1, c_street_2, c_city,
c_state, c_zip);

make_number_string(16, 16, c_phone);

/* c_credit 10% BC, 90% GC */
if (random_number(0, 9)) {
strcpy(c_credit, "GC");
} else {
strcpy(c_credit, "BC");
}

/* c_discount */
c_discount = random_number(0, 5000);

/* c_data */
make_alpha_string(300, 500, c_data); /*
len_V = make_alpha_string_V(300, 500, c_data);

/* record : :1997-02-27 */
memset(customer_cp, ' ', CUSTOMER_SIZE) ;
len_i = strlen(c_first) ;
strncpy(customer_cp->c_first ,c_first ,len_i) ;
strncpy(customer_cp->c_middle ,c_middle ,2 ) ;
len_i = strlen(c_last) ;
strncpy(customer_cp->c_last ,c_last ,len_i) ;

len_i = strlen(c_street_1) ;
strncpy(customer_cp->c_street_1,c_street_1,len_i) ;
len_i = strlen(c_street_2) ;
strncpy(customer_cp->c_street_2,c_street_2,len_i) ;
len_i = strlen(c_city) ;
strncpy(customer_cp->c_city ,c_city ,len_i) ;
strncpy(customer_cp->c_state ,c_state ,2 ) ;
strncpy(customer_cp->c_zip ,c_zip ,9 ) ;
strncpy(customer_cp->c_phone ,c_phone ,16 ) ;
strncpy(customer_cp->c_since ,c_since ,14 ) ;
strncpy(customer_cp->c_credit ,c_credit ,2 ) ;

len_i = strlen(c_data) ;
strncpy(customer_cp->c_data ,c_data ,len_i) ; /*
memcpy(customer_cp->c_data ,c_data ,len_V) ;

/* record : : 96/09/09 fukui */

c_id_1 = c_id / 256;
c_id_2 = c_id % 256;

/*
/* 97-02-18 c_id short -> int */
customer_cp->c_id_1 = c_id / T256;
customer_cp->c_id_2 = (c_id - (c_id_1 * T256)) / D256;
customer_cp->c_id_3 = (c_id - (c_id_1 * T256)
- (c_id_2 * D256)) / 256;
customer_cp->c_id_4 = c_id % T256;

customer_cp->c_d_id_1 = c_d_id / 256;
customer_cp->c_d_id_2 = c_d_id % 256;
customer_cp->c_w_id_1 = c_w_id / 256;
customer_cp->c_w_id_2 = c_w_id % 256;
customer_cp->c_credit_lim_1 = 0x00; /*
c_credit_lim:+50000.00*/
customer_cp->c_credit_lim_2 = 0x00;
customer_cp->c_credit_lim_3 = 0x00;
customer_cp->c_credit_lim_4 = 0x50;
customer_cp->c_credit_lim_5 = 0x00;
customer_cp->c_credit_lim_6 = 0x00;
customer_cp->c_credit_lim_7 = 0x0c;
customer_cp->c_discount_1 = c_discount / 256;
customer_cp->c_discount_2 = c_discount % 256;
customer_cp->c_balance_1 = 0x00; /* c_balance: -10.00 */

```



```

        make_alpha_string(12, 24, h_data);

        /* record   :   : 1997-02-27 */
        memset(history_cp->h_data, ' ', 24) ;
        len_i = strlen(h_data) ;
        strncpy(history_cp->h_data,h_data,len_i) ;
        strncpy(history_cp->h_date,h_date,14 ) ;

/* 97-02-18 h_c_id      short -> int */
        history_cp->h_c_id_1= h_c_id / T256;
        history_cp->h_c_id_2=(h_c_id - (h_c_id_1 *
T256)) / D256;
        history_cp->h_c_id_3=(h_c_id - (h_c_id_1 *
T256)
        - (h_c_id_2 * D256)) / 256;
        history_cp->h_c_id_4= h_c_id % T256;

        history_cp->h_c_d_id_1 = h_c_d_id / 256;
        history_cp->h_c_d_id_2 = h_c_d_id % 256;
        history_cp->h_c_w_id_1 = h_c_w_id / 256;
        history_cp->h_c_w_id_2 = h_c_w_id % 256;
        history_cp->h_d_id_1 = h_d_id / 256;
        history_cp->h_d_id_2 = h_d_id % 256;
        history_cp->h_w_id_1 = h_w_id / 256;
        history_cp->h_w_id_2 = h_w_id % 256;
        history_cp->h_amount_1 = h_amount / T256;
        history_cp->h_amount_2 = (h_amount -
(h_amount_1*T256)) / D256;
        history_cp->h_amount_3 = (h_amount -
(h_amount_1*T256)
        - (h_amount_2*D256)) / D256;
        history_cp->h_amount_4 = h_amount % T256;

        history_cp = history_cp + 1 ;
        history_lpcnt = history_lpcnt + 1 ;

        if ( history_lpcnt == HISTORY_COUNT )
        {
            write(op_history ,
                history_ap ,
                (size_t)HISTORY_SIZE *(size_t)HISTORY_COUNT) ;
            history_cp = (history_str *)history_ap ;
            history_lpcnt = 0 ;
        }
    }
    filecount++;
}

/* 1997-02-18 fprintf -> sprintf + fwrite */
if ( history_lpcnt != 0 )
{
    write(op_history ,
        history_ap ,
        (size_t)HISTORY_SIZE *(size_t)history_lpcnt) ;
}

/*          */
close(op_history) ;

/*          */
free(history_ap) ;

/*          */
return;
}

/*
 * Function: orders()
 * Description: orders, order_line, new_order
 * Parameters: 1. base_ware,
 * Parameters: 1. last_ware,
 * Globals Ref: yyyyymmddhhmmss,
 * Globals Out: nothing
 * Returns : nothing
 */

void
orders(base_ware,last_ware)
int base_ware;
int last_ware;
{
    /*          */
    double d_100 = 100;
    int filecount = 1;
    int outfilecount;
    char filename1[64];
    char filename2[64];
    char filename3[64];
    short d_id;
    short w_id;
    int o_id;
    /* 1997-02-18 fprintf -> sprintf + fwrite */
    int orders_lpcnt ; /*          */
    char *orders_ap ; /*          */
    orders_str *orders_cp ; /*          */
    int orderline_lpcnt ; /*          */
    char *orderline_ap ; /*          */
    orderline_str *orderline_cp ; /*          */

    o_all_local = 1;
    ol_quantity = 5;
    outfilecount = ((base_ware-1)/10) + 1;

    /*          */
    sprintf(filename1 , "%s/OS%d_%d" ,fileout, base_ware, last_ware);
    /*if ((fst7 = fopen(filename1 , "w"))==NULL){ 1997.02.24 */
    if ((op_orders = open( filename1,O_WRONLY|O_CREAT|O_TRUNC,
        S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH ))==NULL){
        printf("wttpcc: :%s: \n" , filename1);
        exit(1);
    }
    sprintf(filename2 , "%s/NO%d_%d" ,fileout, base_ware, last_ware);
    if ((fst8 = fopen(filename2 , "w"))==NULL){
        printf("wttpcc: :%s: \n" , filename2);
        exit(1);
    }
    sprintf(filename3 , "%s/OL%d_%d" ,fileout, base_ware, last_ware);
    /*if ((fst9 = fopen(filename3 , "w"))==NULL){ 1997.02.24 */
    if ((op_orderline = open( filename3,O_WRONLY|O_CREAT|O_TRUNC,
        S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH ))==NULL){
        printf("wttpcc: :%s: \n" , filename3);
        exit(1);
    }
}

```

```

/* 1997-02-18 fprintf -> sprintf + fwrite */
/* ORDERS */
/* ORDERLINE */
orders_ap = (char
*)malloc((size_t)(ORDERS_SIZE*ORDERS_COUNT)
+ (ORDERLINE_SIZE*ORDERLINE_COUNT));
if ( orders_ap == NULL )
{
printf("Malloc failed.(orders)\n") ;/* */
exit(1) ;/* */
}
orderline_ap = orders_ap + (ORDERS_SIZE*ORDERS_COUNT) ;
orders_cp = (orders_str *)orders_ap ;/* */
orderline_cp = (orderline_str *)orderline_ap; /* */
orders_lpcnt = 0 ;/* */
orderline_lpcnt = 0 ;/* */

/* w_id , count_ware */
for (w_id = base_ware; w_id <= last_ware; w_id++){
fprintf(stderr,"wtpcc: : ORDERS/O.LINE/N.ORDER
%d/%d %d \n"
,w_id, base_ware,
last_ware);

/* d_id , DIST_PER_WARE */
for (d_id = 1; d_id <= DIST_PER_WARE; d_id++){

/* o_c_id */
init_permutation());

/* o_id 1-ORD_PER_DIST , ORD_PER_DIST */
/* orders */
for (o_id = 1; o_id <= ORD_PER_DIST; o_id++){

no_o_id = o_id;
no_w_id = w_id;
no_d_id = d_id;
o_id = o_id;
o_w_id = w_id;
o_d_id = d_id;
o_ol_cnt = random_number(5, 15);
strcpy(o_entry_d, yyymmddhhmmss);
ol_o_id = o_id;
ol_w_id = w_id;
ol_d_id = d_id;
ol_supply_w_id = w_id;

/* o_c_id 1997-02-18 */
/* o_c_id init_permutation */
/* 1 CUST_PER_DIST */
/* */
counter++;
/* ocid counter-1 */
o_c_id = ocid[counter - 1] ;

orders_cp->o_entry_d_v1 = NNUL_V;
orders_cp->o_entry_d_v2 = NNUL_V;
strcpy(orders_cp->o_entry_d,o_entry_d,14) ;

/* o_id>2100 , */
/* , new_order */

if (o_id > (ORD_PER_DIST - NEWORDS)){
/* ocarrier_id */
/* o_carrier_id = 0x00; */ /* NULL */
orders_cp->o_carrier_id_v1 = NNUL_V;
orders_cp->o_carrier_id_v2 = NNUL_V;
orders_cp->o_carrier_id_1 = 0x00;
orders_cp->o_carrier_id_2 = 0x00;

/* orders record : : 96/09/09 fukui */
/* ( NULL ) */
orders_cp->o_id_v1 = NNUL_V;
orders_cp->o_id_v2 = NNUL_V;
orders_cp->o_id_1 = o_id / T256;
orders_cp->o_id_2 = (o_id-(o_id_1*T256))/D256;
orders_cp->o_id_3 = (o_id-(o_id_1*T256)-
(o_id_2*D256))/256;

orders_cp->o_id_4 = o_id % T256;

orders_cp->o_d_id_v1 = NNUL_V;
orders_cp->o_d_id_v2 = NNUL_V;
orders_cp->o_d_id_1 = o_d_id / 256;
orders_cp->o_d_id_2 = o_d_id % 256;

orders_cp->o_w_id_v1 = NNUL_V;
orders_cp->o_w_id_v2 = NNUL_V;
orders_cp->o_w_id_1 = o_w_id / 256;
orders_cp->o_w_id_2 = o_w_id % 256;

/* 97-02-18 o_c_id short->int */
orders_cp->o_c_id_v1 = NNUL_V;
orders_cp->o_c_id_v2 = NNUL_V;
orders_cp->o_c_id_1 = o_c_id / T256;
orders_cp->o_c_id_2 = (o_c_id-(o_c_id_1*T256)) /
D256;

orders_cp->o_c_id_3 = (o_c_id-(o_c_id_1*T256)
-(o_c_id_2*D256))/256;
orders_cp->o_c_id_4 = o_c_id % T256;

orders_cp->o_ol_cnt_v1 = NNUL_V;
orders_cp->o_ol_cnt_v2 = NNUL_V;
orders_cp->o_ol_cnt_1 = o_ol_cnt / 256;
orders_cp->o_ol_cnt_2 = o_ol_cnt % 256;

orders_cp->o_all_local_v1 = NNUL_V;
orders_cp->o_all_local_v2 = NNUL_V;
orders_cp->o_all_local_1 = o_all_local / 256;
orders_cp->o_all_local_2 = o_all_local % 256;

/* Neworder record : : 96/09/09 fukui */
no_o_id_1 = no_o_id / T256;
no_o_id_2 = (no_o_id-(no_o_id_1*T256))/D256;
no_o_id_3 =(no_o_id-(no_o_id_1*T256)-
(no_o_id_2*D256))/256;

no_o_id_4 = no_o_id % T256;
no_d_id_1 = no_d_id / T256;
no_d_id_2 = no_d_id % 256;
no_w_id_1 = no_w_id / 256;
no_w_id_2 = no_w_id % 256;
fprintf(fst8 , "%c%c%c%c"
"%c%c%c%c",
no_o_id_1,no_o_id_2,no_o_id_3,no_o_id_4,
no_d_id_1,no_d_id_2,no_w_id_1,no_w_id_2);

```



```

} else {
    /* ocarrier_id */
    o_carrier_id = random_number(1, 10);

    orders_cp->o_carrier_id_v1 = NNUL_V;
    orders_cp->o_carrier_id_v2 = NNUL_V;
    orders_cp->o_carrier_id_1 = o_carrier_id

/ 256;
% 256;

    orders_cp->o_carrier_id_2 = o_carrier_id

/* order record : : 96/09/09 fukui */
    orders_cp->o_id_v1 = NNUL_V;
    orders_cp->o_id_v2 = NNUL_V;
    orders_cp->o_id_1 = o_id / T256;
    orders_cp->o_id_2 = (o_id-
(o_id_1*T256))/D256;
(o_id_2*D256))/256;

    orders_cp->o_id_3 = (o_id-(o_id_1*T256)-
orders_cp->o_id_4 = o_id % T256;

    orders_cp->o_d_id_v1 = NNUL_V;
    orders_cp->o_d_id_v2 = NNUL_V;
    orders_cp->o_d_id_1 = o_d_id / 256;
    orders_cp->o_d_id_2 = o_d_id % 256;

    orders_cp->o_w_id_v1 = NNUL_V;
    orders_cp->o_w_id_v2 = NNUL_V;
    orders_cp->o_w_id_1 = o_w_id / 256;
    orders_cp->o_w_id_2 = o_w_id % 256;

/* 97-02-18 o_c_id short->int */
    orders_cp->o_c_id_v1 = NNUL_V;
    orders_cp->o_c_id_v2 = NNUL_V;
    orders_cp->o_c_id_1 = o_c_id / T256;
    orders_cp->o_c_id_2 = (o_c_id-
(o_c_id_1*T256)) / D256;
(o_c_id_1*T256)
    orders_cp->o_c_id_3 = (o_c_id-
(o_c_id_2*D256))/256;
    orders_cp->o_c_id_4 = o_c_id % T256;

    orders_cp->o_ol_cnt_v1 = NNUL_V;
    orders_cp->o_ol_cnt_v2 = NNUL_V;
    orders_cp->o_ol_cnt_1 = o_ol_cnt / 256;
    orders_cp->o_ol_cnt_2 = o_ol_cnt % 256;

    orders_cp->o_all_local_v1 = NNUL_V;
    orders_cp->o_all_local_v2 = NNUL_V;
    orders_cp->o_all_local_1 = o_all_local /
256;
256;

    orders_cp->o_all_local_2 = o_all_local %

}

orders_cp = orders_cp + 1 ;
orders_lpcnt = orders_lpcnt + 1 ;
if ( orders_lpcnt == ORDERS_COUNT )
{
    write(op_orders ,
orders_ap ,
(size_t)ORDERS_SIZE * (size_t)ORDERS_COUNT) ;

orders_cp = (orders_str *)orders_ap ;
orders_lpcnt = 0 ;
}

/* ol_number ,o_olcnt */
/* order_line */
for (ol_number = 1; ol_number <= o_ol_cnt; ol_number++)
{
    /* ol_i_id, ol_dist_info */
    /* ol_i_id = random_number(1, MAXITEMS); */

/* :961127:K.Fukui: I_ID (main ) */
    ol_i_id = random_number( 1, MAXITEMS /
I_ID_Rand_by);
    ol_i_id = ol_i_id * I_ID_Rand_by;

    make_alpha_string(24, 24, ol_dist_info);
    orderline_cp->ol_dist_info_v1 = NNUL_V;
    orderline_cp->ol_dist_info_v2 = NNUL_V;
    strncpy(orderline_cp->ol_dist_info,ol_dist_info,24) ;

/* o_id>2100 */
/* ol_amount */
/* : */
if (o_id > (CUST_PER_DIST - NEWWORDS))
{
    /* ol_amount /= d_100; */
    ol_amount = random_number(1, 999999);

/* orderline */

/*ol_delivery_d = NULL;*/
    orderline_cp->ol_delivery_d_v1 = NUL_V;
    orderline_cp->ol_delivery_d_v2 = NUL_V;

    orderline_cp->ol_o_id_v1 = NNUL_V;
    orderline_cp->ol_o_id_v2 = NNUL_V;
    orderline_cp->ol_o_id_1 = ol_o_id / T256;
    orderline_cp->ol_o_id_2 = (ol_o_id-
(ol_o_id_1*T256)
/D256;
    orderline_cp->ol_o_id_3 = (ol_o_id-
(ol_o_id_2*T256))/256;
    orderline_cp->ol_o_id_4 = ol_o_id % T256;

    orderline_cp->ol_d_id_v1 = NNUL_V;
    orderline_cp->ol_d_id_v2 = NNUL_V;
    orderline_cp->ol_d_id_1 = ol_d_id / 256;
    orderline_cp->ol_d_id_2 = ol_d_id % 256;

    orderline_cp->ol_w_id_v1 = NNUL_V;
    orderline_cp->ol_w_id_v2 = NNUL_V;
    orderline_cp->ol_w_id_1 = ol_w_id / 256;
    orderline_cp->ol_w_id_2 = ol_w_id % 256;

    orderline_cp->ol_number_v1 = NNUL_V;
    orderline_cp->ol_number_v2 = NNUL_V;
    orderline_cp->ol_number_1 = ol_number / 256;
    orderline_cp->ol_number_2 = ol_number % 256;
}

```

```

NNUL_V;
NNUL_V;
T256;
(ol_i_id_1*T256))
(ol_i_id_1*T256)
T256;
= NNUL_V;
= NNUL_V;
ol_supply_w_id / 256;
ol_supply_w_id % 256;

NNUL_V;
NNUL_V;
ol_quantity / 256;
ol_quantity % 256;

NNUL_V;
NNUL_V;
ol_amount / T256;
(ol_amount
(ol_amount
ol_amount % T256;

} else {
ol_amount = 0;

strcpy(ol_delivery_d,
orderline_cp->ol_delivery_d_v1 =
orderline_cp->ol_delivery_d_v2 =

strncpy(orderline_cp->ol_delivery_d,
ol_delivery_d,14);

orderline_cp->ol_o_id_v1 =

orderline_cp->ol_i_id_v1 =
orderline_cp->ol_i_id_v2 =
orderline_cp->ol_i_id_1 = ol_i_id /
orderline_cp->ol_i_id_2 = (ol_i_id-
/D256;
orderline_cp->ol_i_id_3 = (ol_i_id-
-(ol_i_id_2*D256))/256;
orderline_cp->ol_i_id_4 = ol_i_id %

orderline_cp->ol_supply_w_id_v1
orderline_cp->ol_supply_w_id_v2
orderline_cp->ol_supply_w_id_1 =
orderline_cp->ol_supply_w_id_2 =

orderline_cp->ol_quantity_v1 =
orderline_cp->ol_quantity_v2 =
orderline_cp->ol_quantity_1 =
orderline_cp->ol_quantity_2 =

orderline_cp->ol_amount_v1 =
orderline_cp->ol_amount_v2 =
orderline_cp->ol_amount_1 = ol_supply_w_id / 256;
orderline_cp->ol_amount_2 = ol_supply_w_id % 256;
-(ol_amount_1*T256))/D256;
orderline_cp->ol_amount_3 =
-(ol_amount_1*T256)
-(ol_amount_2*D256))/256;
orderline_cp->ol_amount_4 =

}

yyymmddhhmmss);
NNUL_V;
NNUL_V;

NNUL_V;

orderline_cp->ol_o_id_v2 = NNUL_V;
orderline_cp->ol_o_id_1 = ol_o_id / T256;
orderline_cp->ol_o_id_2 = (ol_o_id
-(ol_o_id_1*T256))/D256;
orderline_cp->ol_o_id_3 = (ol_o_id
-(ol_o_id_1*T256)
-(ol_o_id_2*D256))/256;
orderline_cp->ol_o_id_4 = ol_o_id % T256;

orderline_cp->ol_d_id_v1 = NNUL_V;
orderline_cp->ol_d_id_v2 = NNUL_V;
orderline_cp->ol_d_id_1 = ol_d_id / 256;
orderline_cp->ol_d_id_2 = ol_d_id % 256;

orderline_cp->ol_w_id_v1 = NNUL_V;
orderline_cp->ol_w_id_v2 = NNUL_V;
orderline_cp->ol_w_id_1 = ol_w_id / 256;
orderline_cp->ol_w_id_2 = ol_w_id % 256;

orderline_cp->ol_number_v1 = NNUL_V;
orderline_cp->ol_number_v2 = NNUL_V;
orderline_cp->ol_number_1 = ol_number / 256;
orderline_cp->ol_number_2 = ol_number % 256;

orderline_cp->ol_i_id_v1 = NNUL_V;
orderline_cp->ol_i_id_v2 = NNUL_V;
orderline_cp->ol_i_id_1 = ol_i_id / T256;
orderline_cp->ol_i_id_2 = (ol_i_id
-(ol_i_id_1*T256))/D256;
orderline_cp->ol_i_id_3 = (ol_i_id
-(ol_i_id_1*T256)
-(ol_i_id_2*D256))/256;
orderline_cp->ol_i_id_4 = ol_i_id % T256;

orderline_cp->ol_supply_w_id_v1 = NNUL_V;
orderline_cp->ol_supply_w_id_v2 = NNUL_V;
orderline_cp->ol_supply_w_id_1 =
orderline_cp->ol_supply_w_id_2 =

orderline_cp->ol_quantity_v1 = NNUL_V;
orderline_cp->ol_quantity_v2 = NNUL_V;
orderline_cp->ol_quantity_1 = ol_quantity / 256;
orderline_cp->ol_quantity_2 = ol_quantity % 256;

orderline_cp->ol_amount_v1 = NNUL_V;
orderline_cp->ol_amount_v2 = NNUL_V;
orderline_cp->ol_amount_1 = ol_amount / T256;
orderline_cp->ol_amount_2 = (ol_amount
-(ol_amount_1*T256))/D256;
orderline_cp->ol_amount_3 = (ol_amount
-(ol_amount_1*T256)
-(ol_amount_2*D256))/256;
orderline_cp->ol_amount_4 = ol_amount % T256;

orderline_cp = orderline_cp + 1 ;
orderline_lpcnt = orderline_lpcnt + 1 ;
if ( orderline_lpcnt == ORDERLINE_COUNT )
{
write(op_orderline ,

```

```

        orderline_ap ,
        (size_t)ORDERLINE_SIZE *
(size_t)ORDERLINE_COUNT);
        orderline_cp = (orderline_str *)orderline_ap ;
        orderline_lpcnt = 0 ;
    }
    }
}
filecount++;
}

if ( orders_lpcnt != 0 )
{
    write(op_orders ,
        orders_ap ,
        (size_t)ORDERS_SIZE * (size_t)orders_lpcnt ;
}
if ( orderline_lpcnt != 0 )
{
    write(op_orderline ,
        orderline_ap ,
        (size_t)ORDERLINE_SIZE * (size_t)orderline_lpcnt ;
}

/*          */
fclose(fst8);
close(op_orders) ;
close(op_orderline) ;

/*          */
free(orders_ap) ;

/*          */
return;
}

/*
 * Function: make_address()
 * Description:
 * Parameters: 1. str1, 1( 21 )
 *              2. str2, 2( 21 )
 *              3. city, ( 21 )
 *              4. state, ( 3 )
 *              5. zip, ( 10 )
 * Grobals Ref: nothing
 * Grobals Out: nothing
 * Returns : nothing
 */

void
make_address(str1, str2, city, state, zip)
char *str1;
char *str2;
char *city;
char *state;
char *zip;
{
    /* street1 , 10-20 */
    make_alpha_string(10, 20, str1);

    /* street2 , 10-20 */
    make_alpha_string(10, 20, str2);

    /* city , 10-20 */
    make_alpha_string(10, 20, city);

    /* state , 2 */
    make_alpha_string(2, 2, state);

    /* zip , 9 */
    make_number_string(9, 9, zip);

return;
}

/*
 * Function: lastname()
 * Description: lastname
 * Parameters: 1. num, 000-999
 *              2. name,
 * Grobals Ref: nothing
 * Grobals Out: nothing
 * Returns : nothing
 */

void
lastname(num, name)
int num;
char *name;
{
    /* syllable c_last 10 */
    static char *syllable[] = {
        "BAR", "OUGHT", "ABLE", "PRI", "PRES",
        "ESE", "ANTI", "CALLY", "ATION", "EING"
    };

    /* syllable[ 100 ] name */
    strcpy(name, syllable[num / 100]);

    /* syllable[ 10 ] name */
    strcat(name, syllable[(num / 10) % 10]);

    /* syllable[ 1 ] name */
    strcat(name, syllable[num % 10]);

return;
}

/*
 * Function: make_alpha_string()
 * Description:
 * Parameters: 1. num1,
 *              2. num2,
 *              3. str,
 * Grobals Ref: nothing
 * Grobals Out: nothing
 * Returns : int,
 */

int
make_alpha_string(num1, num2, str)
int num1;
int num2;
char *str;

```

```

{
    int    len;
    int    i;
    short rnum;

    /*          num1-num2          */
    if (num1 == num2) {
        len = num1;
    } else {
        len = random_number(num1, num2);
    }
    /*          */
    for (i = 0; i < len; i++) {
#ifdef rand_str
        /* 0-61          */
        rnum = random_number(0, 61);

        /* 0-25          ,          'a'==x61 (0:a, 1:b, .. , 25:z) */
        if ((0 <= rnum) && (rnum <= 25)) {
            str[i] = 'a' + rnum;

        /* 26-51          ,          'A'==x41 (26:A, 27:B, .. , 51:Z) */
        } else if ((26 <= rnum) && (rnum <= 51)) {
            str[i] = 'A' + rnum - 26;

        /* 52-61          ,          '0'==x30 (52:0, 53:1, .. , 61:9) */
        } else if ((52 <= rnum) && (rnum <= 61)) {
            str[i] = '0' + rnum - 52;
        }
    }
#else
    rnum = rand()%52 ;          /* 1997.03.11 */

    /* 0-25          ,          'a'==x61 (0:a, 1:b, .. , 25:z) */
    if ((0 <= rnum) && (rnum <= 25)) {
        str[i] = 'a' + rnum;

    /* 26-51          ,          'A'==x41 (26:A, 27:B, .. , 51:Z) */
    } else if ((26 <= rnum) && (rnum <= 51)) {
        str[i] = 'A' + rnum - 26;
    }
}
#endif
}
/*          */
/* if (num1 != num2) {*/
/*     str[len] = '\0';
/* }*/

/*          */
return(len);
}

make_alpha_string_V(num1, num2, str)
int num1;
int num2;
char *str;
{
    int    len;
    int    i;
    short rnum;
    short *work_p;

    /*          num1-num2          */
    if (num1 == num2) {
        len = num1;
    } else {
        len = random_number(num1, num2);
    }
    /* 000725 Bug Fix */
    #if 0
    str[0] = 0;
    str[1] = len;
    #endif
    /* 000725 Bug Fix */
    work_p = &(str[0]);
    *work_p = (short)len;

    /*          */
    for (i = 2; i < len + 2; i++) {
#ifdef rand_str
        /* 0-61          */
        rnum = random_number(0, 61);

        /* 0-25          ,          'a'==x61 (0:a, 1:b, .. , 25:z) */
        if ((0 <= rnum) && (rnum <= 25)) {
            str[i] = 'a' + rnum;

        /* 26-51          ,          'A'==x41 (26:A, 27:B, .. , 51:Z) */
        } else if ((26 <= rnum) && (rnum <= 51)) {
            str[i] = 'A' + rnum - 26;

        /* 52-61          ,          '0'==x30 (52:0, 53:1, .. , 61:9) */
        } else if ((52 <= rnum) && (rnum <= 61)) {
            str[i] = '0' + rnum - 52;
        }
    }
#else
    rnum = rand()%52 ;          /* 1997.03.11 */

    /* 0-25          ,          'a'==x61 (0:a, 1:b, .. , 25:z) */
    if ((0 <= rnum) && (rnum <= 25)) {
        str[i] = 'a' + rnum;

    /* 26-51          ,          'A'==x41 (26:A, 27:B, .. , 51:Z) */
    } else if ((26 <= rnum) && (rnum <= 51)) {
        str[i] = 'A' + rnum - 26;
    }
}
#endif
}
/*          */
return(len + 2);
}

/*
 * Function: make_number_string()
 * Description:
 * Parameters: 1. num1,

```

```

*          2. num2,
*          3. str,
* Grobals Ref: nothing
* Grobals Out: nothing
* Returns   : int,
*/

int
make_number_string(num1, num2, str)
int num1;
int num2;
char *str;
{
    int len;
    int i;
    short rnum;

    /*          num1-num2          */
    if (num1 == num2) {
        len = num1;
    } else {
        len = random_number(num1, num2);
    }
    /*          */
    for (i = 0; i < len; i++) {
#ifdef rand_str
        /* 0-9          */
        rnum = random_number(0, 9);

        /* 0-9          str          */
        str[i] = '0' + rnum;
#else
        str[i] = (char)(rand()%10+'0');
#endif
    }

    /*          */
    str[len] = '\0';

    /*          */
    return(len);
}

/*
* Function: random_number()
* Description:
* Parameters: 1. num1,
*             2. num2,
* Grobals Ref: nothing
* Grobals Out: nothing
* Returns    : int,
*/
#ifdef call_rand
/* 1997-02-18 mac          */
int
random_number(num1, num2)
int num1;
int num2;
{
    int value;

    /* num1-num2          */
    value = lrand48() % (num2 - num1 + 1) + num1;

    /*          */
    return(value);
}
#endif
/*
* Function: set_seed()
* Description:
* Parameters: 1. seedval,
* Grobals Ref: nothing
* Grobals Out: nothing
* Returns    : nothing
*/
void
set_seed(seedval)
int seedval;
{
    /*          */
    srand(seedval) ;          /* 1997-02-18          */
    srand48(seedval);

    return;
}

/*
* Function: nurand()
* Description:
* Parameters: 1. a,
*             2. x,
*             3. y,
* Grobals Ref: nothing
* Grobals Out: nothing
* Returns    : nothing
*/
/* 1997-02-18 TAB ID 221(c_last NURand C)          */
int
nurand(a, x, y, c)
int a;
int x;
int y;
int c;
{
    int value;

    /*          */
    value = (((random_number(0, a) | random_number(x, y)) + c) %
             (y - x + 1)) + x;

    /*          */
    return(value);
}

/*
* Function: init_permutation()
* Description: o_c_id 1 CUST_PER_DIST
*
* Parameters: nothing
* Grobals Ref: nothing
* Grobals Out: 1. ocid, o_c_id
*              2. counter,

```

```
* Returns : nothing
*/

void
init_permutation()
{
    short cnt;
    short replace;
    short work;

    /*          ocid 1-CUST_PER_DIST          */
    for (cnt = 0; cnt < CUST_PER_DIST; cnt++){
        ocid[cnt] = cnt + 1;
    }

    /* ocid          */
    for (cnt = 0; cnt < CUST_PER_DIST; cnt++){
        replace = random_number(1, CUST_PER_DIST);
        work = ocid[cnt];
        ocid[cnt] = ocid[replace - 1];
        ocid[replace - 1] = work;
    }

    /*          */
    counter = 0;
}
}
```

Appendix C: Tunable Parameters



This Appendix contains the configuration information for the operating system, the RDBMS and Tuxedo.

Operating System Configuration Values

The Solaris 8 kernel configuration parameters set in the file `/etc/system` are given below.

Solaris 8 Configuration File for Server, Clients, and RTEs

```
server:
set maxusers = 40
set ufs_ninode=1280
set ncsiz=512
set bufhwm=1024
set segspt_minfree = 0x4000
set minfree=512
set desfree=1024
set lotsfree=2048
set shmsys:shminfo_shmmax=0xffffffff
set rlim_fd_max=4096
set rlim_fd_cur=1024
set shmsys:shminfo_shmmni = 1024
set shmsys:shminfo_shmseg = 512
set msgsys:msginfo_msgmap = 200
set msgsys:msginfo_msgmax = 16384
set msgsys:msginfo_msgmnb = 32768
set msgsys:msginfo_msgmni = 512
set msgsys:msginfo_msgseg = 31744
set semsys:seminfo_semmni = 24576
set semsys:seminfo_semmns = 18432
```

```
set semsys:seminfo_semmnu = 6144
set semsys:seminfo_semmnl = 63
set tune_t_fslushr = 50
set autoup = 300
set disable_memscrub=1
set ecache_scrub_enable=0
set swapfs_minfree = 0x4000
client(c1):
set pt_cnt=4096
set shmsys:shminfo_shmmax=0xffffffff
set shmsys:shminfo_shmseg=600
set shmsys:shminfo_shmmni=10
set msgsys:msginfo_msgmni=4096
set msgsys:msginfo_msgmax=2048
set msgsys:msginfo_msgmnb=800000
set msgsys:msginfo_msgmap=200000
set msgsys:msginfo_msgseg=10000
set msgsys:msginfo_msgssz=2048
set msgsys:msginfo_msgttl=5000
set semsys:seminfo_semmns=5000
set semsys:seminfo_semmni=5000
set semsys:seminfo_semmnl=5000
set semsys:seminfo_semmap=5000
set semsys:seminfo_semume=1
set semsys:seminfo_semmnu=5000
set autoup = 300
client(c2..c8):
set pt_cnt=4096
set shmsys:shminfo_shmmax=0xffffffff
set shmsys:shminfo_shmseg=600
set shmsys:shminfo_shmmni=10
set msgsys:msginfo_msgmni=4096
set msgsys:msginfo_msgmax=2048
set msgsys:msginfo_msgmnb=10000
set msgsys:msginfo_msgmap=10000
set msgsys:msginfo_msgseg=10000
set msgsys:msginfo_msgssz=2048
set msgsys:msginfo_msgttl=5000
set semsys:seminfo_semmns=5000
set semsys:seminfo_semmni=5000
set semsys:seminfo_semmnl=5000
set semsys:seminfo_semmap=5000
set semsys:seminfo_semume=1
set semsys:seminfo_semmnu=5000
set tune_t_flckrec=2048
set rlim_fd_max=12288
```

RDBMS Configuration values

```
#!/bin/csh -xf
fastsu psradm -n 0 1 4 5 6 7 8 9 10 11 12 13 14 15
fastsu psradm -i 1 4 5 6 7 8 9 10 11 12 13 14 15
fastsu psradm -n 1
```



```
fastsu psrset -c 1

# cp /opt/FSUNrdb2b/etc/rdbsysconfig.14cpu.48.28GB.OS4_2 /opt/FSUNrdb2b/etc/rdbsysconfig
# cp /opt/FSUNrdb2b/etc/rdbsysconfig.14cpu.5720 /opt/FSUNrdb2b/etc/rdbsysconfig
# cp /opt/FSUNrdb2b/etc/rdbsysconfig.14cpu.5720.1208 /opt/FSUNrdb2b/etc/rdbsysconfig
# cp /opt/FSUNrdb2b/etc/rdbsysconfig.14cpu.5720.1208.5h /opt/FSUNrdb2b/etc/rdbsysconfig
cp /opt/FSUNrdb2b/etc/rdbsysconfig.14cpu.5720.1208.5m /opt/FSUNrdb2b/etc/rdbsysconfig

# cp -p sh.crbuf.60.CU1k.sol8.OI4k.mk sh.crbuf.mk
# cp -p sh.crbuf.60.5720.mk sh.crbuf.mk
# cp -p sh.crbuf.65.5720.1208.mk sh.crbuf.mk
# cp -p sh.crbuf.65.5720.1208.5h.mk sh.crbuf.mk
cp -p sh.crbuf.65.5720.1208.5m.mk sh.crbuf.mk

cp -p conbf.sh.65 conbf.sh

# --- 001215.bk
# setenv SEINO_RCP_LIMITER 140
# setenv SEINO_RCP_LIMITER_S 120
# setenv SEINO_RCP_SMALL 2500
# setenv SEINO_RCP_MSIZE 130000
# setenv SEINO_RCP_LIMITER_TIME 720

# --- 001219
# setenv SEINO_RCP_LIMITER 300
# setenv SEINO_RCP_LIMITER_S 100
# setenv SEINO_RCP_SMALL 900
# setenv SEINO_RCP_MSIZE 2100
# setenv SEINO_RCP_LIMITER_TIME 720
# setenv SEINO_RCP_REPL_RATE 10

# --- 001221/22
setenv SEINO_RCP_LIMITER 300
# setenv SEINO_RCP_LIMITER_S 80
# setenv SEINO_RCP_LIMITER_S 60 # 1226
# setenv SEINO_RCP_LIMITER_S 30 # 1226-2
# ---- setenv SEINO_RCP_LIMITER_S 20 # 1226-3
setenv SEINO_RCP_LIMITER_S 16 # 0202
setenv SEINO_RCP_SMALL 900
setenv SEINO_RCP_MSIZE 2100
# setenv SEINO_RCP_MSIZE 3000
# before 5J setenv SEINO_RCP_LIMITER_TIME 720
# before 5R setenv SEINO_RCP_LIMITER_TIME 690
# for 5S setenv SEINO_RCP_LIMITER_TIME 600
setenv SEINO_RCP_LIMITER_TIME 630
setenv SEINO_RCP_REPL_RATE 10

RDBSTART

date

#!/usr/bin/sh -xf
# updated: 2 March 2000 ( new Toolkit for 64bit Symfo ) by K.ozawa

#(0) Select environments (for number of cpu or Memory size or ...)
```

```

fastsu rm -f /rdbptc/RDBCORE/core
## kari add 0823
# cp -p /bench/FUJI/KIT/rdbptc/RDBDIR.bkupLG/DIR_FILE1.tmp.bkup /export/home/RDBDIR/DIR_FILE1 &
# cp -p /bench/FUJI/KIT/rdbptc/RDBDIR.bkupLG/DIR_FILE2.tmp.bkup /export/home/RDBDIR/DIR_FILE2 &
# cp -p /bench/FUJI/KIT/rdbptc/RDBDIR.bkupLG/DIR_G1.bk /rdbptc/RDBDIR/DIR_G1/DIR_G1 &
# cp -p /bench/FUJI/KIT/rdbptc/RDBDIR.bkupLG/DIR_G2.bk /rdbptc/RDBDIR/DIR_G2/DIR_G2 &
# wait

## set TPC/IP tune parameter
fastsu ndd-try.sh

MSG='#(1) Special options for test-----'
##./OFFLINE8cpu
##./OFFLINE4cpu
# KARI_NOT_W_ST_CU=1; export KARI_NOT_W_ST_CU

### 2000.8.17 add
# SEINO_RCP_PRT1=000 ; export SEINO_RCP_PRT1

# SEINO_RCP_LIMITER=220 ; export SEINO_RCP_LIMITER
# SEINO_RCP_LIMITER_S=180 ; export SEINO_RCP_LIMITER_S
# SEINO_RCP_LIMITER_MIN=200 ; export SEINO_RCP_LIMITER_MIN
# SEINO_RCP_COMMAND_NUM=1 ; export SEINO_RCP_COMMAND_NUM

#SEINO_RCP_LIMITER=600 ; export SEINO_RCP_LIMITER
#SEINO_RCP_LIMITER_S=200 ; export SEINO_RCP_LIMITER_S
#SEINO_RCP_LIMITER_MIN=500 ; export SEINO_RCP_LIMITER_MIN
#SEINO_RCP_COMMAND_NUM=1 ; export SEINO_RCP_COMMAND_NUM

# SEINO_RCP_LIMITER=400; export SEINO_RCP_LIMITER
# SEINO_RCP_MSIZE=4000; export SEINO_RCP_MSIZE

MSG='#(2) rdbstart and allocate DB Buffer pools-----'
RDBBUFPATH=/rdbptc/tpcc80/tpcc/b-onsrc/rdbcwbuf.wk; export RDBBUFPATH
date; rdbstart ;date

# 0511 add kari
# rdbddlex -d TPCC Drop_h.dat
### rdbddlex -d TPCC Drop_l.dat
# sh sh.stored.array_j
### sh sh.stored.array_l
# 0511 made

## rdbrbufcw cw_env.comp
csh sh.crbuf.mk
sh sh.crbuf 2>crbf.wk.out1
timex rdbrbf -f crbuf.aa 2>>crbf.wk.out1
grep -v qdg02630 crbf.wk.out1
sh conbf.sh

rdbpldic -U -d TPCC

MSG='#(3) ITEM read-----'
RDBMSG=E ; export RDBMSG
SQLRTENV=sql.env ; export SQLRTENV

```

```

date; timex tra.wup 1 0 ;date #ITEM READ

MSG='#(4) check env-----'
sar -r 1 1
swap -s
crbfadd.sh
date
cwenvchk

MSG='#(5) save env of rdbstart-----'
echo "RDBSTART env" > res.doc/RDBSTART.env
env >> res.doc/RDBSTART.env
cwenvchk >>res.doc/RDBSTART.env
crbfadd.sh >>res.doc/RDBSTART.env
rdb sar -m

MSG='#(6)Is rdb started? -----'
rdbpid
if [ $? != 0 ]
then
echo "@@@Error of RDBSTART @@@@@"
exit 9
else
# rdblog -V -a
sh sh.arc.clean
MSG='OK. RDB is started.'
exit 0
fi

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

RDBCPU=2
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/librt/home/  
TMPDIR=/export/home/dbbench/.tmp  
ROOTDIR=/export/home/tuxedo  
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/librt/home/  
TMPDIR=/export/home/dbbench/.tmp  
ROOTDIR=/export/home/tuxedo  
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/librt/home/  
TMPDIR=/export/home/dbbench/.tmp  
ROOTDIR=/export/home/tuxedo  
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/librt/home/  
TMPDIR=/export/home/dbbench/.tmp  
ROOTDIR=/export/home/tuxedo  
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/librt/home/  
TMPDIR=/export/home/dbbench/.tmp  
ROOTDIR=/export/home/tuxedo  
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/librt/home/  
TMPDIR=/export/home/dbbench/.tmp  
ROOTDIR=/export/home/tuxedo  
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
```

```
rt/home/
TMPDIR=/export/home/dbbench/.tmp
```

```
ROOTDIR=/export/home/tuxedo
```

```
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
```

```
rt/home/
```

```
TMPDIR=/export/home/dbbench/.tmp
```

```
ROOTDIR=/export/home/tuxedo
```

```
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
```

```
rt/home/
```

```
TMPDIR=/export/home/dbbench/.tmp
```

```
ROOTDIR=/export/home/tuxedo
```

```
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
```

```
rt/home/
```

```
TMPDIR=/export/home/dbbench/.tmp
```

```
ROOTDIR=/export/home/tuxedo
```

```
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
```

```
rt/home/
```

```
TMPDIR=/export/home/dbbench/.tmp
```

```
ROOTDIR=/export/home/tuxedo
```

```
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
```

```
rt/home/
```

```
TMPDIR=/export/home/dbbench/.tmp
```

```
ROOTDIR=/export/home/tuxedo
```

```
TUXDIR=/export/home/tuxedo
```

```
SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
```

```
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp

LD_LIBRARY_PATH=/usr/lib:/usr/ccs/lib:/usr/ucblib:/opt/FSUNrdb2b/lib:/opt/FSUNiconv/lib:/export/home/dbbench/vendors/symfo/TPCC/c/tuxraw/local_li:/opt/SUNWspro/SC5.0/lib:/opt/uxpblrt/lib
rt/home/
TMPDIR=/export/home/dbbench/.tmp
```

```
ROOTDIR=/export/home/tuxedo
TUXDIR=/export/home/tuxedo

SQLRTENV=/export/home/dbbench/tuxedo/sql.env.tcp
```

```
# WORK FILE for rdbconbf
TPCC.WAREHOUSE_1_DSI W_1
TPCC.WAREHOUSE_2_DSI W_2
TPCC.WAREHOUSE_3_DSI W_3
TPCC.WAREHOUSE_4_DSI W_4
TPCC.WAREHOUSE_5_DSI W_5
TPCC.WAREHOUSE_6_DSI W_6
TPCC.WAREHOUSE_7_DSI W_7
TPCC.WAREHOUSE_8_DSI W_8
TPCC.WAREHOUSE_9_DSI W_9
TPCC.WAREHOUSE_10_DSI W_10
TPCC.WAREHOUSE_11_DSI W_11
TPCC.WAREHOUSE_12_DSI W_12
TPCC.WAREHOUSE_13_DSI W_13
TPCC.WAREHOUSE_14_DSI W_14
TPCC.WAREHOUSE_15_DSI W_15
TPCC.WAREHOUSE_16_DSI W_16
TPCC.WAREHOUSE_17_DSI W_17
TPCC.WAREHOUSE_18_DSI W_18
TPCC.WAREHOUSE_19_DSI W_19
TPCC.WAREHOUSE_20_DSI W_20
TPCC.WAREHOUSE_21_DSI W_21
TPCC.WAREHOUSE_22_DSI W_22
TPCC.WAREHOUSE_23_DSI W_23
TPCC.WAREHOUSE_24_DSI W_24
TPCC.WAREHOUSE_25_DSI W_25
TPCC.WAREHOUSE_26_DSI W_26
TPCC.WAREHOUSE_27_DSI W_27
TPCC.WAREHOUSE_28_DSI W_28
TPCC.WAREHOUSE_29_DSI W_29
TPCC.WAREHOUSE_30_DSI W_30
TPCC.WAREHOUSE_31_DSI W_31
TPCC.WAREHOUSE_32_DSI W_32
TPCC.WAREHOUSE_33_DSI W_33
TPCC.WAREHOUSE_34_DSI W_34
TPCC.WAREHOUSE_35_DSI W_35
TPCC.WAREHOUSE_36_DSI W_36
TPCC.WAREHOUSE_37_DSI W_37
TPCC.WAREHOUSE_38_DSI W_38
TPCC.WAREHOUSE_39_DSI W_39
TPCC.WAREHOUSE_40_DSI W_40
TPCC.WAREHOUSE_41_DSI W_41
TPCC.WAREHOUSE_42_DSI W_42
TPCC.WAREHOUSE_43_DSI W_43
TPCC.WAREHOUSE_44_DSI W_44
TPCC.WAREHOUSE_45_DSI W_45
TPCC.WAREHOUSE_46_DSI W_46
TPCC.WAREHOUSE_47_DSI W_47
TPCC.WAREHOUSE_48_DSI W_48
TPCC.WAREHOUSE_49_DSI W_49
TPCC.WAREHOUSE_50_DSI W_50
```

TPCC.WAREHOUSE_51_DSI W_51
TPCC.WAREHOUSE_52_DSI W_52
TPCC.WAREHOUSE_53_DSI W_53
TPCC.WAREHOUSE_54_DSI W_54
TPCC.WAREHOUSE_55_DSI W_55
TPCC.WAREHOUSE_56_DSI W_56
TPCC.WAREHOUSE_57_DSI W_57
TPCC.WAREHOUSE_58_DSI W_58
TPCC.WAREHOUSE_59_DSI W_59
TPCC.WAREHOUSE_60_DSI W_60
TPCC.WAREHOUSE_61_DSI W_61
TPCC.WAREHOUSE_62_DSI W_62
TPCC.WAREHOUSE_63_DSI W_63
TPCC.WAREHOUSE_64_DSI W_64
TPCC.WAREHOUSE_65_DSI W_65
TPCC.DISTRICT_1_DSI D_1
TPCC.DISTRICT_2_DSI D_2
TPCC.DISTRICT_3_DSI D_3
TPCC.DISTRICT_4_DSI D_4
TPCC.DISTRICT_5_DSI D_5
TPCC.DISTRICT_6_DSI D_6
TPCC.DISTRICT_7_DSI D_7
TPCC.DISTRICT_8_DSI D_8
TPCC.DISTRICT_9_DSI D_9
TPCC.DISTRICT_10_DSI D_10
TPCC.DISTRICT_11_DSI D_11
TPCC.DISTRICT_12_DSI D_12
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TPCC.HISTORY_453_DSI H_57
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TPCC.HISTORY_458_DSI H_58
TPCC.HISTORY_459_DSI H_58
TPCC.HISTORY_460_DSI H_58
TPCC.HISTORY_461_DSI H_58

TPCC.HISTORY_462_DSI H_58
TPCC.HISTORY_463_DSI H_58
TPCC.HISTORY_464_DSI H_58
TPCC.HISTORY_465_DSI H_59
TPCC.HISTORY_466_DSI H_59
TPCC.HISTORY_467_DSI H_59
TPCC.HISTORY_468_DSI H_59
TPCC.HISTORY_469_DSI H_59
TPCC.HISTORY_470_DSI H_59
TPCC.HISTORY_471_DSI H_59
TPCC.HISTORY_472_DSI H_59
TPCC.HISTORY_473_DSI H_60
TPCC.HISTORY_474_DSI H_60
TPCC.HISTORY_475_DSI H_60
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TPCC.HISTORY_482_DSI H_61
TPCC.HISTORY_483_DSI H_61
TPCC.HISTORY_484_DSI H_61
TPCC.HISTORY_485_DSI H_61
TPCC.HISTORY_486_DSI H_61
TPCC.HISTORY_487_DSI H_61
TPCC.HISTORY_488_DSI H_61
TPCC.HISTORY_489_DSI H_62
TPCC.HISTORY_490_DSI H_62
TPCC.HISTORY_491_DSI H_62
TPCC.HISTORY_492_DSI H_62
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TPCC.HISTORY_511_DSI H_64
TPCC.HISTORY_512_DSI H_64
TPCC.HISTORY_513_DSI H_65
TPCC.HISTORY_514_DSI H_65
TPCC.HISTORY_515_DSI H_65
TPCC.HISTORY_516_DSI H_65
TPCC.HISTORY_517_DSI H_65

TPCC.HISTORY_518_DSI_H_65
TPCC.HISTORY_519_DSI_H_65
TPCC.HISTORY_520_DSI_H_65
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D_2 1K 890 100 100 1 0 fixed
D_3 1K 890 100 100 1 0 fixed
D_4 1K 890 100 100 1 0 fixed
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S_45 1K 2 80 50 1 0 fixed


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(sparc) V33L11
FSUNrdbcc  SymfoWARE/RDB EsqI-C
(sparc) V33L11

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#
#
#
#
#
#
#####nrk
BUFFER1K = 64
BUFFER2K = 64
BUFFER4K = 64
BUFFER8K = 100
BUFFER16K = 32
BUFFER32K = 32

#
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#
# Name : System pool definition file
#
# Format
# Comment      : if a # appears in a line, the words are treated as
#               a comment from after the # to the end of the line.
# Line feed    : A line feed must be at the end of a definition-
#               directive.
# One line     : Length of a line must be less than 1024 bytes.
#
# << Specification format >>
#   pool-type = Initial size , Expansion size , Maximum size
#
#####
# system
# type      = Initial,Expansion,Maximum #cell size
#-----
ARC_ALCT   = 0      ,1  ,1024000000 #508*2
BCM_BPC    = 122523 ,8192 ,1024000000 #508*2
BCM_EEXT   = 1300000 ,16384 ,1024000000 #1532*2
BCM_ESUB   = 1209754 ,2048 ,1024000000 #60*2
BCM_GPCT   = 8192   ,8192 ,1024000000 #508*2
BCM_IOPROC = 500000 ,8192 ,1024000000 #508*2
BCM_LOGAREA = 0     ,1  ,1024000000 #1020*2
BCM_LOGLIST = 0     ,1  ,1024000000 #252*2
BCM_PGC    = 1088102 ,8192 ,1024000000 #1020*2

```



```

BCM_WKACC = 0 ,2048 ,1024000000 #252*2
BCM_WKDMON = 544 ,2048 ,1024000000 #268*2
BCM_WKSPC = 0 ,2048 ,1024000000 #92*2
BCM_WKSSPC = 0 ,2048 ,1024000000 #124*2
BCM_LOGGRP = 3226 ,2048 ,1024000000 #508*2
BCM_LOGBNF = 771584 ,2048 ,1024000000 #316*2
CCR_COMINF = 11000000 ,32768 ,1024000000 #3836*2(0xefc*2)
CCR_FGRP = 271462 ,8192 ,1024000000 #252*2
CCR_IDT = 1600000 ,8192 ,1024000000 #912*2(0x390*2)
CCR_KAIOCB = 136000 ,2048 ,1024000000 #92*2
CCR_LWPIDT = 24730 ,8192 ,1024000000 #112*2(0x70*2)
CCR_POLMCTL = 5500000 ,32768 ,1024000000 #4336((0x10+0x50*(42+12))*2)
CCR_SANQUE = 4092 ,2048 ,1024000000 #64*2
CCR_USRCON = 1000000 ,8192 ,1024000000 #448*2(0x1c0*2)
CCR_USRSTK = 80000000 ,131088 ,1024000000 #65536*2
CCR_WLIST = 60000 ,2048 ,1024000000 #28*2(0x1c*2)
CCR_WPID = 800000 ,2048 ,1024000000 #60*2
DSM_DSAH = 3518874 ,8192 ,1024000000 #2044*2
DSM_DSAP = 589686170 ,2048 ,1024000000 #124*2
DSM_DSIL = 26884915 ,2048 ,1024000000 #60*2
DSM_DSVF = 13517 ,2048 ,1024000000 #60*2
DSM_DSVQ = 200000 ,2048 ,1024000000 #92*2
DSM_DSWH = 0 ,8192 ,1024000000 #2044*2
DSM_DSWP = 0 ,2048 ,1024000000 #124*2
DSM_DUSI = 66560 ,2048 ,1024000000 #60*2
DSM_DWFL = 0 ,2048 ,1024000000 #60*2
DSM_DWUI = 0 ,2048 ,1024000000 #60*2
HSM_NETINFO = 0 ,8192 ,1024000000 #508
LCM_LOGCNTL = 821146 ,8192 ,1024000000 #252*2
LCM_WLIST = 101376 ,2048 ,1024000000 #28*2
SCI_CMD = 279347 ,8192 ,1024000000 #508*2
SCI_CONBF = 12288 ,8192 ,1024000000 #508*2
SSV_HNF = 137421 ,2048 ,1024000000 #124*2
TCM_TRAN = 272589 ,8192 ,1024000000 #252*2
UTY_UNIQUE = 512 ,2048 ,1024000000 #172*2
UTY_UNDB = 0 ,8192 ,1024000000 #508*2
UTY_UNDSI = 0 ,2048 ,1024000000 #124*2
XCM_KHASH = 0 ,8192 ,1024000000 #1036*2
XCM_KMEM = 0 ,8192 ,1024000000 #2044*2
XCM_KQUE = 0 ,2048 ,1024000000 #28*2
XCM_KTERM = 0 ,2048 ,1024000000 #28*2
# XCM_LOCK = 2999808 ,2048 ,1024000000 #60*2
XCM_LOCK = 0 ,2048 ,1024000000 #60*2
# XCM_LPHASH = 37498368 ,8192 ,1024000000 #1028*2
XCM_LPHASH = 0 ,8192 ,1024000000 #1028*2
XCM_NLOWN = 130000 ,2048 ,1024000000 #28*2
XCM_NLQUE = 132072 ,2048 ,1024000000 #60*2
# XCM_NLRSC = 1423360 ,2048 ,1024000000 #252*2
XCM_NLRSC = 0 ,2048 ,1024000000 #252*2
XCM_OWNER = 200000 ,2048 ,1024000000 #252*2
XCM_QUE = 1536000 ,2048 ,1024000000 #124*2
XCM_TTERM = 2700000 ,2048 ,1024000000 #44*2
XCM_WQUE_S = 0 ,2048 ,1024000000 #76*2
XCM_RSC_S = 0 ,2048 ,1024000000 #60*2
#--- added RE052 XCM_kaizen
XCM_SUBLP = 21960294 ,9216 ,1024000000 #1148*2

```

```

XCM_PGLP = 4096 ,2048 ,1024000000 #200*2
#--- added RE052 XCM_kaizen
#-----
# group
# type = Initial,Expansion,Maximum #cell size
#-----
BCM_DFPOOL_G = 256 ,2048 ,1024000000 #124*2
BCM_DPCT_G = 128 ,2048 ,1024000000 #60*2
CCR_GCOMINF = 65536 ,32768 ,1024000000 #3836*2(0xefc*2)
XCM_BITMAP_G = 192 ,2048 ,1024000000 #92*2
XCM_BITMNG_G = 128 ,2048 ,1024000000 #60*2
XCM_RSC_G = 128 ,2048 ,1024000000 #60*2
XCM_WQUE_G = 160 ,2048 ,1024000000 #76*2
#-----
# local
# type = Initial,Expansion,Maximum #cell size
#-----
BCM_DFPOOL = 256 ,2048 ,1024000000 #124*2
BCM_DPCT = 128 ,2048 ,1024000000 #60*2
BCM_LPCT = 128 ,2048 ,1024000000 #60*2
BCM_LPG = 512 ,2048 ,1024000000 #252*2
BCM_PFT = 512 ,2048 ,1024000000 #252*2
CCR_LCOMINF = 8192 ,32768 ,1024000000 #3836*2(0xefc*2)
DSM_DDSF = 512 ,2048 ,1024000000 #252*2
DSM_DESF = 576 ,2048 ,1024000000 #284*2
ECM_DDSF = 0 ,1024 ,1024000000 #252
ECM_DESF = 0 ,1024 ,1024000000 #284
SAP_KEY = 8192 ,32768 ,1024000000 #4092*2
SCL_CS = 0 ,1 ,1024000000 #124*2
XCM_BITMAP = 192 ,2048 ,1024000000 #92*2
XCM_BITMNG = 128 ,2048 ,1024000000 #60*2
XCM_RSC = 128 ,2048 ,1024000000 #60*2
XCM_WQUE = 160 ,2048 ,1024000000 #76*2
XCM_THASH = 96 ,128 ,1024000000 #44*2
XCM_TQUE = 160 ,2048 ,1024000000 #76*2

#
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#
#
#
#
#
#
#
#
#
#
#####nrk

# 0424 Add
# RDBDBGSLKCNT = yes
# RDBDBGWPCNT = yes

```

```
RDBDIRSPACE1=/export/home/RDBDIR
RDBDIRSPACE2=/export/home/RDBDIR
RDBLOG=1024,1024
RDBCORE=/rdbptc/RDBCORE

RDBLOGGROUPMANAGE=/DEV/rdsk/LOG_MG_G,SCLDIR_USE

# -- RDBCNTNUM=740 #660          #fssqlenv -> MAX_CONECT_SYS
RDBCNTNUM=50
RDBRSVFDNUM=50 #990920 for fopen max
RDBPRJCODE=0xdb

#RDBSYSTEMID=2

RDBSYSBUF=/rdbptc/tpcc80/SYS
RDBSQLENV=/rdbptc/tpcc80/SYS/fssqlenv
RDBLOGMANAGE=/rdbptc/tpcc80/SYS
RDBPOOLCFG=/rdbptc/tpcc80/SYS

#-----
##RDBFIXBUFMEM=80          # for LOAD
#---
# RDBFIXBUFMEM=22928 # - 1*1024 MB for 28GB
# RDBFIXBUFMEM=23056 # + 128MB
# --- 001113 add
# RDBFIXBUFMEM=23184 # + 128MB
# RDBFIXBUFMEM=23312 # + 128MB
# RDBFIXBUFMEM=23568 # + 256MB
# RDBFIXBUFMEM=23696 # + 128MB

# RDBFIXBUFMEM=23568 # - 128MB

# RDBFIXBUFMEM=23648 # + 80MB
# RDBFIXBUFMEM=23744 # + 96MB
# RDBFIXBUFMEM=23728 # - 16MB
RDBFIXBUFMEM=23648 # - 80MB
# RDBFIXBUFMEM=23696 # + 48MB

#---
# RDBLPMEM=3952 # -512MB for 28GB
# RDBLPMEM=3824 # - 128MB

# RDBLPMEM=3952 # +128MB
# RDBLPMEM=3968 # +16 MB

# RDBLPMEM=3888 # -80 MB
# RDBLPMEM=3792 # -96 MB
# RDBLPMEM=3808 # +16 MB

# RDBLPMEM=3888 # +80 MB
# RDBLPMEM=3872 # -16 MB
# - RDBLPMEM=3840 # -48 MB
# RDBLPMEM=3840 # -16 MB
RDBLPMEM=3856 # +16 MB 0112 add
```

```

#-----
RDBEXTMEMADDR=0xed000000
RDBEXTMEM=8192 #Add it, if "Shared memory is insufficient"

#####
RDBPRESCHED=10
RDBKCHKSKIPCNT=100 #200 #
# RDBKTAJUUDOSDP = 5 #2016
# RDBKLISTNUMSDP = 5
# RDBKCATENUMSDP=60 #252

# RDBKAIOREP = 12 #980531
# RDBKAIOREP = 18 #000912
RDBKAIOREP = 24 #001026

# RDBKAIOCNT = yes
# RDBKAIOD9F = yes
# RDBKAIOSELFWAIT = yes
# RDBIOERRDOWN = yes
RDBKAIIO = YES
RDBASYNCIO = YES
# RDBMAXPARAIO = 40
RDBKAIOMUT = YES
RDBKAIOCELLNUM = 1024
RDBKAIPOOLNUM = 14
RDBASYNCIONUMR = 1
RDBASYNCIONUMW = 1
RDBKAIOSCHEDULE = YES
# improvement of aio add 001026
# RDBKAIOREQEQWAIT = NO
RDBKAIOREQEQWAIT = NO

RDBGGETSMF=NO

#####
##RDBVER: UXP/DS_RDBII_V20L21_3/22_version
#####
# RDBSDPCPU = 0,1,4,5,6,7,8,9,10,11,12,13,14,15
RDBSDPCPU = 4,5,6,7,8,9,10,11,12,13,14,15
# RDBSDPCPU = 0,1,4,5,6,7,8,9,10,11,12,13,14,15 # tune 14CPU 0330
#RDBCPUNUM=16 #replace RDBSDPCPU to simulate 16cpu(only test. not measure!)

### CPU bind for each daemon
RDBCCRMCPU=0
RDBRECEPCPU=0
#---
RDBSORTCPU=0
RDBTCPIPCPU=0
RDBALFCPU=0

RDBBUFFDMONNUM=12 # for new AIO
# RDBDBSCPU=0,1 # for 14cpu tune
# RDBDBSCPU=1 # for old AIO

```

```

RDBDIRCPU=0
#---
RDBIOCPU=0
RDBTLFCPU=0
#---
RDBWKSCPU=0

## Parameter for I/O
RDBREADUNC = NO      # SAP
RDBDBSNUM+ = 362    # Max thread number for write
#RDBMAXLWP = 100 #350 #

# RDBMAXDBIO = 20      # Max_write_request/disk for normal state
# RDBMAXDBIO = 18      # Max_write_request/disk for normal state
RDBMAXDBIO = 16      # Max_write_request/disk for normal state
# RDBMAXDBIO = 12      # Max_write_request/disk for normal state
# RDBMAXDBIO = 10      # Max_write_request/disk for normal state
# RDBMAXDBIO = 7       # Max_write_request/disk for normal state

# RDBMAXRCPIO = 15     # Max_write_request/disk for rdbrcp
# RDBMAXRCPIO = 13     # Max_write_request/disk for rdbrcp
RDBMAXRCPIO = 10     # Max_write_request/disk for rdbrcp

## Parameters for DB-Buffer-----
RDBNEWPAGE = 1      # Default for BCM. 1:=Normal LRU
#RDBNEWPAGE = 2      #          2:=(New_Page is not so important)
RDBANTIQUENPAGE = 4 #

## Parameter for Others-----
#--
RDBIUNITNUM = 1,1
#--
RDBSORTUNITNUM = 1,1
##RDBIUNITNUM = 32,0 #for DB-LOAD
##RDBSORTUNITNUM = 32,0 #for DB-LOAD

RDBLOGAIONUM=128 #IO buffer
## --- RDBLOGAIONUM=256#IO buffer
# RDBLOGBIONUM=256 #
RDBLOGBIONUM=128 #
RDBLOGIOSLEEP=10#SLTRNUM
RDBLOGSLTRNUM=2 #
RDBLOGGRCOMMIT=4#SLEEP

#RDBKTAJUUDOSDP=5
#RDBKCATENUMSDP=5
#RDBKCATENUMSDP=60

##SLK/LWP tuning
RDBSLKLOOP=100#
#RDBLWLOOP=100#
RDBSEMMODE=IPC #mutex

```

```
## for debug ::: my_mutex flag
#RDBDBGSLKCNT=yes,yes
#RDBDBGSLKCNT=yes
#RDBDBGMUTCNT=yes
#RDBDBGWPCCNT = yes
#RDBDBGWAITPOS = yes
#RDBKAIOCNT = yes

#RDBMUTGIVE=YES
RDBXSECWD=YES #

RDBSDPLDBALMODE = 2

#
# All Rights Reserved, Copyright(c) FUJITSU 1996
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#
# Title: RDB system definition file
#
#####
# DO NOT TOUCH ME!!
#
RDBMEMBLKSIZE=127
RDBLBUFSIZE=0,128,512
COMMUNICATION_BUFFER=1
SORT_MEM_SIZE=64
WORK_MEM_SIZE=64
CGP_INIT_SIZE=1
###CGP_ELEM=10
MEM_CMD_POOL_SIZE=14 #1
#MEM_LC1_POOL_SIZE=1
#MEM_LC2_POOL_SIZE=1
MEM_LC3_POOL_SIZE=28 #1
MEM_OPL_POOL_SIZE=148 #1
#MEM_OPT_POOL_SIZE=1
MEM_SCT_POOL_SIZE=10 #1
#MEM_SPL_POOL_SIZE=1
DYN_SQL_BUFFER=3, 1, 3
TID_BUFFER=1, 1, 3
CURSOR_NAME_BUFFER=1, 1, 1
BUFFER_SIZE=1, 1
RESULT_BUFFER=0, 1
OPL_BUFFER_SIZE=1
MAX_CONNECT_SYS=20
DESC_NUM=256
SERVER_SPEC = ( RDB2_TCP, SV1 ,TPCC , stalin , 2001 )
DEFAULT_CONNECTION = ( SV1.TPCC,TPCC,fuji1)
; TRAN_SPEC = ( TRANSACTION_ROLLBACK )
TRAN_SPEC = ( TRANSACTION_ROLLBACK,PROCEDURE )
DESCRIPTOR_SPEC = ( 30,1 )
;BUFFER_SIZE = ( 16 )
WAIT_TIME = ( 0 )
NCHAR_CODE = ( EUC )
OPL_BUFFER_SIZE = ( 280 )
;;;CHARACTER_TRANSLATE = CLIENT
```

```

CHAR_CODE = EUC
RESULT_BUFFER = ( 4,1 )
:SQL_SNAP = (ON,/risu02/tpcc.tcp.snap.970206,2 )
:ROUTINE_SNAP = (ON,/opt/ozawk/rsnap990430,2 );

:MSG_PRINT = ( ON )
DSO_LOCK = (TPCC.ORDERLINE_DSO/EX,TPCC.HISTORY_DSO/EX,TPCC.CUSTOMER_IX_DSO/SH,
            TPCC.ITEM_DSO/SH,TPCC.NEWORDER_DSO/EX,TPCC.ORDERS_DSO/EX,
            TPCC.NEWORDER_IX_DSO/EX,TPCC.ORDERS_IX_DSO/EX)
:DSO_LOCK = ( TPCC.CUSTOMER_IX_DSO/SH,TPCC.ITEM_DSO/SH )
SIGNAL_INF = NO
SORT_MEM_SIZE = 128
WORK_MEM_SIZE = 64
#
#   ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY      40001 # IPC KEY from 32,768 to 16,777,215
MASTER      c1   # machine on which master copy is found
UID         30   # user id as displayed by command "id"
GID         5433 # group id as displayed by command "id"
PERM        0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT      1000 # maximum simultaneous global transactions
MAXSERVERS  200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV     1
MODEL       SHM  # SHM=single processor, MP=multi processor
LDBAL       N   # load balancing, Y=yes, N=no
CMTRET      COMPLETE
#MAXBUFTYPE 16  # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT    30  # scan program wake-up time in secs.
SANITYSCAN  5   # sanity scan wake-up
DBBLWAIT    1   # scanunit multiplier for DBBL max time wait
BBLQUERY    60  # check out wake-up time
BLOCKTIME   10  # blocking call time-out
NOTIFY      DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL     SIGUSR2

*MACHINES
"c1" LMID="c1"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c1"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc1"
    ENVFILE="/export/home/dbbench/tuxedo/c1.env"

*GROUPS

"group1"LMID="c1" GRPNO=1
"group2"LMID="c1" GRPNO=2
"group3"LMID="c1" GRPNO=3

```

```
"group4"LMID="c1" GRPNO=4
"group5"LMID="c1" GRPNO=5
"group6"LMID="c1" GRPNO=6
"group7"LMID="c1" GRPNO=7
"group8"LMID="c1" GRPNO=8
"group9"LMID="c1" GRPNO=9
"group10"LMID="c1" GRPNO=10
"group11"LMID="c1" GRPNO=11
"group12"LMID="c1" GRPNO=12
"group13"LMID="c1" GRPNO=13
"group14"LMID="c1" GRPNO=14
"group15"LMID="c1" GRPNO=15
"group16"LMID="c1" GRPNO=16
"group17"LMID="c1" GRPNO=17
"group18"LMID="c1" GRPNO=18
"group19"LMID="c1" GRPNO=19
"group20"LMID="c1" GRPNO=20
"group21"LMID="c1" GRPNO=21
"group22"LMID="c1" GRPNO=22
"group23"LMID="c1" GRPNO=23
"group24"LMID="c1" GRPNO=24
"group25"LMID="c1" GRPNO=25
"group26"LMID="c1" GRPNO=26
```

*SERVERS

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
```



```

TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

```

```
*ROUTING
```

```
"route1" FIELD=FML_TERM
```

```

BUFTYPE="FML"
RANGES="1-11:group1,12-22:group2,23-33:group3,34-44:group4,45-55:group5,56-66:group6,67-77:group7,78-
88:group8,89-99:group9,100-110:group10,111-121:group11,122-132:group12,133-143:group13,144-154:group14,155-
165:group15,166-176:group16,177-187:group17,188-198:group18,199-209:group19,210-220:group20,221-
231:group21,232-242:group22,243-253:group23,254-264:group24,265-275:group25,276-286:group26,*:*"
#
#   ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY      40001 # IPC KEY from 32,768 to 16,777,215
MASTER     c10  # machine on which master copy is found
UID         30  # user id as displayed by command "id"
GID         5433 # group id as displayed by command "id"
PERM        0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT      1000 # maximum simultaneous global transactions
MAXSERVERS  200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV     1
MODEL       SHM  # SHM=single processor, MP=multi processor
LDBAL       N   # load balancing, Y=yes, N=no
CMTRET      COMPLETE
#MAXBUFTYPE 16  # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT    30  # scan program wake-up time in secs.
SANITYSCAN  5   # sanity scan wake-up
DBBLWAIT    1   # scanunit multiplier for DBBL max time wait
BBLQUERY    60  # check out wake-up time
BLOCKTIME   10  # blocking call time-out
NOTIFY      DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL     SIGUSR2

*MACHINES
"c10" LMID="c10"
      TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c10"
      ROOTDIR="/export/home/tuxedo"
      APPDIR="/export/home/dbbench/tuxedo"
      ULOGPFX="/export/home/dbbench/tuxedo/ULOGc10"
      ENVFILE="/export/home/dbbench/tuxedo/c10.env"

*GROUPS

"group1"LMID="c10" GRPNO=1
"group2"LMID="c10" GRPNO=2
"group3"LMID="c10" GRPNO=3
"group4"LMID="c10" GRPNO=4
"group5"LMID="c10" GRPNO=5
"group6"LMID="c10" GRPNO=6
"group7"LMID="c10" GRPNO=7
"group8"LMID="c10" GRPNO=8
"group9"LMID="c10" GRPNO=9
"group10"LMID="c10" GRPNO=10
"group11"LMID="c10" GRPNO=11

```

```

"group12"LMID="c10" GRPNO=12
"group13"LMID="c10" GRPNO=13
"group14"LMID="c10" GRPNO=14
"group15"LMID="c10" GRPNO=15
"group16"LMID="c10" GRPNO=16
"group17"LMID="c10" GRPNO=17
"group18"LMID="c10" GRPNO=18
"group19"LMID="c10" GRPNO=19
"group20"LMID="c10" GRPNO=20
"group21"LMID="c10" GRPNO=21
"group22"LMID="c10" GRPNO=22
"group23"LMID="c10" GRPNO=23
"group24"LMID="c10" GRPNO=24
"group25"LMID="c10" GRPNO=25
"group26"LMID="c10" GRPNO=26

*SERVERS
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"

```

```

TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

```

```
*ROUTING
```

```

"route1" FIELD=FML_TERM
BUFTYPE="FML"

```

```

RANGES="2575-2585:group1,2586-2596:group2,2597-2607:group3,2608-2618:group4,2619-2629:group5,2630-
2640:group6,2641-2651:group7,2652-2662:group8,2663-2673:group9,2674-2684:group10,2685-2695:group11,2696-
2706:group12,2707-2717:group13,2718-2728:group14,2729-2739:group15,2740-2750:group16,2751-2761:group17,2762-
2772:group18,2773-2783:group19,2784-2794:group20,2795-2805:group21,2806-2816:group22,2817-2827:group23,2828-
2838:group24,2839-2849:group25,2850-2860:group26,*,*"

```

```
#
```

```
# ubbconfig: TUXEDO configuration file
```

```

#

*RESOURCES
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER   c11  # machine on which master copy is found
UID       30  # user id as displayed by command "id"
GID       5433 # group id as displayed by command "id"
PERM      0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT    1000 # maximum simultaneous global transactions
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV   1
MODEL     SHM # SHM=single processor, MP=multi processor
LDBAL     N  # load balancing, Y=yes, N=no
CMTRET    COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT  30 # scan program wake-up time in secs.
SANITYSCAN 5 # sanity scan wake-up
DBBLWAIT  1 # scanunit multiplier for DBBL max time wait
BBLQUERY  60 # check out wake-up time
BLOCKTIME 10 # blocking call time-out
NOTIFY    DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL    SIGUSR2

*MACHINES
"c11" LMID="c11"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c11"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc11"
    ENVFILE="/export/home/dbbench/tuxedo/c11.env"

*GROUPS

"group1"LMID="c11" GRPNO=1
"group2"LMID="c11" GRPNO=2
"group3"LMID="c11" GRPNO=3
"group4"LMID="c11" GRPNO=4
"group5"LMID="c11" GRPNO=5
"group6"LMID="c11" GRPNO=6
"group7"LMID="c11" GRPNO=7
"group8"LMID="c11" GRPNO=8
"group9"LMID="c11" GRPNO=9
"group10"LMID="c11" GRPNO=10
"group11"LMID="c11" GRPNO=11
"group12"LMID="c11" GRPNO=12
"group13"LMID="c11" GRPNO=13
"group14"LMID="c11" GRPNO=14
"group15"LMID="c11" GRPNO=15
"group16"LMID="c11" GRPNO=16
"group17"LMID="c11" GRPNO=17
"group18"LMID="c11" GRPNO=18

```

```
"group19"LMID="c11" GRPNO=19
"group20"LMID="c11" GRPNO=20
"group21"LMID="c11" GRPNO=21
"group22"LMID="c11" GRPNO=22
"group23"LMID="c11" GRPNO=23
"group24"LMID="c11" GRPNO=24
"group25"LMID="c11" GRPNO=25
"group26"LMID="c11" GRPNO=26

*SERVERS
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
```

```
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
```

```
# *NETWORK
```

```
*SERVICES
```

```
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group26
```

```
*ROUTING
```

```
"route1" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="2861-2871:group1,2872-2882:group2,2883-2893:group3,2894-2904:group4,2905-2915:group5,2916-
2926:group6,2927-2937:group7,2938-2948:group8,2949-2959:group9,2960-2970:group10,2971-2981:group11,2982-
2992:group12,2993-3003:group13,3004-3014:group14,3015-3025:group15,3026-3036:group16,3037-3047:group17,3048-
3058:group18,3059-3069:group19,3070-3080:group20,3081-3091:group21,3092-3102:group22,3103-3113:group23,3114-
3124:group24,3125-3135:group25,3136-3146:group26,*,*"
#
# ubbconfig: TUXEDO configuration file
#
```

```
*RESOURCES
```

```
IPCKEY 40001 # IPC KEY from 32,768 to 16,777,215
MASTER c12 # machine on which master copy is found
UID 30 # user id as displayed by command "id"
```

```
GID      5433 # group id as displayed by command "id"
PERM     0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT    1000 # maximum simultaneous global transactions
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL     SHM # SHM=single processor, MP=multi processor
LDBAL     N # load balancing, Y=yes, N=no
CMTRET    COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT  30 # scan program wake-up time in secs.
SANITYSCAN 5 # sanity scan wake-up
DBBLWAIT  1 # scanunit multiplier for DBBL max time wait
BBLQUERY  60 # check out wake-up time
BLOCKTIME 10 # blocking call time-out
NOTIFY    DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL   SIGUSR2
```

*MACHINES

```
"c12" LMID="c12"
      TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c12"
      ROOTDIR="/export/home/tuxedo"
      APPDIR="/export/home/dbbench/tuxedo"
      ULOGPFX="/export/home/dbbench/tuxedo/ULOGc12"
      ENVFILE="/export/home/dbbench/tuxedo/c12.env"
```

*GROUPS

```
"group1" LMID="c12" GRPNO=1
"group2" LMID="c12" GRPNO=2
"group3" LMID="c12" GRPNO=3
"group4" LMID="c12" GRPNO=4
"group5" LMID="c12" GRPNO=5
"group6" LMID="c12" GRPNO=6
"group7" LMID="c12" GRPNO=7
"group8" LMID="c12" GRPNO=8
"group9" LMID="c12" GRPNO=9
"group10" LMID="c12" GRPNO=10
"group11" LMID="c12" GRPNO=11
"group12" LMID="c12" GRPNO=12
"group13" LMID="c12" GRPNO=13
"group14" LMID="c12" GRPNO=14
"group15" LMID="c12" GRPNO=15
"group16" LMID="c12" GRPNO=16
"group17" LMID="c12" GRPNO=17
"group18" LMID="c12" GRPNO=18
"group19" LMID="c12" GRPNO=19
"group20" LMID="c12" GRPNO=20
"group21" LMID="c12" GRPNO=21
"group22" LMID="c12" GRPNO=22
"group23" LMID="c12" GRPNO=23
"group24" LMID="c12" GRPNO=24
```



```

"group25"LMID="c12" GRPNO=25
"group26"LMID="c12" GRPNO=26

```

```

*SERVERS
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"

```

```
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
```

```
# *NETWORK
```

```
*SERVICES
```

```
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26
```

```
*ROUTING
```

```
"route1" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="3147-3157:group1,3158-3168:group2,3169-3179:group3,3180-3190:group4,3191-3201:group5,3202-
3212:group6,3213-3223:group7,3224-3234:group8,3235-3245:group9,3246-3256:group10,3257-3267:group11,3268-
3278:group12,3279-3289:group13,3290-3300:group14,3301-3311:group15,3312-3322:group16,3323-3333:group17,3334-
3344:group18,3345-3355:group19,3356-3366:group20,3367-3377:group21,3378-3388:group22,3389-3399:group23,3400-
3410:group24,3411-3421:group25,3422-3432:group26,*,*"
#
# ubbconfig: TUXEDO configuration file
#
```

```
*RESOURCES
```

```
IPCKEY 40001 # IPC KEY from 32,768 to 16,777,215
MASTER c13 # machine on which master copy is found
UID 30 # user id as displayed by command "id"
GID 5433 # group id as displayed by command "id"
PERM 0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT 1000 # maximum simultaneous global transactions
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
```

```
MAXCONV      1
MODEL        SHM # SHM=single processor, MP=multi processor
LDBAL        N # load balancing, Y=yes, N=no
CMTRET        COMPLETE
#MAXBUFTYPE  16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT     30 # scan program wake-up time in secs.
SANITYSCAN   5 # sanity scan wake-up
DBBLWAIT     1 # scanunit multiplier for DBBL max time wait
BBLQUERY     60 # check out wake-up time
BLOCKTIME    10 # blocking call time-out
NOTIFY        DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL       SIGUSR2
```

```
*MACHINES
```

```
"c13" LMID="c13"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c13"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc13"
    ENVFILE="/export/home/dbbench/tuxedo/c13.env"
```

```
*GROUPS
```

```
"group1" LMID="c13" GRPNO=1
"group2" LMID="c13" GRPNO=2
"group3" LMID="c13" GRPNO=3
"group4" LMID="c13" GRPNO=4
"group5" LMID="c13" GRPNO=5
"group6" LMID="c13" GRPNO=6
"group7" LMID="c13" GRPNO=7
"group8" LMID="c13" GRPNO=8
"group9" LMID="c13" GRPNO=9
"group10" LMID="c13" GRPNO=10
"group11" LMID="c13" GRPNO=11
"group12" LMID="c13" GRPNO=12
"group13" LMID="c13" GRPNO=13
"group14" LMID="c13" GRPNO=14
"group15" LMID="c13" GRPNO=15
"group16" LMID="c13" GRPNO=16
"group17" LMID="c13" GRPNO=17
"group18" LMID="c13" GRPNO=18
"group19" LMID="c13" GRPNO=19
"group20" LMID="c13" GRPNO=20
"group21" LMID="c13" GRPNO=21
"group22" LMID="c13" GRPNO=22
"group23" LMID="c13" GRPNO=23
"group24" LMID="c13" GRPNO=24
"group25" LMID="c13" GRPNO=25
"group26" LMID="c13" GRPNO=26
```

```
*SERVERS
```

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
```

```

TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group26

```

*ROUTING

```

"route1" FIELD=FML_TERM
    BUFTYPE="FML"
    RANGES="3433-3443:group1,3444-3454:group2,3455-3465:group3,3466-3476:group4,3477-3487:group5,3488-
3498:group6,3499-3509:group7,3510-3520:group8,3521-3531:group9,3532-3542:group10,3543-3553:group11,3554-
3564:group12,3565-3575:group13,3576-3586:group14,3587-3597:group15,3598-3608:group16,3609-3619:group17,3620-
3630:group18,3631-3641:group19,3642-3652:group20,3653-3663:group21,3664-3674:group22,3675-3685:group23,3686-
3696:group24,3697-3707:group25,3708-3718:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

```

*RESOURCES

```

IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c14  # machine on which master copy is found
UID        30  # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL      N   # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes

```

```
SCANUNIT    30  # scan program wake-up time in secs.
SANITYSCAN  5   # sanity scan wake-up
DBBLWAIT    1   # scanunit multiplier for DBBL max time wait
BBLQUERY    60  # check out wake-up time
BLOCKTIME   10  # blocking call time-out
NOTIFY      DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL     SIGUSR2

*MACHINES
"c14" LMID="c14"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c14"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc14"
    ENVFILE="/export/home/dbbench/tuxedo/c14.env"

*GROUPS

"group1" LMID="c14" GRPNO=1
"group2" LMID="c14" GRPNO=2
"group3" LMID="c14" GRPNO=3
"group4" LMID="c14" GRPNO=4
"group5" LMID="c14" GRPNO=5
"group6" LMID="c14" GRPNO=6
"group7" LMID="c14" GRPNO=7
"group8" LMID="c14" GRPNO=8
"group9" LMID="c14" GRPNO=9
"group10" LMID="c14" GRPNO=10
"group11" LMID="c14" GRPNO=11
"group12" LMID="c14" GRPNO=12
"group13" LMID="c14" GRPNO=13
"group14" LMID="c14" GRPNO=14
"group15" LMID="c14" GRPNO=15
"group16" LMID="c14" GRPNO=16
"group17" LMID="c14" GRPNO=17
"group18" LMID="c14" GRPNO=18
"group19" LMID="c14" GRPNO=19
"group20" LMID="c14" GRPNO=20
"group21" LMID="c14" GRPNO=21
"group22" LMID="c14" GRPNO=22
"group23" LMID="c14" GRPNO=23
"group24" LMID="c14" GRPNO=24
"group25" LMID="c14" GRPNO=25
"group26" LMID="c14" GRPNO=26

*SERVERS
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
```

```

TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6

```

```

"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group26

*ROUTING
"route1" FIELD=FML_TERM
    BUFTYPE="FML"
    RANGES="3719-3729:group1,3730-3740:group2,3741-3751:group3,3752-3762:group4,3763-3773:group5,3774-
3784:group6,3785-3795:group7,3796-3806:group8,3807-3817:group9,3818-3828:group10,3829-3839:group11,3840-
3850:group12,3851-3861:group13,3862-3872:group14,3873-3883:group15,3884-3894:group16,3895-3905:group17,3906-
3916:group18,3917-3927:group19,3928-3938:group20,3939-3949:group21,3950-3960:group22,3961-3971:group23,3972-
3982:group24,3983-3993:group25,3994-4004:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c15  # machine on which master copy is found
UID        30  # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM      0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL      N   # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT   30  # scan program wake-up time in secs.
SANITYSCAN 5   # sanity scan wake-up
DBBLWAIT   1   # scanunit multiplier for DBBL max time wait
BBLQUERY   60  # check out wake-up time
BLOCKTIME  10  # blocking call time-out
NOTIFY     DIPIN

```



```
SYSTEM_ACCESS FASTPATH
USIGNAL SIGUSR2
```

```
*MACHINES
```

```
"c15" LMID="c15"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c15"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc15"
    ENVFILE="/export/home/dbbench/tuxedo/c15.env"
```

```
*GROUPS
```

```
"group1" LMID="c15" GRPNO=1
"group2" LMID="c15" GRPNO=2
"group3" LMID="c15" GRPNO=3
"group4" LMID="c15" GRPNO=4
"group5" LMID="c15" GRPNO=5
"group6" LMID="c15" GRPNO=6
"group7" LMID="c15" GRPNO=7
"group8" LMID="c15" GRPNO=8
"group9" LMID="c15" GRPNO=9
"group10" LMID="c15" GRPNO=10
"group11" LMID="c15" GRPNO=11
"group12" LMID="c15" GRPNO=12
"group13" LMID="c15" GRPNO=13
"group14" LMID="c15" GRPNO=14
"group15" LMID="c15" GRPNO=15
"group16" LMID="c15" GRPNO=16
"group17" LMID="c15" GRPNO=17
"group18" LMID="c15" GRPNO=18
"group19" LMID="c15" GRPNO=19
"group20" LMID="c15" GRPNO=20
"group21" LMID="c15" GRPNO=21
"group22" LMID="c15" GRPNO=22
"group23" LMID="c15" GRPNO=23
"group24" LMID="c15" GRPNO=24
"group25" LMID="c15" GRPNO=25
"group26" LMID="c15" GRPNO=26
```

```
*SERVERS
```

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
```

```

TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12

```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

```

*ROUTING

```

"route1" FIELD=FML_TERM
    BUFTYPE="FML"
    RANGES="4005-4015:group1,4016-4026:group2,4027-4037:group3,4038-4048:group4,4049-4059:group5,4060-
4070:group6,4071-4081:group7,4082-4092:group8,4093-4103:group9,4104-4114:group10,4115-4125:group11,4126-
4136:group12,4137-4147:group13,4148-4158:group14,4159-4169:group15,4170-4180:group16,4181-4191:group17,4192-
4202:group18,4203-4213:group19,4214-4224:group20,4225-4235:group21,4236-4246:group22,4247-4257:group23,4258-
4268:group24,4269-4279:group25,4280-4290:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

```

*RESOURCES

```

IPCKEY      40001 # IPC KEY from 32,768 to 16,777,215
MASTER      c16  # machine on which master copy is found
UID         30   # user id as displayed by command "id"
GID         5433 # group id as displayed by command "id"
PERM        0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT      1000 # maximum simultaneous global transactions
MAXSERVERS  200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV     1
MODEL       SHM  # SHM=single processor, MP=multi processor
LDBAL       N   # load balancing, Y=yes, N=no
CMTRET      COMPLETE
#MAXBUFTYPE 16  # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT    30  # scan program wake-up time in secs.
SANITYSCAN  5   # sanity scan wake-up
DBBLWAIT    1   # scanunit multiplier for DBBL max time wait
BBLQUERY    60  # check out wake-up time
BLOCKTIME   10  # blocking call time-out
NOTIFY      DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL     SIGUSR2

```

*MACHINES

```

"c16" LMID="c16"

```

```
TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c16"
ROOTDIR="/export/home/tuxedo"
APPDIR="/export/home/dbbench/tuxedo"
ULOGPFX="/export/home/dbbench/tuxedo/ULOGc16"
ENVFILE="/export/home/dbbench/tuxedo/c16.env"
```

*GROUPS

```
"group1"LMID="c16" GRPNO=1
"group2"LMID="c16" GRPNO=2
"group3"LMID="c16" GRPNO=3
"group4"LMID="c16" GRPNO=4
"group5"LMID="c16" GRPNO=5
"group6"LMID="c16" GRPNO=6
"group7"LMID="c16" GRPNO=7
"group8"LMID="c16" GRPNO=8
"group9"LMID="c16" GRPNO=9
"group10"LMID="c16" GRPNO=10
"group11"LMID="c16" GRPNO=11
"group12"LMID="c16" GRPNO=12
"group13"LMID="c16" GRPNO=13
"group14"LMID="c16" GRPNO=14
"group15"LMID="c16" GRPNO=15
"group16"LMID="c16" GRPNO=16
"group17"LMID="c16" GRPNO=17
"group18"LMID="c16" GRPNO=18
"group19"LMID="c16" GRPNO=19
"group20"LMID="c16" GRPNO=20
"group21"LMID="c16" GRPNO=21
"group22"LMID="c16" GRPNO=22
"group23"LMID="c16" GRPNO=23
"group24"LMID="c16" GRPNO=24
"group25"LMID="c16" GRPNO=25
"group26"LMID="c16" GRPNO=26
```

*SERVERS

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
```

```

TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18

```

```

"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group26

*ROUTING
"route1" FIELD=FML_TERM
    BUFTYPE="FML"
    RANGES="4291-4301:group1,4302-4312:group2,4313-4323:group3,4324-4334:group4,4335-4345:group5,4346-
4356:group6,4357-4367:group7,4368-4378:group8,4379-4389:group9,4390-4400:group10,4401-4411:group11,4412-
4422:group12,4423-4433:group13,4434-4444:group14,4445-4455:group15,4456-4466:group16,4467-4477:group17,4478-
4488:group18,4489-4499:group19,4500-4510:group20,4511-4521:group21,4522-4532:group22,4533-4543:group23,4544-
4554:group24,4555-4565:group25,4566-4576:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c17  # machine on which master copy is found
UID        30  # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL      N   # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT   30  # scan program wake-up time in secs.
SANITYSCAN 5   # sanity scan wake-up
DBBLWAIT   1   # scanunit multiplier for DBBL max time wait
BBLQUERY   60  # check out wake-up time
BLOCKTIME  10  # blocking call time-out
NOTIFY     DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL    SIGUSR2

*MACHINES
"c17" LMID="c17"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c17"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc17"
    ENVFILE="/export/home/dbbench/tuxedo/c17.env"

```

```
*GROUPS
```

```
"group1"LMID="c17" GRPNO=1
"group2"LMID="c17" GRPNO=2
"group3"LMID="c17" GRPNO=3
"group4"LMID="c17" GRPNO=4
"group5"LMID="c17" GRPNO=5
"group6"LMID="c17" GRPNO=6
"group7"LMID="c17" GRPNO=7
"group8"LMID="c17" GRPNO=8
"group9"LMID="c17" GRPNO=9
"group10"LMID="c17" GRPNO=10
"group11"LMID="c17" GRPNO=11
"group12"LMID="c17" GRPNO=12
"group13"LMID="c17" GRPNO=13
"group14"LMID="c17" GRPNO=14
"group15"LMID="c17" GRPNO=15
"group16"LMID="c17" GRPNO=16
"group17"LMID="c17" GRPNO=17
"group18"LMID="c17" GRPNO=18
"group19"LMID="c17" GRPNO=19
"group20"LMID="c17" GRPNO=20
"group21"LMID="c17" GRPNO=21
"group22"LMID="c17" GRPNO=22
"group23"LMID="c17" GRPNO=23
"group24"LMID="c17" GRPNO=24
"group25"LMID="c17" GRPNO=25
"group26"LMID="c17" GRPNO=26
```

```
*SERVERS
```

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
```

```

TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24

```



```
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group26
```

```
*ROUTING
```

```
"route1"FIELD=FML_TERM
  BUFTYPE="FML"
  RANGES="4577-4587:group1,4588-4598:group2,4599-4609:group3,4610-4620:group4,4621-4631:group5,4632-
4642:group6,4643-4653:group7,4654-4664:group8,4665-4675:group9,4676-4686:group10,4687-4697:group11,4698-
4708:group12,4709-4719:group13,4720-4730:group14,4731-4741:group15,4742-4752:group16,4753-4763:group17,4764-
4774:group18,4775-4785:group19,4786-4796:group20,4797-4807:group21,4808-4818:group22,4819-4829:group23,4830-
4840:group24,4841-4851:group25,4852-4862:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#
```

```
*RESOURCES
```

```
IPCKEY   40001 # IPC KEY from 32,768 to 16,777,215
MASTER   c18   # machine on which master copy is found
UID       30   # user id as displayed by command "id"
GID       5433 # group id as displayed by command "id"
PERM      0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT    1000 # maximum simultaneous global transactions
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV   1
MODEL     SHM  # SHM=single processor, MP=multi processor
LDBAL     N    # load balancing, Y=yes, N=no
CMTRET    COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT  30   # scan program wake-up time in secs.
SANITYSCAN 5   # sanity scan wake-up
DBBLWAIT  1    # scanunit multiplier for DBBL max time wait
BBLQUERY  60   # check out wake-up time
BLOCKTIME 10  # blocking call time-out
NOTIFY    DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL   SIGUSR2
```

```
*MACHINES
```

```
"c18" LMID="c18"
  TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c18"
  ROOTDIR="/export/home/tuxedo"
  APPDIR="/export/home/dbbench/tuxedo"
  ULOGPFX="/export/home/dbbench/tuxedo/ULOGc18"
  ENVFILE="/export/home/dbbench/tuxedo/c18.env"
```

```
*GROUPS
```

```
"group1"LMID="c18" GRPNO=1
"group2"LMID="c18" GRPNO=2
"group3"LMID="c18" GRPNO=3
"group4"LMID="c18" GRPNO=4
```

```

"group5"LMID="c18" GRPNO=5
"group6"LMID="c18" GRPNO=6
"group7"LMID="c18" GRPNO=7
"group8"LMID="c18" GRPNO=8
"group9"LMID="c18" GRPNO=9
"group10"LMID="c18" GRPNO=10
"group11"LMID="c18" GRPNO=11
"group12"LMID="c18" GRPNO=12
"group13"LMID="c18" GRPNO=13
"group14"LMID="c18" GRPNO=14
"group15"LMID="c18" GRPNO=15
"group16"LMID="c18" GRPNO=16
"group17"LMID="c18" GRPNO=17
"group18"LMID="c18" GRPNO=18
"group19"LMID="c18" GRPNO=19
"group20"LMID="c18" GRPNO=20
"group21"LMID="c18" GRPNO=21
"group22"LMID="c18" GRPNO=22
"group23"LMID="c18" GRPNO=23
"group24"LMID="c18" GRPNO=24
"group25"LMID="c18" GRPNO=25
"group26"LMID="c18" GRPNO=26

```

*SERVERS

```

DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"

```

```
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
```

```
# *NETWORK
```

```
*SERVICES
```

```
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26
```

```
*ROUTING
```

```
"route1"FIELD=FML_TERM
```

```

BUFTYPE="FML"
RANGES="4863-4873:group1,4874-4884:group2,4885-4895:group3,4896-4906:group4,4907-4917:group5,4918-
4928:group6,4929-4939:group7,4940-4950:group8,4951-4961:group9,4962-4972:group10,4973-4983:group11,4984-
4994:group12,4995-5005:group13,5006-5016:group14,5017-5027:group15,5028-5038:group16,5039-5049:group17,5050-
5060:group18,5061-5071:group19,5072-5082:group20,5083-5093:group21,5094-5104:group22,5105-5115:group23,5116-
5126:group24,5127-5137:group25,5138-5148:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER   c19  # machine on which master copy is found
UID       30  # user id as displayed by command "id"
GID       5433 # group id as displayed by command "id"
PERM      0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT    1000 # maximum simultaneous global transactions
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV   1
MODEL     SHM  # SHM=single processor, MP=multi processor
LDBAL     N   # load balancing, Y=yes, N=no
CMTRET    COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT  30  # scan program wake-up time in secs.
SANITYSCAN 5  # sanity scan wake-up
DBBLWAIT  1   # scanunit multiplier for DBBL max time wait
BBLQUERY  60  # check out wake-up time
BLOCKTIME 10  # blocking call time-out
NOTIFY    DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL   SIGUSR2

*MACHINES
"c19" LMID="c19"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c19"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc19"
    ENVFILE="/export/home/dbbench/tuxedo/c19.env"

*GROUPS

"group1" LMID="c19" GRPNO=1
"group2" LMID="c19" GRPNO=2
"group3" LMID="c19" GRPNO=3
"group4" LMID="c19" GRPNO=4
"group5" LMID="c19" GRPNO=5
"group6" LMID="c19" GRPNO=6
"group7" LMID="c19" GRPNO=7
"group8" LMID="c19" GRPNO=8
"group9" LMID="c19" GRPNO=9
"group10" LMID="c19" GRPNO=10

```

```

"group11"LMID="c19" GRPNO=11
"group12"LMID="c19" GRPNO=12
"group13"LMID="c19" GRPNO=13
"group14"LMID="c19" GRPNO=14
"group15"LMID="c19" GRPNO=15
"group16"LMID="c19" GRPNO=16
"group17"LMID="c19" GRPNO=17
"group18"LMID="c19" GRPNO=18
"group19"LMID="c19" GRPNO=19
"group20"LMID="c19" GRPNO=20
"group21"LMID="c19" GRPNO=21
"group22"LMID="c19" GRPNO=22
"group23"LMID="c19" GRPNO=23
"group24"LMID="c19" GRPNO=24
"group25"LMID="c19" GRPNO=25
"group26"LMID="c19" GRPNO=26

*SERVERS
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"

```

```

TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

```

```
*ROUTING
```

```

"route1" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="5149-5159:group1,5160-5170:group2,5171-5181:group3,5182-5192:group4,5193-5203:group5,5204-
5214:group6,5215-5225:group7,5226-5236:group8,5237-5247:group9,5248-5258:group10,5259-5269:group11,5270-
5280:group12,5281-5291:group13,5292-5302:group14,5303-5313:group15,5314-5324:group16,5325-5335:group17,5336-
5346:group18,5347-5357:group19,5358-5368:group20,5369-5379:group21,5380-5390:group22,5391-5401:group23,5402-
5412:group24,5413-5423:group25,5424-5434:group26,*,*"

```

```

#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c2   # machine on which master copy is found
UID        30   # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL      N   # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16  # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT   30  # scan program wake-up time in secs.
SANITYSCAN 5   # sanity scan wake-up
DBBLWAIT   1   # scanunit multiplier for DBBL max time wait
BBLQUERY   60  # check out wake-up time
BLOCKTIME  10  # blocking call time-out
NOTIFY     DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL    SIGUSR2

*MACHINES
"c2" LMID="c2"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c2"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc2"
    ENVFILE="/export/home/dbbench/tuxedo/c2.env"

*GROUPS

"group1" LMID="c2" GRPNO=1
"group2" LMID="c2" GRPNO=2
"group3" LMID="c2" GRPNO=3
"group4" LMID="c2" GRPNO=4
"group5" LMID="c2" GRPNO=5
"group6" LMID="c2" GRPNO=6
"group7" LMID="c2" GRPNO=7
"group8" LMID="c2" GRPNO=8
"group9" LMID="c2" GRPNO=9
"group10" LMID="c2" GRPNO=10
"group11" LMID="c2" GRPNO=11
"group12" LMID="c2" GRPNO=12
"group13" LMID="c2" GRPNO=13
"group14" LMID="c2" GRPNO=14
"group15" LMID="c2" GRPNO=15
"group16" LMID="c2" GRPNO=16

```

```
"group17"LMID="c2" GRPNO=17
"group18"LMID="c2" GRPNO=18
"group19"LMID="c2" GRPNO=19
"group20"LMID="c2" GRPNO=20
"group21"LMID="c2" GRPNO=21
"group22"LMID="c2" GRPNO=22
"group23"LMID="c2" GRPNO=23
"group24"LMID="c2" GRPNO=24
"group25"LMID="c2" GRPNO=25
"group26"LMID="c2" GRPNO=26
```

*SERVERS

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
```



```

TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

```

```
*ROUTING
```

```

"route1" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="287-297:group1,298-308:group2,309-319:group3,320-330:group4,331-341:group5,342-
352:group6,353-363:group7,364-374:group8,375-385:group9,386-396:group10,397-407:group11,408-418:group12,419-
429:group13,430-440:group14,441-451:group15,452-462:group16,463-473:group17,474-484:group18,485-
495:group19,496-506:group20,507-517:group21,518-528:group22,529-539:group23,540-550:group24,551-
561:group25,562-572:group26,*,*"
#
# ubbconfig: TUXEDO configuration file
#

```

```
*RESOURCES
```

```
IPCKEY 40001 # IPC KEY from 32,768 to 16,777,215
```

```

MASTER      c20  # machine on which master copy is found
UID         30  # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL     N    # load balancing, Y=yes, N=no
CMTRET    COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT   30  # scan program wake-up time in secs.
SANITYSCAN 5   # sanity scan wake-up
DBBLWAIT   1   # scanunit multiplier for DBBL max time wait
BBLQUERY   60  # check out wake-up time
BLOCKTIME  10  # blocking call time-out
NOTIFY     DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL    SIGUSR2

```

*MACHINES

```

"c20" LMID="c20"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c20"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc20"
    ENVFILE="/export/home/dbbench/tuxedo/c20.env"

```

*GROUPS

```

"group1" LMID="c20" GRPNO=1
"group2" LMID="c20" GRPNO=2
"group3" LMID="c20" GRPNO=3
"group4" LMID="c20" GRPNO=4
"group5" LMID="c20" GRPNO=5
"group6" LMID="c20" GRPNO=6
"group7" LMID="c20" GRPNO=7
"group8" LMID="c20" GRPNO=8
"group9" LMID="c20" GRPNO=9
"group10" LMID="c20" GRPNO=10
"group11" LMID="c20" GRPNO=11
"group12" LMID="c20" GRPNO=12
"group13" LMID="c20" GRPNO=13
"group14" LMID="c20" GRPNO=14
"group15" LMID="c20" GRPNO=15
"group16" LMID="c20" GRPNO=16
"group17" LMID="c20" GRPNO=17
"group18" LMID="c20" GRPNO=18
"group19" LMID="c20" GRPNO=19
"group20" LMID="c20" GRPNO=20
"group21" LMID="c20" GRPNO=21
"group22" LMID="c20" GRPNO=22

```

```

"group23"LMID="c20" GRPNO=23
"group24"LMID="c20" GRPNO=24
"group25"LMID="c20" GRPNO=25
"group26"LMID="c20" GRPNO=26

```

*SERVERS

```

DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"

```

```

TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"

# *NETWORK

*SERVICES
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC" TRANTIME=0ROUTING="route1" SRVGRP=group26

*ROUTING
"route1" FIELD=FML_TERM
      BUFTYPE="FML"
      RANGES="5435-5445:group1,5446-5456:group2,5457-5467:group3,5468-5478:group4,5479-5489:group5,5490-
5500:group6,5501-5511:group7,5512-5522:group8,5523-5533:group9,5534-5544:group10,5545-5555:group11,5556-
5566:group12,5567-5577:group13,5578-5588:group14,5589-5599:group15,5600-5610:group16,5611-5621:group17,5622-
5632:group18,5633-5643:group19,5644-5654:group20,5655-5665:group21,5666-5676:group22,5677-5687:group23,5688-
5698:group24,5699-5709:group25,5710-5720:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY   40001 # IPC KEY from 32,768 to 16,777,215
MASTER   c3   # machine on which master copy is found
UID       30   # user id as displayed by command "id"
GID       5433 # group id as displayed by command "id"
PERM      0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT    1000 # maximum simultaneous global transactions

```

```
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV 1
MODEL SHM # SHM=single processor, MP=multi processor
LDBAL N # load balancing, Y=yes, N=no
CMTRET COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT 30 # scan program wake-up time in secs.
SANITYSCAN 5 # sanity scan wake-up
DBBLWAIT 1 # scanunit multiplier for DBBL max time wait
BBLQUERY 60 # check out wake-up time
BLOCKTIME 10 # blocking call time-out
NOTIFY DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL SIGUSR2
```

*MACHINES

```
"c3" LMID="c3"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c3"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc3"
    ENVFILE="/export/home/dbbench/tuxedo/c3.env"
```

*GROUPS

```
"group1" LMID="c3" GRPNO=1
"group2" LMID="c3" GRPNO=2
"group3" LMID="c3" GRPNO=3
"group4" LMID="c3" GRPNO=4
"group5" LMID="c3" GRPNO=5
"group6" LMID="c3" GRPNO=6
"group7" LMID="c3" GRPNO=7
"group8" LMID="c3" GRPNO=8
"group9" LMID="c3" GRPNO=9
"group10" LMID="c3" GRPNO=10
"group11" LMID="c3" GRPNO=11
"group12" LMID="c3" GRPNO=12
"group13" LMID="c3" GRPNO=13
"group14" LMID="c3" GRPNO=14
"group15" LMID="c3" GRPNO=15
"group16" LMID="c3" GRPNO=16
"group17" LMID="c3" GRPNO=17
"group18" LMID="c3" GRPNO=18
"group19" LMID="c3" GRPNO=19
"group20" LMID="c3" GRPNO=20
"group21" LMID="c3" GRPNO=21
"group22" LMID="c3" GRPNO=22
"group23" LMID="c3" GRPNO=23
"group24" LMID="c3" GRPNO=24
"group25" LMID="c3" GRPNO=25
"group26" LMID="c3" GRPNO=26
```

*SERVERS

```

DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"

```

```
# *NETWORK
```

```

*SERVICES
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

*ROUTING
"route1"FIELD=FML_TERM
    BUFTYPE="FML"
    RANGES="573-583:group1,584-594:group2,595-605:group3,606-616:group4,617-627:group5,628-
638:group6,639-649:group7,650-660:group8,661-671:group9,672-682:group10,683-693:group11,694-704:group12,705-
715:group13,716-726:group14,727-737:group15,738-748:group16,749-759:group17,760-770:group18,771-
781:group19,782-792:group20,793-803:group21,804-814:group22,815-825:group23,826-836:group24,837-
847:group25,848-858:group26,*,*"
#
#   ubbconfig : TUXEDO configuration file
#

*RESOURCES
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c4   # machine on which master copy is found
UID        30   # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL      N   # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16 # maximum buffer types

```

```

#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT 30 # scan program wake-up time in secs.
SANITYSCAN 5 # sanity scan wake-up
DBBLWAIT 1 # scanunit multiplier for DBBL max time wait
BBLQUERY 60 # check out wake-up time
BLOCKTIME 10 # blocking call time-out
NOTIFY DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL SIGUSR2

*MACHINES
"c4" LMID="c4"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c4"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc4"
    ENVFILE="/export/home/dbbench/tuxedo/c4.env"

*GROUPS

"group1"LMID="c4" GRPNO=1
"group2"LMID="c4" GRPNO=2
"group3"LMID="c4" GRPNO=3
"group4"LMID="c4" GRPNO=4
"group5"LMID="c4" GRPNO=5
"group6"LMID="c4" GRPNO=6
"group7"LMID="c4" GRPNO=7
"group8"LMID="c4" GRPNO=8
"group9"LMID="c4" GRPNO=9
"group10"LMID="c4" GRPNO=10
"group11"LMID="c4" GRPNO=11
"group12"LMID="c4" GRPNO=12
"group13"LMID="c4" GRPNO=13
"group14"LMID="c4" GRPNO=14
"group15"LMID="c4" GRPNO=15
"group16"LMID="c4" GRPNO=16
"group17"LMID="c4" GRPNO=17
"group18"LMID="c4" GRPNO=18
"group19"LMID="c4" GRPNO=19
"group20"LMID="c4" GRPNO=20
"group21"LMID="c4" GRPNO=21
"group22"LMID="c4" GRPNO=22
"group23"LMID="c4" GRPNO=23
"group24"LMID="c4" GRPNO=24
"group25"LMID="c4" GRPNO=25
"group26"LMID="c4" GRPNO=26

*SERVERS
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"

```



```

TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6

```

```

"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group26

```

*ROUTING

```

"route1" FIELD=FML_TERM
    BUFTYPE="FML"
    RANGES="859-869:group1,870-880:group2,881-891:group3,892-902:group4,903-913:group5,914-
924:group6,925-935:group7,936-946:group8,947-957:group9,958-968:group10,969-979:group11,980-990:group12,991-
1001:group13,1002-1012:group14,1013-1023:group15,1024-1034:group16,1035-1045:group17,1046-1056:group18,1057-
1067:group19,1068-1078:group20,1079-1089:group21,1090-1100:group22,1101-1111:group23,1112-1122:group24,1123-
1133:group25,1134-1144:group26,*.*)"
#
#   ubbconfig: TUXEDO configuration file
#

```

*RESOURCES

```

IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c5   # machine on which master copy is found
UID        30   # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL      N   # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16  # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT   30  # scan program wake-up time in secs.
SANITYSCAN 5   # sanity scan wake-up
DBBLWAIT   1   # scanunit multiplier for DBBL max time wait
BBLQUERY   60  # check out wake-up time
BLOCKTIME  10  # blocking call time-out
NOTIFY     DIPIN

```

```
SYSTEM_ACCESS FASTPATH
USIGNAL SIGUSR2
```

```
*MACHINES
```

```
"c5" LMID="c5"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c5"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc5"
    ENVFILE="/export/home/dbbench/tuxedo/c5.env"
```

```
*GROUPS
```

```
"group1" LMID="c5" GRPNO=1
"group2" LMID="c5" GRPNO=2
"group3" LMID="c5" GRPNO=3
"group4" LMID="c5" GRPNO=4
"group5" LMID="c5" GRPNO=5
"group6" LMID="c5" GRPNO=6
"group7" LMID="c5" GRPNO=7
"group8" LMID="c5" GRPNO=8
"group9" LMID="c5" GRPNO=9
"group10" LMID="c5" GRPNO=10
"group11" LMID="c5" GRPNO=11
"group12" LMID="c5" GRPNO=12
"group13" LMID="c5" GRPNO=13
"group14" LMID="c5" GRPNO=14
"group15" LMID="c5" GRPNO=15
"group16" LMID="c5" GRPNO=16
"group17" LMID="c5" GRPNO=17
"group18" LMID="c5" GRPNO=18
"group19" LMID="c5" GRPNO=19
"group20" LMID="c5" GRPNO=20
"group21" LMID="c5" GRPNO=21
"group22" LMID="c5" GRPNO=22
"group23" LMID="c5" GRPNO=23
"group24" LMID="c5" GRPNO=24
"group25" LMID="c5" GRPNO=25
"group26" LMID="c5" GRPNO=26
```

```
*SERVERS
```

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
```

```

TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT="" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12

```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

*ROUTING
"route1" FIELD=FML_TERM
      BUFTYPE="FML"
      RANGES="1145-1155:group1,1156-1166:group2,1167-1177:group3,1178-1188:group4,1189-1199:group5,1200-
1210:group6,1211-1221:group7,1222-1232:group8,1233-1243:group9,1244-1254:group10,1255-1265:group11,1266-
1276:group12,1277-1287:group13,1288-1298:group14,1299-1309:group15,1310-1320:group16,1321-1331:group17,1332-
1342:group18,1343-1353:group19,1354-1364:group20,1365-1375:group21,1376-1386:group22,1387-1397:group23,1398-
1408:group24,1409-1419:group25,1420-1430:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY   40001 # IPC KEY from 32,768 to 16,777,215
MASTER   c6   # machine on which master copy is found
UID       30   # user id as displayed by command "id"
GID       5433 # group id as displayed by command "id"
PERM      0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accesing bulleting board
MAXGTT    1000 # maximum simultaneous global transactions
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV   1
MODEL     SHM # SHM=single processor, MP=multi processor
LDBAL     N   # load balancing, Y=yes, N=no
CMTRET    COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT  30 # scan program wake-up time in secs.
SANITYSCAN 5 # sanity scan wake-up
DBBLWAIT  1 # scanunit multiplier for DBBL max time wait
BBLQUERY  60 # check out wake-up time
BLOCKTIME 10 # blocking call time-out
NOTIFY    DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL   SIGUSR2

*MACHINES
"c6" LMID="c6"

```

```
TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c6"
ROOTDIR="/export/home/tuxedo"
APPDIR="/export/home/dbbench/tuxedo"
ULOGPFX="/export/home/dbbench/tuxedo/ULOGc6"
ENVFILE="/export/home/dbbench/tuxedo/c6.env"
```

*GROUPS

```
"group1"LMID="c6" GRPNO=1
"group2"LMID="c6" GRPNO=2
"group3"LMID="c6" GRPNO=3
"group4"LMID="c6" GRPNO=4
"group5"LMID="c6" GRPNO=5
"group6"LMID="c6" GRPNO=6
"group7"LMID="c6" GRPNO=7
"group8"LMID="c6" GRPNO=8
"group9"LMID="c6" GRPNO=9
"group10"LMID="c6" GRPNO=10
"group11"LMID="c6" GRPNO=11
"group12"LMID="c6" GRPNO=12
"group13"LMID="c6" GRPNO=13
"group14"LMID="c6" GRPNO=14
"group15"LMID="c6" GRPNO=15
"group16"LMID="c6" GRPNO=16
"group17"LMID="c6" GRPNO=17
"group18"LMID="c6" GRPNO=18
"group19"LMID="c6" GRPNO=19
"group20"LMID="c6" GRPNO=20
"group21"LMID="c6" GRPNO=21
"group22"LMID="c6" GRPNO=22
"group23"LMID="c6" GRPNO=23
"group24"LMID="c6" GRPNO=24
"group25"LMID="c6" GRPNO=25
"group26"LMID="c6" GRPNO=26
```

*SERVERS

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
```

```

TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env11"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18

```

```

"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group26

*ROUTING
"route1"FIELD=FML_TERM
BUFTYPE="FML"
RANGES="1431-1441:group1,1442-1452:group2,1453-1463:group3,1464-1474:group4,1475-1485:group5,1486-
1496:group6,1497-1507:group7,1508-1518:group8,1519-1529:group9,1530-1540:group10,1541-1551:group11,1552-
1562:group12,1563-1573:group13,1574-1584:group14,1585-1595:group15,1596-1606:group16,1607-1617:group17,1618-
1628:group18,1629-1639:group19,1640-1650:group20,1651-1661:group21,1662-1672:group22,1673-1683:group23,1684-
1694:group24,1695-1705:group25,1706-1716:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c7   # machine on which master copy is found
UID        30   # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM  # SHM=single processor, MP=multi processor
LDBAL      N   # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT   30  # scan program wake-up time in secs.
SANITYSCAN 5   # sanity scan wake-up
DBBLWAIT   1   # scanunit multiplier for DBBL max time wait
BBLQUERY   60  # check out wake-up time
BLOCKTIME  10  # blocking call time-out
NOTIFY     DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL    SIGUSR2

*MACHINES
"c7" LMID="c7"
TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c7"
ROOTDIR="/export/home/tuxedo"
APPDIR="/export/home/dbbench/tuxedo"
ULOGPFX="/export/home/dbbench/tuxedo/ULOGc7"
ENVFILE="/export/home/dbbench/tuxedo/c7.env"

```


*GROUPS

```

"group1"LMID="c7" GRPNO=1
"group2"LMID="c7" GRPNO=2
"group3"LMID="c7" GRPNO=3
"group4"LMID="c7" GRPNO=4
"group5"LMID="c7" GRPNO=5
"group6"LMID="c7" GRPNO=6
"group7"LMID="c7" GRPNO=7
"group8"LMID="c7" GRPNO=8
"group9"LMID="c7" GRPNO=9
"group10"LMID="c7" GRPNO=10
"group11"LMID="c7" GRPNO=11
"group12"LMID="c7" GRPNO=12
"group13"LMID="c7" GRPNO=13
"group14"LMID="c7" GRPNO=14
"group15"LMID="c7" GRPNO=15
"group16"LMID="c7" GRPNO=16
"group17"LMID="c7" GRPNO=17
"group18"LMID="c7" GRPNO=18
"group19"LMID="c7" GRPNO=19
"group20"LMID="c7" GRPNO=20
"group21"LMID="c7" GRPNO=21
"group22"LMID="c7" GRPNO=22
"group23"LMID="c7" GRPNO=23
"group24"LMID="c7" GRPNO=24
"group25"LMID="c7" GRPNO=25
"group26"LMID="c7" GRPNO=26

```

*SERVERS

```

DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env12"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env13"

```

```

TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env14"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24

```

```
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANSTIME=0ROUTING="route1" SRVGRP=group26
```

```
*ROUTING
```

```
"route1"FIELD=FML_TERM
    BUFTYPE="FML"
    RANGES="1717-1727:group1,1728-1738:group2,1739-1749:group3,1750-1760:group4,1761-1771:group5,1772-
1782:group6,1783-1793:group7,1794-1804:group8,1805-1815:group9,1816-1826:group10,1827-1837:group11,1838-
1848:group12,1849-1859:group13,1860-1870:group14,1871-1881:group15,1882-1892:group16,1893-1903:group17,1904-
1914:group18,1915-1925:group19,1926-1936:group20,1937-1947:group21,1948-1958:group22,1959-1969:group23,1970-
1980:group24,1981-1991:group25,1992-2002:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#
```

```
*RESOURCES
```

```
IPCKEY    40001 # IPC KEY from 32,768 to 16,777,215
MASTER    c8 # machine on which master copy is found
UID        30 # user id as displayed by command "id"
GID        5433 # group id as displayed by command "id"
PERM       0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT     1000 # maximum simultaneous global transactions
MAXSERVERS 200 # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV    1
MODEL      SHM # SHM=single processor, MP=multi processor
LDBAL      N # load balancing, Y=yes, N=no
CMTRET     COMPLETE
#MAXBUFTYPE 16 # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT   30 # scan program wake-up time in secs.
SANITYSCAN 5 # sanity scan wake-up
DBBLWAIT   1 # scanunit multiplier for DBBL max time wait
BBLQUERY   60 # check out wake-up time
BLOCKTIME  10 # blocking call time-out
NOTIFY     DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL    SIGUSR2
```

```
*MACHINES
```

```
"c8" LMID="c8"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c8"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc8"
    ENVFILE="/export/home/dbbench/tuxedo/c8.env"
```

```
*GROUPS
```

```
"group1"LMID="c8" GRPNO=1
"group2"LMID="c8" GRPNO=2
"group3"LMID="c8" GRPNO=3
"group4"LMID="c8" GRPNO=4
```

```
"group5"LMID="c8" GRPNO=5
"group6"LMID="c8" GRPNO=6
"group7"LMID="c8" GRPNO=7
"group8"LMID="c8" GRPNO=8
"group9"LMID="c8" GRPNO=9
"group10"LMID="c8" GRPNO=10
"group11"LMID="c8" GRPNO=11
"group12"LMID="c8" GRPNO=12
"group13"LMID="c8" GRPNO=13
"group14"LMID="c8" GRPNO=14
"group15"LMID="c8" GRPNO=15
"group16"LMID="c8" GRPNO=16
"group17"LMID="c8" GRPNO=17
"group18"LMID="c8" GRPNO=18
"group19"LMID="c8" GRPNO=19
"group20"LMID="c8" GRPNO=20
"group21"LMID="c8" GRPNO=21
"group22"LMID="c8" GRPNO=22
"group23"LMID="c8" GRPNO=23
"group24"LMID="c8" GRPNO=24
"group25"LMID="c8" GRPNO=25
"group26"LMID="c8" GRPNO=26
```

*SERVERS

```
DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env15"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env4"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
```

```

TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env5"
TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env6"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group1
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group2
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group3
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group4
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group5
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group6
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group7
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group8
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group9
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group10
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group11
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group12
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group13
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group14
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group15
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group16
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group17
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group18
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group19
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group20
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group21
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group22
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group23
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group24
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group25
"TPCC"TRANTIME=0ROUTING="route1" SRVGRP=group26

```

```
*ROUTING
```

```
"route1" FIELD=FML_TERM
```

```

BUFTYPE="FML"
RANGES="2003-2013:group1,2014-2024:group2,2025-2035:group3,2036-2046:group4,2047-2057:group5,2058-
2068:group6,2069-2079:group7,2080-2090:group8,2091-2101:group9,2102-2112:group10,2113-2123:group11,2124-
2134:group12,2135-2145:group13,2146-2156:group14,2157-2167:group15,2168-2178:group16,2179-2189:group17,2190-
2200:group18,2201-2211:group19,2212-2222:group20,2223-2233:group21,2234-2244:group22,2245-2255:group23,2256-
2266:group24,2267-2277:group25,2278-2288:group26,*,*"
#
#   ubbconfig: TUXEDO configuration file
#

*RESOURCES
IPCKEY      40001 # IPC KEY from 32,768 to 16,777,215
MASTER     c9   # machine on which master copy is found
UID         30   # user id as displayed by command "id"
GID         5433 # group id as displayed by command "id"
PERM        0666 # UNIX permission from 0001 to 0777 in octal
MAXACCESSERS 3700# max no of processes accessing bulleting board
MAXGTT      1000 # maximum simultaneous global transactions
MAXSERVERS  200  # maximum number of servers
MAXSERVICES 3100 # 991022 to big OK?.old=200 #maximum number of services
MAXCONV     1
MODEL       SHM  # SHM=single processor, MP=multi processor
LDBAL       N   # load balancing, Y=yes, N=no
CMTRET      COMPLETE
#MAXBUFTYPE 16  # maximum buffer types
#MAXBUFSTYPE 32 # maximum buffer subtypes
SCANUNIT    30  # scan program wake-up time in secs.
SANITYSCAN  5   # sanity scan wake-up
DBBLWAIT    1   # scanunit multiplier for DBBL max time wait
BBLQUERY    60  # check out wake-up time
BLOCKTIME   10  # blocking call time-out
NOTIFY      DIPIN
SYSTEM_ACCESS FASTPATH
USIGNAL     SIGUSR2

*MACHINES
"c9" LMID="c9"
    TUXCONFIG="/export/home/dbbench/tuxedo/tuxconfig.c9"
    ROOTDIR="/export/home/tuxedo"
    APPDIR="/export/home/dbbench/tuxedo"
    ULOGPFX="/export/home/dbbench/tuxedo/ULOGc9"
    ENVFILE="/export/home/dbbench/tuxedo/c9.env"

*GROUPS
"group1"LMID="c9" GRPNO=1
"group2"LMID="c9" GRPNO=2
"group3"LMID="c9" GRPNO=3
"group4"LMID="c9" GRPNO=4
"group5"LMID="c9" GRPNO=5
"group6"LMID="c9" GRPNO=6
"group7"LMID="c9" GRPNO=7
"group8"LMID="c9" GRPNO=8
"group9"LMID="c9" GRPNO=9
"group10"LMID="c9" GRPNO=10

```

```

"group11"LMID="c9" GRPNO=11
"group12"LMID="c9" GRPNO=12
"group13"LMID="c9" GRPNO=13
"group14"LMID="c9" GRPNO=14
"group15"LMID="c9" GRPNO=15
"group16"LMID="c9" GRPNO=16
"group17"LMID="c9" GRPNO=17
"group18"LMID="c9" GRPNO=18
"group19"LMID="c9" GRPNO=19
"group20"LMID="c9" GRPNO=20
"group21"LMID="c9" GRPNO=21
"group22"LMID="c9" GRPNO=22
"group23"LMID="c9" GRPNO=23
"group24"LMID="c9" GRPNO=24
"group25"LMID="c9" GRPNO=25
"group26"LMID="c9" GRPNO=26

```

*SERVERS

```

DEFAULT:RESTART=Y MAXGEN=5 REPLYQ=N RQPERM=0660
TPCC SRVGRP=group1 RQADDR=TPCCq1 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group2 RQADDR=TPCCq2 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group3 RQADDR=TPCCq3 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group4 RQADDR=TPCCq4 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group5 RQADDR=TPCCq5 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group6 RQADDR=TPCCq6 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group7 RQADDR=TPCCq7 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group8 RQADDR=TPCCq8 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env7"
TPCC SRVGRP=group9 RQADDR=TPCCq9 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group10 RQADDR=TPCCq10 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group11 RQADDR=TPCCq11 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group12 RQADDR=TPCCq12 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group13 RQADDR=TPCCq13 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group14 RQADDR=TPCCq14 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group15 RQADDR=TPCCq15 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group16 RQADDR=TPCCq16 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env8"
TPCC SRVGRP=group17 RQADDR=TPCCq17 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group18 RQADDR=TPCCq18 SRVID=1 CLOPT="-s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"

```

```

TPCC SRVGRP=group19 RQADDR=TPCCq19 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group20 RQADDR=TPCCq20 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group21 RQADDR=TPCCq21 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group22 RQADDR=TPCCq22 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group23 RQADDR=TPCCq23 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group24 RQADDR=TPCCq24 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env9"
TPCC SRVGRP=group25 RQADDR=TPCCq25 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"
TPCC SRVGRP=group26 RQADDR=TPCCq26 SRVID=1 CLOPT=" -s TPCC:TPCC"
ENVFILE="/export/home/dbbench/tuxedo/symfo.env10"

```

```
# *NETWORK
```

```
*SERVICES
```

```

"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group1
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group2
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group3
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group4
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group5
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group6
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group7
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group8
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group9
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group10
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group11
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group12
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group13
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group14
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group15
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group16
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group17
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group18
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group19
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group20
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group21
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group22
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group23
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group24
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group25
"TPCC" TRANTIME=0 ROUTING="route1" SRVGRP=group26

```

```
*ROUTING
```

```

"route1" FIELD=FML_TERM
BUFTYPE="FML"
RANGES="2289-2299:group1,2300-2310:group2,2311-2321:group3,2322-2332:group4,2333-2343:group5,2344-
2354:group6,2355-2365:group7,2366-2376:group8,2377-2387:group9,2388-2398:group10,2399-2409:group11,2410-
2420:group12,2421-2431:group13,2432-2442:group14,2443-2453:group15,2454-2464:group16,2465-2475:group17,2476-
2486:group18,2487-2497:group19,2498-2508:group20,2509-2519:group21,2520-2530:group22,2531-2541:group23,2542-
2552:group24,2553-2563:group25,2564-2574:group26,*,*"

```



```
# symfo.env0
RDBCPU=0

# symfo.env1
RDBCPU=1

# symfo.env10
RDBCPU=10

# symfo.env11
RDBCPU=11

# symfo.env12
RDBCPU=12

# symfo.env13
RDBCPU=13

# symfo.env14
RDBCPU=14

# symfo.env15
RDBCPU=15

# symfo.env2
RDBCPU=2

# symfo.env3
RDBCPU=3

# symfo.env4
RDBCPU=4

# symfo.env5
RDBCPU=5

# symfo.env6
RDBCPU=6

# symfo.env7
RDBCPU=7

# symfo.env8
RDBCPU=8

# symfo.env9
RDBCPU=9
```

Compilation Flags

These are the compilation flags used to compile the application code:

```
-O -lc -w -lintl
```

```
-O -lc -l./libOLINSERT.so -l/usr/lib/libc.so -l/usr/lib/libdl.so -l/opt/FCOBOL/lib -fast -xO4 -xspace -xarch=v8a -  
xchip=ultra
```

Appendix D: Disk Storage



The calculations used to determine the storage requirements for the 8 hour logical log and the 180-day space calculations are contained in this appendix.

The calculations for the 8 hour recovery log was determined as follows :

The number of logpages used during the measurement run was determined by using a "rdblog -V -a" command before and after the run. We found the amount of log space used by the DBMS during the benchmark run. This was 26245598 KB. The amount of log disk used per transaction was $26245598/4489072 = 5.85$ KB. Therefore we need $67102.63*60*8*5.58*1KB = 179.59$ GB

We allocated 2 * 18GB and 20 * 9GB disks for the logs and the same for the mirrors.

Note : Numbers are in KBytes unless otherwise specified

Warehouses						
5,720.0		tpmC 67102.63		tpmC/W 11.73		
Table	Rows	Data	Index	5% Space	8H Space	Total Space
Warehouse	5,720	5,781	0	289		6,070
District	57,200	57,330	0	2,867		60,197
Item	100,000	14,289	0	714		15,003
New-order	51,480,000	5,221,320	1,543,360	338,234		7,102,914
History	171,600,000	13,461,760	0		2,526,768	15,988,528
Orders	171,600,000	11,490,441	4,274,400		2,982,055	18,723,896
Customer	171,600,000	171,601,040	4,101,362	8,785,122		184,487,554
Order-line	1,716,079,228	185,074,808	0		34,738,479	219,813,287
Stock	572,000,000	208,000,651	0	10,400,033		218,400,684
DIRECTORY FILE		201,728				201,728
Dictionary		143,640				143,640
Totals		595,272,788	9,919,152	19,527,258	40,224,303	664,943,501

Table	Freespace
Warehouse	261,629
District	60,905
Item	714
New-order	2,502,240
History	3,409,120
Orders	3,237,519
Customer	8,580,000
Order-line	44,773,512
Stock	10,399,999
Indexes	5,314,768
Total	78,540,406

Dynamic space	210,027,009.00	Sum of Data for Order, Order-Line and History (excluding free extents)
Static space	414,692,189.15	Data + Index + 5% Space + Overhead - Dynamic space
Free space	59,013,147.85	
Daily growth	39,421,999.09	(Dynamic space/W * 62.5) * tpmC
Daily spread	0.00	Free-Space - 1.5 * Daily-Growth
180 day (KB)	7,510,652,025	7,510,652,025
180 day (GB)	7,162.72	7,162.72 ← Assumes no Daily Spread
Maximum	59,132,998.64	free space allowed

Measured Configuration			Space Usage	
Type	Number	Total GB	Usage	Size (GB)
9GB Drives	429	3,617.10	180-day Space	7,162.72
18GB Drives	10	168.65	Root,swap,usr	13.55
			Log	269.83
Totals	439	3,785.75	Total	7,446.09
			Deficit	3,660.34

MB log used	25630	
Total N-O Txn	4,489,072,000	
KB log / Txn	5.8	
8 Hour Log (GB)	179.59 of archive log	
After image Log (GB)	20.51	
Before image Log	2.93	
Log index	0.29	
Log disks [18GB]	11 8Hour Log	
Log disks [9GB]	10 (AI Log*mr)+(BI Log*mr)+(IX Log*mr)	
Extra log space	42.78	
Deficit after including excess log space		3,617.56
Replace 18GB from 9GB disks needed		429.000
Priced Configuration		
Type	Number	Total GB
9GB Drives	0	0.00
18GB Drives	439	7,403.69
Totals	439	7,403.69
Disk Capacities		
9GB	18GB	
	512	512 bytes/sector
	133	248 sectors/track
	27	19 tracks/cylinder
	3591	47.12 sectors/cylinder
	4926	7508 cylinders
	4,924	7506 accessible cylinders
	8.43	16.86
9gbsize	18gbsize	
Non-DB space used		
OS (root+etc)	2.06	
Swap	11.5	

Appendix E: Driver Scripts



The following code sections show how the transactions are generated and how statistics are gathered. Each of the transaction functions generates the input data for that transaction, sends it to the client, reads the output form and computes keying, response and think time statistics.

This is the main loop of the RTE:

```
/* run for ramp up without capturing the stats */
i=0;
in_ramp = 1;
while (1)
{
    tx_type = do_menu(); /* Select transaction */
    switch (tx_type) {
    case NEWORDER:
        do_neworder();
        break;
    case PAYMENT:
        do_payment();
        break;
    case DELIVERY:
        do_delivery();
        break;
    case ORDSTAT:
        do_ordstat();
        break;
    case STOCKLEVEL:
        do_stocklevel();
        break;
    default:
        fprintf(stderr, "%s: Slave %d: Internal error. Tx-type = %d\n",
            hostname, slave_num, tx_type);
        cleanup(-1);
    }
    end_time = gettime();
}
```

```

        if ( end_time >= control->end_rampup &&
            end_time < control->end_stdystate )
            in_ramp = 0;
        else
            in_ramp = 1;
        if (end_time >= control->end_rampdown)
            break;
    }

```

The `do_menu` function selects the transaction to execute based on the weighted distribution algorithm.

```

int
do_menu()
{
    int val, result, menu_start, menu_end, menu_resp;
    char ch;
    /* Read menu line from client */
    /* Choose tx. type*/
    /* Now select menu and compute menu response time */
    menu_start = gettimeofday();
    /* Write menu selection to client */
    /* Read input form for this transaction type */
    menu_end = gettimeofday();
    menu_resp = menu_end - menu_start;
    if (! in_ramp) {
        statsp->menu_resp += menu_resp;
        /* Post in histogram bucket */
        if ((menu_resp / MENU_BUCKET) < MENU_MAX)
            statsp->menu_hist[menu_resp / MENU_BUCKET]++;
        else
            statsp->menu_hist[MENU_MAX - 1]++;
        if (menu_resp > statsp->menu_max)
            statsp->menu_max = menu_resp;
    }
    return(result);
}
/*
 * Function: do_neworder
 * This function executes the neworder transaction
 * It generates all the input fields, sends it to the
 * client over the keying time, measures the response
 * time, reads the results and delays for the think time.
 */
/* The code for the other transactions is similar */
do_neworder()
{
    struct newo_fld no;
    struct items_fld *itemp = no.items;
    int ol_cnt, rbk, remote = 0, i, x;
    char *bufp = fldbuf;
    int start_time, end_time, key_time, resp_time, elapse_time, del;
    start_time = gettimeofday();
    /* Now wait for keying time */
    poll (0, 0, NEWO_KEY);
    /* Generate all input data */
    no.d_id = random(1, 10);
    no.c_id = NURand(1023, 1, 3000, CONST_CID);

```



```

ol_cnt = random(5, 15);
rbk = random(1, 100); /* trans. to be rolledback */
sprintf(bufp, "%02d%04d", no_d_id, no_c_id);
bufp += strlen(bufp);
/* Generate all the item fields */
for (i=0; i < ol_cnt; i++, itemp++) {
    itemp->ol_i_id = NURand(8191, 1, 100000, CONST_IID);
    /* If last item and rbk, select unused item */
    if (i == ol_cnt - 1 && rbk == 1) {
        itemp->ol_i_id = 100001;
    }
    x = random(1, 100);
    if (x > 1)
        itemp->ol_supply_w_id = W_ID;
    else {
        /* Select a warehouse other than w_id */
        do {
            x = random(1, control->scale);
        } while (x == W_ID);
        itemp->ol_supply_w_id = x;
        remote++;
    }
    itemp->ol_quantity = random(1, 10);
    sprintf(bufp, "%04d%06d%02d", itemp->ol_supply_w_id,
            itemp->ol_i_id, itemp->ol_quantity);
    bufp += strlen(bufp);
}
strcpy(bufp, leave_key);
bufp += 2;
/* Compute keying time info */
end_time = gettime();
key_time = end_time - start_time;
start_time = end_time;

/* Now send fields to client */
/* Read output screen from client */
end_time = gettime();
/* Store elapse time info for thruput */
elapse_time = end_time - control->start_time;
/* compute the how long it took to run the tx */
resp_time = end_time - start_time + control->newo_delta;
/* Wait think time */
del = delay(control->newo_think, 5*control->newo_think);
poll(0, 0, del + control->newo_delta);
end_time = gettime();
/* Now post all stats */
if (! in_ramp && end_time <= control->end_stdystate) {
    statsp->newo_cnt++; /* another one bytes the dust */
    if (rbk == 1)
        statsp->newo_rbkcnt++;
    statsp->newo_remote += remote;
    statsp->newo_olcnt += ol_cnt;
    statsp->newo_key += key_time;
    /* Save keying time in histogram bucket */
    statsp->newo_resp += (double) resp_time; /* sum up the response time */
    /* Save response time in histogram bucket */
}

```

```
statsp->newo_think += (double) del;
/* Save think time in histogram bucket */
    }
}
```



```
New-Order(N)  Payment(P)  Order-Status(O)  Delivery(D)  Stock-Level(S)  Exit(E)
                Payment
Date:
Warehouse:                District: __

Customer: ____  Cust-Warehouse: ____  Cust-District: __
Name:                _____  Since:
                                Credit:
                                %Disc:
                                Phone:

Amount Paid:                _____  New Cust-Balance:
Credit Limit:

Cust-Data:

**((
```

```
New-Order(N)  Payment(P)  Order-Status(O)  Delivery(D)  Stock-Level(S)  Exit(E)
                Order-Status
Warehouse:                District: __
Customer: ____  Name:                _____
Cust-Balance:

Order-Number:                Entry-Date:                Carrier-Number:
Supply-W  Item-Id  Qty  Amount  Delivery-Date

**((
```

```

New-Order(N)  Payment(P)  Order-Status(O)  Delivery(D)  Stock-Level(S)  Exit(E)
                                     Delivery
Warehouse:
Carrier Number:  __
Execution Status:

** (

```

```

New-Order(N)  Payment(P)  Order-Status(O)  Delivery(D)  Stock-Level(S)  Exit(E)
                                     Stock-level
Warehouse:      District:
Stock level Threshold:  __
Low Stock:

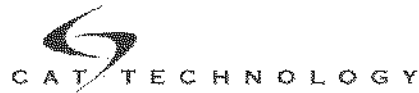
** (

```


Appendix G: Price Quotes



The following pages contain the pricing quotes for the hardware and software included in this FDR.



131 C Albright Way
Los Gatos, Ca. 95032

Quote To:	Ship To:
Sun Microsystems George Herman 901 San Antonio Road Palo Alto, CA 94303 Phone: (650) 786-6271	Sun Microsystems George Herman 901 San Antonio Road Palo Alto, CA 94303

Quote good for 90 days

SALES QUOTE

Rev. 03/19/01
PO # Quote #

LGOQ2441
Sales Support Rep

Morgan Browne
Phone: (408) 341-0812
Fax: (408) 341-1720
Email: morgan@catttech.com

Account Manager
Morgan Browne
Phone: (408) 341-0812
Fax: (408) 341-1720
Email: morgan@catttech.com

FOB Terms

Item	Ufr	Part No	Qty	Description	List Price	Unit Price	Ext. Price
1				SERVER HARDWARE			
2	SUN	E4903	1	E4500 Server Base Pkg, Standalone Enclosure, one DVD10, one PCM, Solaris Lic, (Standard product when config rules followed)	\$0.00	\$22,321.74	\$22,321.74
3	SUN	X2602A	1	CPU/Memory Board	\$0.00	\$7,065.22	\$7,065.22
4	SUN	X2590A	2	464MHz/8MB Ultra SPARC II	\$0.00	\$15,217.39	\$30,434.78
5	SUN	X7026A	8	2-GByte memory expansion (8x 256MB memory modules)	\$0.00	\$13,526.09	\$108,208.72
6	SUN	2602A-P95A	3	CPU/Memory Building Block	\$0.00	\$98,913.04	\$296,739.12
7	SUN	2612A-SS-A	1	Two Exxxx Sbus/I/O bds each w/ 3 empty SBus slots, two empty 100MB/sec FC-AL sockets, one 10/100 MB/sec Ethernet, (twisted pair or MII) Interface, one PCM	\$0.00	\$7,982.61	\$7,982.61
8	SUN	X6730A	2	FC-100 FC-AL SBus host adapter with one GBIC	\$0.00	\$1,995.65	\$3,991.30
9	SUN	X1065A	1	SBus Ultra differential Fast/Wide intelligent SCSI-2 host adapter (UDWIS/S)	\$0.00	\$957.17	\$957.17
10	SUN	SG-XARY543A-2400G	3	2400GB AS200 Cabint. RR (specify 3858a or 3859a pwr cord, version of Sun StorEdge Vol Mgr) incl 6-400gb array (132 drives total) & 4-FC-AL hubs, (4GBICs ea) mntd in 72 expansion cab. w/2pwr	\$0.00	\$229,500.00	\$688,500.00

Item	Ref	Part No.	Qty	Description	List Price	Unit Price	Ext. Price
				ords, 4-15m fibre optic cables			
11	SUN	SG-XARY150A-218G	4	218GB A1000 Tabletop or desktop w/ 1HW RAID controller, 12x1in. 18GB 10k RPM disks, 24MB std cache, 2 pwr supp, 2 fantrays (4 fans) 2 diff UltraSCSI to host ports, RAID manager v6.22	\$0.00	\$14,280.00	\$57,120.00
12	SUN	SG-XDSK060C-109G	1	Sun StorEdge MultiPack with 109.2 GB (6 x 18.2 GB, 10000 rpm)	\$0.00	\$5,158.70	\$5,158.70
13	SUN	X3856A	1	68-pin to 68-pin 0.8 meter SCSI cable kit with power cord	\$0.00	\$41.09	\$41.09
14	SUN	X6283A	1	12-24GB 4MM DDS3 INT/E3, 4, 5, 6	\$0.00	\$997.83	\$997.83
15				SubTotal			\$1,229,518.28
16				CLIENT HARDWARE			
17	SUN	A22UKC1Z9P-C512CY	20	Sun Ultra 10 Model 440 1x440MHz UltraSPARC-III 2MB L2 cache 512MB DRAM onboard PGX24 graphics 20GB 7200 EIDE internal disk 48x CD ROM 1.44 floppy NO country kit Solaris 7 3-99 and Solaris 8 installed	\$0.00	\$3,647.61	\$72,952.20
18	SUN	X7039A	20	OPT 512MB DRAM, 50NS, U10 only	\$0.00	\$1,638.91	\$32,778.20
19	SUN	X1034A	20	QUAD FASTETHERNET CONTROLLER PCI ADAPTER	\$0.00	\$1,326.74	\$26,534.80
20	SUN	X7143A	20	17-Inch color Monitor, 15.7-Inch diagonal viewable, .28 dot pitch, 2-meter non detachable video, signal cable, DD C1/2B, MPR-II, TCO 95, CE Mark, Energy Star Compliant, 80W power consumption, 1152x900-66Hz, 75Hz, 1024x768-60Hz	\$0.00	\$296.74	\$5,934.80
21				SubTotal			\$138,200.00

Abbreviated Terms and Conditions:

* By accepting this quote, Customer agrees to the Terms and Conditions located at <http://www.cattech.com/terms/index.html>, as amended from time to time.

* This quote is valid for 15 days and subject to revision if/when vendor's prices go up.

* Invoices are generated when product is shipped from third party vendor.

* Customer agrees to pay invoice in full within 30 days of invoice date.

* Customer agrees to pay a late fee of 18% per annum for any past due balance.

Sub Total	\$1,367,718.28
Sales Tax	\$0.00
Total	\$1,367,718.28

Remit To Address:

CAT Technology
Dept. 33237
P.O. Box 39000
San Francisco, CA 94139-3237

This Proposal is a copyright of CAT Technology, Inc. and represents Systems Integration efforts. Not to be forwarded in whole or in part to third parties without the written consent of CAT Technology, Inc.	Purchase Order Number (if different from above) -----
ACCEPTED BY: _____ Date: _____	



THE ECOMMERCE TRANSACTION PLATFORM

March 14, 2001

Mr. George Herman
TPC-C Performance Project Manager
Sun Microsystems
650-786-7353 FAX
650-786-6271

Dear Mr. Herman:

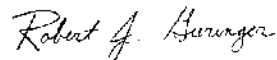
Per your request I am enclosing the pricing information regarding TUXEDO that you requested. This pricing applies to Tuxedo 6.4,6.5, and 7.1. Please note that Tuxedo 7.1 is our most recent version of Tuxedo available. Core functionality services pricing is appropriate for your activities. As per the table below Sun Ultra Sparc systems are classified as either a Tier 1, 2, 3, 4 or 5 systems depending on the performance and CPU capacity of the system. This quote is valid for 90 days from the date of this letter.

Tuxedo Core Functionality Services (CFS) Program Product Pricing and Description

TUX-CFS provides a basic level of middleware support for distributed computing, and is best used by organizations with substantial resources and knowledge for advanced distributed computing implementations.

TUX-CFS prices are server only and are based on the overall performance characteristics of the server and uses the same five-tier computer classification as TUXEDO 6.4,6.5, and 7.1. Prices range from \$3,000 for Tier 1 to \$250,000 for Tier 5. Under this pricing option EVERY system running TUX-CFS at the user site must have a TUXEDO license installed and pay the appropriate per server license fees.

Very Truly Yours,



Robert J. Gieringer
Worldwide Pricing Manager

BEA Tux/CFS Unlimited User License Fees Per Server

Unlimited User License fees per server	Number of Users	Dollar Amount	Maintenance (5 x 8) per year	Maintenance (7 x 24) per year
Tier 1 -- PC Servers with 1 or 2 CPUs, entry level RISC Uni-processor workstations and servers	Unlimited	\$3,000.00	\$480.00	\$690.00
Tier 2 - PC Servers with 3 or 4 CPUs, Midrange RISC Uni-processor servers and workstations	Unlimited	\$12,000.00	\$1,920.00	\$2,760.00
Tier 3 - Midrange Multiprocessors, up to 8 CPUs per system capacity	Unlimited	\$30,000.00	\$4,800.00	\$6,900.00
Tier 4 - Large (more than 8, less than 32 CPUs)	Unlimited	\$100,000.00	\$16,000.00	\$23,000.00
Tier 5 - Massively Parallel Systems, > 32 processors	Unlimited	\$250,000.00	\$40,000.00	\$57,500.00

	Tier 1	Tier 1	Tier 2	Tier 3	Tier 3	Tier 4	Tier 5
Platform							
SUN SPARC	X-terminal 1 Station 5/85 Netral - 4.5/1.40/150/ 170E	Station 4 Station 20/60 Station 20/61 Station 20/61 Ultra 1 140/170 Server 470 Server 570 Server 20/50 Server 20/51 Server 20/61 Ultra 2 Desktop Ultra 5, 5 S Ultra 10, 10S Enterprise 1 &150	Server 5/85 Station 20/71 Server 20/71 Enterprise 220R Enterprise 250 Enterprise 2 -2100,2200 Ultra 60	Station 20/60E MP 20/612 MP 20/514 MP 20/HS11 20/712 MP Server 1000 Server 1000E Server 20/502 Server 20/712 Server 20/612 Server 20/514 Enterprise 2 -2300 Enterprise 420R Ultra 80	Enterprise 450 Spam.Center 1000 Enterprise 3000 & 3500 Enterprise 4000, 4500, 5000 & 5500 < 8 proc.	Spam.Center 2000 Spam.Center 2000E Enterprise 4000, 4500, 5000 & 5500 Between 8 and 32 proc. Enterprise 6000 & 6500 Between 8 and 32 proc. CRS6400 (< 32 proc.)	CRS6400 (≥ 32 proc.) Enterprise 6000 & 6500 (≥ 32 proc.) Enterprise 10000

Software House International Pricing Proposal	Quotation #MO-200316-47118 03/16/2001
---	--

Sun Microsystems
George Herman

SHI Account Exec: Matthew O. Martin
 Telephone : (408) 922-1106
 Fax : (408) 526-1222

Phone: Fax: 650-786-7353

Reference:

Product	Part #	Qty	List	Your Price	Total
6cert+1100M Sub	Y00022	7070		\$23.00	\$161,140.00
10Part 10/100 Sub	Y00523	4		\$1000.00	\$4,000.00
Total					\$185,148.00

Additional Comments:

