

A0xxxxxx

Millennium

Database Design Report

MSR 2.1

Document issue: 00.02 Document status: Preliminary

Document Date: June 1999

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Publication history

June 24, 1999

Changes for this release include:

Table/field	Change
ARC TICDR	
Starting Date	Description added
CARRIER	
Spare 3	Description changed
FEATRU	
Default Language	Description changed
Dial Around Timer	Units and disabled setting added.
Rated Credit Card CDR	Added as a future change
Spare G	Description changed
Spare H	Description changed
MISC Bit 5	Description changed

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Table/field	Change
Miscellaneous Bit 6	Description changed
Card Term Rate Display Option	Description changed
Miscellaneous Bit 7	Description changed
FREE	
IDENT2 BIT 6	Description changed
TCDR	TCDR1 removed from Index
Bit 6	Description changed
TICDR	
Starting Date	Description added
TERMSCH	
Table ID	New message types added
TERMTYP	
Terminal Type	List of supported terminal types amended.

June 1, 1999

This includes changes to the following:

Table/field	Change
FEATRU	
Dial Around Timer	Description changed
FREE	
Ident2 Bit (4-15)	Description changed
LCDADT	

Table/field	Change
Event Error	SQL Error <0 now >0.
Card	
Standard CD	Values 11-15 addd
TAUTH	
External Exception Ind	Indicator 81 added
TCONFIG	
Table ID	Unsigned
Version Timestamp	Signed
Current Config Dt	Added
ARC_TERM	Record length 614
TERM	Record Length 904
TCDR	
Alternate key 2	Remove
TICDR	Record length 166
Starting Date	Added
Start Date	Pic 9(6) Two-digit year
ARC_TICDR	Record length 158
Global	MSR 2.1/MTR2.11 removed

May 1999

This includes the following changes:

Table/field	Change
CARD (Expanded Card Table)	Record length now 285
CCC Peg Count	Optional
Spillage String	
Spill Terminate Character	
Discount Pointer	
Language code	
TERMCAR (Terminal Carrier)	Record length now 50
Coin Cash Carrier	Optional
Creditcard Carrier	Optional
Default Carrier	Description changed
Default Carrier Interlata	Optional
Coin Cash Carrier Interlat	Optional
Creditcard Carrier Interlata	Optional
Default Carrier Intralata	Optional
Coin Cash Carrier Intralata	Optional
Creditcard Carrier Intralata	Optional
Spare 3	Optional and For Future Use
Chapter 3	
TCDR table	TCDR Index1 removed
TERM tble	Smart City ID format now blank.

April 1999

Minor changes only.

March 1999

Draft 01.01 release, reflecting the system changes necessary to support the MTR 1.11 features of the terminal. Changes include:

Field	Change
TERM	
Primary NCC No	Pic x(20)
Alternate NCC No	Pic x(20)
TERMCAR	
Default Carrier Interlata	New field
Default Carrier Intralata	New field
Coin Cash Carrier Interlata	New field
Coin Cash Carrier Intralata	New field
Credit Card Carrier	New field
Credit Card Carrier Intralata	New field
Coin Cash Carrier	Formerly Rating Default Carrier
Credit Card Carrier	Formerly Auth Default Carrier
Default Carrier	New description
Spare 3	New field
CARD	
CCC Peg Count	Formerly Control Info 3

Field	Change
Spillage String	New field
Spill Terminate Char	New field
Discount Pointer	New field
Language Code	New field
FREE	
Ident 2 Bit 6	New description for future use
CARRIER	
Spare 3	New description for future use
FEATRU	
Spare G, H	New description for future use
Misc Bit 5	New description for future use
Misc Bit 6	New description for future use
Card Term Rate Display Option	New description for future use

November 1998

Standard 01 release, reflecting the MSR 2.1 version of the Millennium Manager. This includes:

- changes to almost every table
- the addition of new tables
- the deletion of other tables
- deletion of the table diagrams in Chapter 1.
- deletion of Chapter 3, NCC Production SQL database. Information unique to it has been included in Chapter 2, the Production Database.
- the deletion of Chapter 6 on the statistical database. The

statistical tables have been replaced by BTARST, which is included in Chapter 2.

- inclusion of Year 2000 changes.
- reorganization of the document to list the tables alphabetically by acronym –BGNRTN instead of Batch Generation, for example.

March 1997

Standard 01 release reflecting the the MSR 2.0 and MSR 1.9 versions of the Millennium Manager (NCC). This incorporates many general changes.

February 1996

Standard release reflecting the MSR 1.8 upgrade of the Millennium Manager (NCC).

July 1995

Standard release reflecting the MSR 1.7i upgrade of the Millennium Manager (NCC).

April 1995

Standard release reflecting the 1.7 version of the Millennium Manager (NCC).

May 1994

Standard release reflecting the 1.6 version of the NCC.

November 1993

Standard release reflecting the 1.6 Phase 1 version of the NCC.

April 1993

Standard release reflecting the 1.5U version of the NCC.

April 1992

Standard release reflecting the 1.5 version of the NCC.

May 1990

Standard release reflecting the 1.0 version of the NCC.

April 1995

Standard 01.01 release reflecting the 1.7 version of the Millennium Manager (NCC).

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1 Introduction

This document describes the database design of the Millennium Network Control Centre (NCC), also called the Millennium Manager (MM). The database uses Tandem SQL files and is updated using the Tandem Nonstop SQL language, both interactively and within COBOL85 programs. This document includes non-SQL files used by the NCCMM such as ENSCRIBE, to ensure integrity of information.

This Database Design Report documents the Millennium System Release 2.1 of the NCCMM. Future functionality is included and labelled as such, if it has been defined.

Background

The Millennium Manager uses three logical databases:

- The production database.

This contains the data used by all functional areas of the NCCMM. It is available to the users only through the NCCMM application.

- The statistical database.

This is used to record statistics gathered during the execution of data-intensive batch jobs. There is only one statistical table, BTARST, and it is included in Section 2.

- The archive database.

This contains historical data copied from and, usually, deleted from the production database. Each telco has its own physical archive database for better security, but their table formats are all the same. The data is available to the users through SQLCI.

Organization of this Document

This Database Design Report is organized as follows:

- **Section 2: Production and Archivedatabase** contains the detailed descriptions of the tables in the Millennium Manager databases. Both SQL and ENSCRIBE tables are identified in this section; however, only SQL tables are identified in the following sections.
- **Section 3** contains detailed descriptions of the table in the Archive database.
- **Section 4** contains the SQL shorthand views defined on the MM production tables.
- **Section 6** contains the physical design of the SQL tables in the MM statistical database.

2 Production database

This section lists the production database tables, in alphabetical order by acronym – CALLCST instead of Call Costs, for example. The description of each table identifies its fields, primary keys, constraints and estimated number of records.

The field descriptions also list any dependencies which exist. That is, if a field in one table must exist in another, the description of that field will mention this fact.

ACCESS (Access)

Description:

This table contains information on the access level of a particular user for a particular function or screen.

Primary Key:

Configuration ID
Client Function

Record length:
Fields:

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Data type:	PIC X(6)
Comments:	Not equal spaces.
Constraint:	Check Configuration ID <> “ ”
Description:	The configuration ID of the user.

Name:	CLIENT FUNCTION
Mand/Opt'l:	Mandatory
Data type:	PIC X(15)
Comments:	Not equal spaces.
Constraint:	Check Client Function <> “ ”
Description:	

Name:	DESCRIPTION
Mand/Opt'l:	Optional
Data type:	X(80)
Description:	Field reserved for general comments about the record.

2-3 ADMMESS (Advertising)

Name:	ACCESS LEVEL
Mand/Opt'l:	Optional
Data type:	Smallint
Description:	Access level of the user
Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	X(20)
Comments:	Not equal spaces.
Constraint:	Check Last Updated By <> " "
Description:	The individual who last updated the record.
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Format:	YYYY-MM-DD:HH:MM:SS:MMMM
Default:	System
Description:	Time when record was last updated.

ADMESS (Advertising)

Description:

This table is used for advertising prompts.

Estimated Volume:

Primary Key:

Telco ID
Configuration ID
Language CD
Sequence NO

Record length: 38

Fields:	
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	Provides the unique name of the record.
Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(1)
Default:	No default not null
Constraint:	Check Language CD > 0
Description:	This is the language code for the table.
Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	1 - 20
Constraint:	Check Sequence No Between 1 and 20
Description:	

2-5 ADMESS (Advertising)

Name:	MESSAGE TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Description:	This is the Advertising message.
Name:	DISPLAY TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 Not null
Range:	0 - 32767
Constraint:	Check Display Time Between 0 and 32767
Description:	Length of time the message displays or scrolls.
Name:	DISPLAY EFFECTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 Not null
Range:	0 to 255
Constraint:	Check Display Effects Between 0 and 255
Description:	This field shows how the message displays.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Range:	0 to 255
Data type:	Smallint
Default:	0 Not null
Constraint:	Check Spare 1 Between 0 and 255
Description:	For future use.

AG999999 (Billing Transmission File - AMA Format)

Description:

This ENSCRIBE file is created by the Billing process. It is an intermediary file which contains call detail records for all completed billable credit and calling card calls and completed toll coin calls. This file is transmitted to the appropriate external billing system after it has been built.

Estimated Volume: 1 per data transmission

Primary Key:

Entry Sequenced

Fields:

Name:	TRANSMISSION DATA RECORD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(98)
Comment:	Records are a fixed length of 98 bytes to accommodate the host computer.
Description:	Record formats are described in detail by the latest version of the AMA Billing Interface Specification.

ALARM (Alarm)

Description:

This table contains all the possible alarms which can be received from a terminal.

Critical alarms identify emergencies, such as vandalism and electrical failures, which require immediate attention. Non-critical alarms identify such things as diagnostic defects and cleaning requests.

Estimated Volume: 25

Primary Key:

Alarm No

Record length: 45

Fields:

Name:	ALARM NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	This is the unique number identifying the alarm.

Name:	ALARM TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"1" Critical "2" Major "3" Minor "4" Report

Constraint:	Check Alarm Type <> " "
Description:	This identifies the severity or priority of the alarm.

Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Description <> “ ”
Description:	This is the text description of the alarm.

ALDEST (Alarm Destination)

Description:

This table associates alarm message destinations with a specific alarms and terminals. The Alarms subsystem checks this table first to determine the destination for a given terminal and alarm. If a destination has not been assigned, the Alarms subsystem tries the Destination Default table, to obtain the default destination for that terminal. If no default exists for the terminal, it retrieves the system default destination from the System Parameters table.

Critical alarms require immediate attention and are generally directed to the coin reporting centre. Non-critical alarms do not require immediate attention and are usually directed to a repair office.

Estimated Volume: 10 / Terminal

Primary Key:

Terminal ID
Alarm NO

Record length: 39

Alternate Key 1:

Terminal ID ASCII
Alarm NO

2-9 ALDEST (Alarm Destination)

Alternate Key 2:

Destination ID

Index (Unique): ALDEST0

By: TERMINAL ID ASCII, ALARM NO

Index (Not unique): ALDEST1

By: DESTINATION ID

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA NXX LINE
Range:	1000000000 - 9999999999
Constraint:	Check Terminal ID >= 1000000000
Description:	This is the telephone number of the terminal.

Name:	TERMINAL ID ASCII
Mand/Opt'l:	Mandatory
Occurrences:	1
Default:	No default not null
Data type:	PIC X(10)
Range:	1000000000 - 9999999999 (10 digits)
Constraint:	Check Terminal ID ASCII >= "1000000000"
Description:	ASCII equivalent of the Terminal ID.

Name:	ALARM NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Comments:	Must exist on Alarm table.
Description:	Unique number of the alarm (from the Alarm table).

Name:	DESTINATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(15)
Default:	No default not null
Comments:	Must exist on Destination table.
Constraint:	Check Destination ID <> “ ”
Description:	System description of where the alarm is sent.

ALROUTE (Alarm Routing)

Description:

This table identifies Millennium Manager critical errors/alarms. The Alarm Subsystem uses it to regenerate the critical errors with a different subsystem ID.

Estimated Volume: 10

Primary Key:

Subsystem ID
Alarm No

Record length: 173

Fields:

Name:	SUBSYSTEM ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(23)
Default:	No default not null
Comments:	Cannot be the same as New Subsystem ID.
Constraint:	Check Subsystem ID <> “ ”
Description:	Subsystem ID used by the EMS filter.

2-11 ALROUTE (Alarm Routing)

Name:	ALARM NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Comments:	Must exist on Alarm table.
Description:	This corresponds to the Millennium Manager event number.
Name:	NEW SUBSYSTEM ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(23)
Default:	No default not null
Comments:	Cannot be the same as Subsystem ID.
Constraint:	Check New Subsystem ID <> “ ”
	Check Subsystem ID <> New Subsystem ID
Description:	Subsystem ID used by the EMS filter.
Name:	AUDIBLE ALARM IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	“0” No “1” Yes
Constraint:	Check Audible Alarm Ind In (“0”, “1”)
Description:	Indicates whether the Alarm bell control character (Ctrl-G) will be embedded in the alarm description.

Name:	APPEND OR NEW TEXT IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Neither "1" Append "2" New
Constraint:	Check Append Or New Text Ind In ("0", "1", "2")
Description:	Indicates how the alarm subsystem will process the alarm description.
Name:	MSG TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(120)
Default:	No default not null
Description:	Text used by the Alarm Subsystem based on the APPEND or NEW TEXT indicator.

2-13 ARCHIVE (Archive Parameters)

ARCHIVE (Archive Parameters)

Description:

This table contains the parameters used by the Archive process to determine which tables to process, and how to process the data in each one. The System Manager it using SQLCI.

Estimated volume: 100

Primary Key:

Telco ID
Archive Table ID

Record length: 14

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Comments:	Must exist on Telco table, if entered.
Description:	Identifies the Telco under which this record was created

Name:	ARCHIVE TABLE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Values:	
Description:	Refer to Table 2-1.

Table 2-1: Archive table names

Archive Table ID	Table	Table Name
1	TERMGRP	Term Group
2	TERM	Term
3	TERMTRC	Term Trace
4	DSCHED	Download Schedule History
5	TERMDAT	Terminal Table Data
10	HOTACT	Hotlist Activity Log
11	DPEND	Pending Download Request
12	TLOGEX	Transaction Log Exceptions
13	TLOGST	Transaction Log Status
14	ELOCADT	Electronic Lock Audit Trail
15	FDLOG	Fraud Log
50	TALARM	Terminal Alarm
51	TALYTD	Terminal Alarm YTD
52	TAUTH	Terminal Card Authorization
53	TCALLST	Terminal Call Statistics
54	TCASHST	Terminal Cash Box Status
55	TCDR	Terminal Call Detail
56	TCLYTD	Terminal Call Statistics YTD
57	TCOLLCT	Terminal Cash Box Collections
58	TCOLYTD	Terminal Cash Box Collections YTD
59	TOPCODE	Terminal Op Code

2-15 ARCHIVE (Archive Parameters)

Table 2-1: Archive table names (continued)

Archive Table ID	Table	Table Name
60	TOPYTD	Terminal Op Code YTD
61	TPERFST	Terminal Performance Stats
62	TPFYTD	Terminal Performance Stats TYD
63	TSTATUS	Terminal Status
64	TSWVERS	Terminal Software Version
65	TTBLREQ	Terminal Table Request
66	TTMSYNC	Terminal Time Synchronization
67	TUPLOAD	Terminal Upload Attention
68	TCARRST	Terminal Carrier Call Statistics
69	TCALSTE	Terminal Call Statistics Enhanced
70	TCARSTE	Terminal Carrier Call Statistics Enhanced
71	TICDR	Terminal Inmate Call Detail
72	TMDSST	Terminal Message Delivery System Statistics
73	TMONDEX	Terminal Mondex Deposit
74	TCLEMTH	Terminal Call Stat Month to Date
75	TCREMTH	Terminal Carrier Stat Month to Date
76	TSCRUSG	Terminal Graphic Screen Usage Statistics

Table 2-1: Archive table names (continued)

Archive Table ID	Table	Table Name
77	TSCRMTH	Terminal Graphic Screen Usage Statistics

Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Constraint: Description:	PROCESS IND Optional 1 PIC X(1) "0" Not null "0" No Do not process the table "1" Yes Process the table (Records should be deleted) Check Process Ind In ("0", "1") Indicates whether this table should be processed by the archive function.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Comments: Constraint: Description:	ARCHIVE IND Optional 1 PIC X(1) "0" Not null "0" No Delete only (no archive) "1" Yes Archive before deleting This indicator will be ignored when the Process Indicator is set to zero (Do not process). Check Archive Ind In ("0", "1") Indicates the type of processing to be done for this table.

2-17 ARCHIVE (Archive Parameters)

Name:	RETENTION TIME PERIOD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Units:	Days
Comments:	This indicator will be ignored when the Process Indicator is set to zero (Do not process).
Description:	Indicates the minimum amount of time that current records must remain on the production database.
Name:	MINIMUM RECORD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Comments:	This indicator will be ignored when the Process Indicator is set to zero (Do not process).
Description:	Indicates the minimum number of current records that must remain on the production database.
Name:	TMF RECORD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	1 Not null
Comments	This value must be greater than or equal to one. The maximum value should not exceed 500.
Description:	Indicates the number of records to archive or delete before ending a TMF transaction.

Cross-field edits:

Table 2-2 shows the cross-field edits between the Archive Table ID, Archive Indicator, Retention Time Period, and Minimum Record Count. The logical placement of a new table can be determined by this table. Only the following combinations of indicators are valid:

- “Y” = All values acceptable,
- “-” = Ignored

Table 2-2: Cross edit indicators

TABLE ID	TABLE NAME	PRO IND	ARCH IND	KEEP TIME	MIN. REC-CNT	TMF REC-CNT
1	TERMGGRP	Y	Y	-	-	Y
2	TERM	Y	Y	-	-	Y
3	TERMTRC	Y	Y	-	-	Y
4	DSCHED	Y	Y	Y	-	Y
5	TERMDAT	Y	-	-	-	Y
10	HOTACT	Y	Y	Y	-	Y
11	DPEND	Y	-	Y	-	Y
12	TLOGEX	Y	-	Y	-	Y
13	TLOGST	Y	-	Y	-	Y
14	ELOCADT	Y	-	Y	-	Y
15	FDLOG	Y	-	Y	-	Y
50	TALARM	Y	Y	Y	-	Y
51	TALYTD	Y	Y	Y	-	Y
52	TAUTH	Y	Y	Y	-	Y

2-19 ARCHIVE (Archive Parameters)

Table 2-2: Cross edit indicators

TABLE ID	TABLE NAME	PRO IND	ARCH IND	KEEP TIME	MIN. REC-CNT	TMF REC-CNT
53	TCALLST	Y	Y	Y	-	Y
54	TCASHST	Y	Y	Y	Y	Y
55	TCDR	Y	Y	Y	-	Y
56	TCLYTD	Y	Y	Y		Y
57	TCOLLCT	Y	Y	Y	Y	Y
58	TCOLYTD	Y	Y	Y	-	Y
59	TOPCODE	Y	Y	Y	-	Y
60	TOPYTD	Y	Y	Y	-	Y
61	TPERFST	Y	Y	Y	-	Y
62	TPFYTD	Y	Y	Y	-	Y
63	TSTATUS	Y	Y	Y	Y	Y
64	TSWVERS	Y	Y	Y	Y	Y
65	TTBLREQ	Y	Y	Y	-	Y
66	TTMSYNC	Y	Y	Y	-	Y
67	TUPLOAD	Y	Y	Y	-	Y
68	TCARRST	Y	Y	Y	-	Y
69	TCALSTE	Y	Y	Y	-	Y
70	TCARSTE	Y	Y	Y	-	Y

Table 2-2: Cross edit indicators

TABLE ID	TABLE NAME	PRO IND	ARCH IND	KEEP TIME	MIN. REC-CNT	TMF REC-CNT
71	TICDR	Y	Y	Y	-	Y
72	TMDSST	Y	Y	Y	-	Y
73	TMONDEX	Y	Y	Y	-	Y
74	TCLEMTH	Y	Y	Y	-	Y
75	TCREMTH	Y	Y	Y	-	Y
76	TSCRUSG	Y	Y	Y	-	Y
77	TSCRMTH	Y	Y	Y	-	Y

BGNRTN (Batch Generation)

Description:

This table identifies transmissions of billing and coin data by generation number. These generation numbers track data files sent to the external billing and coin systems.

Estimated Volume: 1 per data transmission

Primary Key:

- Telco ID
- Billing Centre
- Job Name
- Generation Number

Record length: 91

2-21 BGNRTN (Batch Generation)

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Billing Centre, must exist on Billing Centre table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record
Name:	BILLING CENTRE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Comments:	With Telco ID, must exist on Billing Centre table.
Description:	Identifies the billing centre that receives the data.
Name:	JOB NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check Job Name <> “ ”
Description:	Identifies the batch program that transmitted the data.
Name:	GENERATION NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	0 Not null
Description:	Number used to track data file transmission. This field is a sequential number starting at 1, incremented by 1 and reset to 1 when field is exceeded.

Name:	TRANSMIT FILENAME
Mand/Opt'l:	Optional
Occurrences:	1
Datatype:	PIC X(34)
Default:	No default not null
Format:	Tandem external filename format. \$<volume>.xxbbbbbb.jjnnnnnn, where <volume> is an input parameter, xx is the telco ID, bbbbbb is the billing centre (optional), jj is the job ID and nnnnnn is the generation number.
Description:	Identifies the billing or coin file that was built and transmitted for this generation.
Name:	TRANSMIT FILE STATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	“0” in progress “1” incomplete “2” complete
Constraint:	Check Transmit File State In (“0”, “1”, “2”)
Description:	Identifies the processing state of the generation transmit file.
Name:	TRANSMIT DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	0 Not null
Format:	YYYYMMDD

2-23 BGNRTN (Batch Generation)

Description:	Date when all records should be retransmitted. This date will be compared to the Transmit Date on the records in the Terminal Call Detail or the Terminal Cash Box Collection table.
Name:	TRANSMIT TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	0 Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time when all records should be retransmitted. This time is compared to the Transmit Time on the records in the Terminal Call Detail or the Terminal Cash Box Collection table.
Name:	CDRS PROCESS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	0 Not null
Description:	The total number of records processed by the Telco Billing Run.
Name:	END OF PRM RUN DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	0 Not null
Format:	YYYYMMDD
Description:	Date on which the Telco Billing Run ended.

Name:	END OF PRM RUN TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	0 Not null
Format:	HHMMSS
Range:	000000 - 235959
Description:	Time at which the Telco Billing Run ended.

BJCL (Batch JCL)

Description:

This table contains the JCL used to transmit billing information to the billing system, and coin collection information to the coin reporting centre.

Estimated Volume: 20

Primary Key:

Telco ID
 Billing Centre
 Job Name
 Job Step No
 Sequence No

Record length: 102

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	With Billing Centre, must exist on Billing Centre table.

2-25 BJCL (Batch JCL)

Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created.
Name:	BILLING CENTRE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Comments:	With Telco ID, must exist on Billing Centre table.
Constraint:	Check Billing Centre <> “ ”
Description:	Identifies the billing centre to receive the data.
Name:	JOB NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check Job Name <> “ ”
Description:	Identifies the batch program which uses this JCL.
Name:	JOB STEP NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(1)
Default:	No default not null
Constraint:	Check Job Step No > 0
Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Constraint:	Check Sequence No > 0
Description:	

Name:	BATCH JCL REC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	CHAR(80)
Default:	Not null
Description:	

BL999999 (Billing Transmission File - ACS Format)

Description:

This ENSCRIBE file is created by the billing process. It is an intermediary file which contains the credit card call detail records. This file is transmitted to the appropriate external billing system after it has been built.

Estimated Volume: 1 per data transmission

Primary Key:

Entry Sequenced

Fields:

Name:	TRANSMISSION DATA RECORD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(98)
Comment:	Records are a fixed length of 98 bytes to accommodate the host computer.
Description:	Record formats are described in detail by the latest version of the ACS Billing Interface Specification.

BL999999

(Billing Transmission File - MSA Format)

Description:

This ENSCRIBE file is created by the billing process. It is an intermediary file which contains the card call detail and coin call detail records. This file is transmitted to the appropriate external billing system after it has been built.

Estimated Volume: 1 per data transmission

Primary Key:

Entry Sequenced

Fields:

Name:	TRANSMISSION DATA RECORD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(80)
Comment:	Records are a fixed length of 80 bytes to accommodate the host computer.
Description:	Record formats are described in detail by the latest version of the MSA Interface Specification.

BTARST

Description:

Estimated Volume:

Primary Key:

Record length: 99

Fields

Name: TELCO ID
Mand/Opt'l: Occurrences:
Data type: PIC X(2)
Default: No default not null
Description:

Name: ARCHIVE RUN DATE
Mand/Opt'l: Occurrences:
Data type: PIC 9(8)
Default: No default not null
Description:

Name: ARCHIVE RUN TIME
Mand/Opt'l: Occurrences:
Data type: PIC 9(6)
Default: No default not null
Description:

Name: TERM CNT
Mand/Opt'l: Occurrences:
Data type: PIC 9(6)
Default: No default not null

2-29 BTARST

Description:	
Name:	ARCHIVE TBL
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(8)
Default:	No default not null
Description:	
Name:	TASK TYPE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(1)
Default:	No default not null
Description:	
Name:	TASK START DATE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(8)
Default:	0 Not null
Description:	
Name:	TASK START TIME
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(6)
Default:	0 Not null
Description:	
Name:	TASK STOP DATE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(8)
Default:	0 Not null
Description:	

Name:	TASK STOP TIME
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(6)
Default:	0 Not null
Description:	
Name:	TASK DURATION
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(8)
Default:	0 Not null
Description:	
Name:	RECORD CNT
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(6)
Default:	No default not null
Description:	
Name:	RETENTION DATE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	
Name:	ARCHIVE RUN DURATN
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(8)
Default:	No default not null
Description:	

CALLCST (Call Costs)

Description:

This table contains cost estimates for local, international, non-international, 1-800 and directory assistance calls on a per-minute basis.

Estimated Volume: 505

Primary Key:

Type of Call
Country Cd

Record length: 11

Fields:

Name:	TYPE OF CALL												
Mand/Opt'l:	Mandatory												
Occurrences:	1												
Data type:	PIC X(1)												
Default:	No default not null												
Constraint:	Check Type Of Call In ("0", "1", "2", "3", "4", "5")												
Description:	Indicates which type of completed call is being estimated.												
Values:	<table><tbody><tr><td>"0"</td><td>Local (domestic)</td></tr><tr><td>"1"</td><td>Intra-Lata Toll</td></tr><tr><td>"2"</td><td>Inter-Lata Toll Directory Assistance</td></tr><tr><td>"3"</td><td>1-800</td></tr><tr><td>"4"</td><td>Directory Assistance</td></tr><tr><td>"5"</td><td>International</td></tr></tbody></table>	"0"	Local (domestic)	"1"	Intra-Lata Toll	"2"	Inter-Lata Toll Directory Assistance	"3"	1-800	"4"	Directory Assistance	"5"	International
"0"	Local (domestic)												
"1"	Intra-Lata Toll												
"2"	Inter-Lata Toll Directory Assistance												
"3"	1-800												
"4"	Directory Assistance												
"5"	International												

Name:	CALL COST
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	No default not null
Units:	Cents
Description:	Cost in cents per 'time-interval'. Note: A value of '50' indicates that each 'time-interval' costs fifty cents. The size of the 'time-interval' and the 'type-of-call' should be considered when selecting the cost. When the 'time-interval' is set to '65,535' the estimated cost of the call will be equal to the 'call-cost' regardless of the duration of the call.
Name:	TIME INTERVAL
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Smallint unsigned
Default:	No default not null
Format:	MMMMM
Comments:	This field is two byte numeric.
Description:	See note below. Note: Duration of a block of time used to estimate the cost of a call. The time interval is stored in minutes. The estimated cost of a call is determined by dividing the total call duration into 'time-intervals' and charging the 'call-cost' for each 'time-interval' used. A value of '2' indicates that each interval is two minutes in length. A value of '65,535' indicates an unlimited call duration, therefore the estimated cost of the call will be equal to the 'call-cost'. Note 2: Since the estimated cost of a call is calculated in cents, it is rounded before being compared to the threshold values in the FDCASE table, which are expressed in dollars.

2-33 CALLSCR (Call Screening List)

Name:	COUNTRY CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Range:	0 - 999
Description:	This is a two or three digit country code.

CALLSCR (Call Screening List)

Description:

The call screening records indicate that calls to a particular number for the specified Telco ID and Region Code will be denied.

Estimated volume: 100

Primary key:

Telco ID
Region Code
Card Number
Called Number

Record length: 217

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Not equal to “ ”
Constraint:	Check Telco ID <> “ ”
Description:	With Region Code, must exist on Region table. Identifies the Telco under which this record was created

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	Not equal to " ".
Constraint:	Check Region Code <> " "
Description:	With Telco ID, must exist on Region table. Identifies the Region under which this record was created
Name:	CARD NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	Spaces Not null
Description:	The card number for which the call screening is occurring.
Name:	CALLED NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal to ' '.
Constraint:	Check Called Number <> " "
Description:	The called number to be denied.
Name:	CALLED NAME
Mand/Opt'l:	Optional
Data type:	PIC X(30)
Default:	Spaces not null
Description:	The name of the individual who's called number is being denied.

2-35 CALLSCR (Call Screening List)

Name: MAND/OPT'L: Data type: Default: Description:	DESCRIPTION Optional PIC X(80) Spaces not null Space reserved for comments.
Name: Mand/Opt'l: Data type: Default: Description:	LAST UPDATED BY Optional PIC X(20) Spaces not null The individual who last updated the record.
Name: Mand/Opt'l: Data type: Format: Default: Description:	UPDATED TIMESTAMP Optional TIMESTAMP YYYY-MM-DD:HH:MM:SS:MMMM SYSTEM not null The last time the record was updated.
Name: Mand/Opt'l: Data type: Default: Description:	INITIATOR Optional PIC X(20) Spaces not null The individual who initiated the call screening.
Name: Mand/Opt'l: Data type: Default: Format: Description:	CREATION TIMESTAMP Optional TIMESTAMP Not null YYYY-MM-DD:HH:MM:SS:MMMM The date the record was created.

CALLST (Call Statistics Parameters)

Description:

This table contains the call statistics and full CDR logging parameters which may be specified for each terminal. Data from this table can be downloaded to any terminal type.

Estimated Volume: 1 / Terminal

Primary Key:

Telco ID
Configuration ID

Record length: 49

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	With Region Code, must exist on Region table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

2-37 CALLST (Call Statistics Parameters)

Name:	CALLSTATS ENABLE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No (Disabled) "1" Yes (Enabled)
Constraint:	Check Callstats Enable <> " "
Description:	Is set based on the value of the CALLSTATS DURATION field. If CALLSTATS DURATION is zero then this field is disabled.
Name:	CALLSTATS THRESHOLD
Mand/Opt'l:	Mandatory, when Call Stats Enabled
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	2 not null
Units:	records
Range:	0 - 255
Constraint:	Check Callstats Threshold Between 0 and 255
Description:	Indicates the number of Call Statistics records that the terminal will store before automatically calling in to the Millennium Manager to upload them.
Name:	CALLSTATS START TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	no default not null
Format:	HHMM
Range:	0000 - 2359
Comments:	Must have a valid Time format.
Constraint:	Check Callstats Start Tm <= 2359
Description:	Indicates the time of day at which the terminal should begin recording call statistics, in the terminal local time.

Name:	CALLSTATS DURATION
Mand/Opt'l:	Mandatory, when Call Stats Enabled
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	1 not null
Units:	days
Range:	0 - 255
Constraint:	Check Callstats Duration Between 0 and 255
Description:	Indicates the number of days over which call statistics will be accumulated.
Name:	CALLSTATS TIME STAMP (1-4)
Mand/Opt'l:	Optional
Occurrences:	4
Data type:	PIC 9(4)
Default:	no default not null
Format:	HHMM
Range:	0000 - 2359
Comments:	Must have a valid Time format.
Description:	These timestamps, entered in the terminal's local time, are used with the Call Statistics Start Time to partition the 24-hour recording period into as many as 5 time periods.
For example, if the following were entered:	
Start Time:01:00	
Time Stamp 1:06:00	
Time Stamp 2:18:00	
Then the following time periods would be used:	
Period	Duration
1	01:00 - 06:00
2	06:00 - 18:00
3	18:00 - 01:00

2-39 CALLST (Call Statistics Parameters)

Name:	CARRIER STATS ENABLE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No (Disabled) "1" Yes (Enabled) "2" Summarized Carrier Statistics
Constraint:	Check Carrier Stats Enable In ("0", "1", "2")
Description:	Indicates whether the Carrier Statistics should be recorded.
Name:	CDR THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	40 not null
Range:	0 - 255
Comments:	Must have a valid time format.
Constraint:	Check CDR Threshold Between 0 and 255
Description:	Indicates the number of Full CDR Logging records that the terminal will store before automatically calling in to the Millennium Manager to upload them.
Name:	CDR START TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	HHMM
Range:	0000 - 2359
Comments:	Must have a valid Time format.
Constraint:	Check CDR Start Tm<= 2359
Description:	Indicates the time of day the terminal should begin full CDR logging, in the terminal local time.

Name:	CDR DURATION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(5)
Default:	No default not null
Format:	DDDHH
Range:	00000 - 25523
Constraint:	Check CDR Duration Between 00000 and 25523
Description:	Indicates the number of days over which to perform Full CDR Logging.
Name:	FULL CDR LOGGING BIT 6
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No (Disabled) “1” Yes (Enabled)
Constraint:	Check Full CDR Logging Bit 6 In (“0”, “1”)
Description:	Indicates whether statistics should be recorded for all complete calls except local coin.
Name:	FULL CDR LOGGING BIT 7
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No (Disabled) “1” Yes (Enabled)
Constraint:	Check Full CDR Logging Bit 7 In (“0”, “1”)
Description:	

2-41 CALLTYP (Call Type)

CALLTYP (Call Type)

Description:

This table identifies the call types recognized by the terminal. It is used by the billing process to determine whether a CDR is billable and should be forwarded to the billing system.

Estimated volume: 32

Primary Key:

Call Type

Record length: 45

Fields:

Name:	CALL TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Values:	See list below
Constraint:	Check Call Type Between 0 and 255
Description:	Refer to the list below.

Call Type (Lower 4 bits)	Payment Type (Upper 4 bits)												
	2	3	4	5	6	7	8	9	A	B	C	D	E
Incoming	0	32	48	64	80	96	112	128	144	160	176		
Unanswered	1	33	49	65	81	97	113	129	145	161	177		
Abandoned	2	34	50	66	82	98	114	130	146	162	178		
Local	3	35	51	67	83	99	115	131	147	163	179		
Intra-LATA	4	36	52	68	84	100	116	132	148	164	180		
Inter-LATA	5	37	53	69	85	101	117	133	149	165	181		
International	6	38	54	70	86	102	118	134	150	166	182		
Operator	7	39	55	71	87	103	119	135	151	167	183		

Call Type (Lower 4 bits)	Payment Type (Upper 4 bits)												
	2	3	4	5	6	7	8	9	A	B	C	D	E
Zero+	8	40	56	72	88	104	120	136	152	168	184		
1-800	9	41	57	73	89	105	121	137	153	169	185		
DA*	A	42	58	74	90	106	122	138	154	170	186		
Denied	B	43	59	75	91	107	123	139	155	171	187		
Unassigned	C	44	60	76	92	108	124	140	156	172	188		
Unassigned	D	45	61	77	93	109	125	141	157	173	189		
ePurse**	E	46	62	78	94	110	126	142	158	174	190		
Unknown	F	47	63	79	95	111	127	143	159	175	191		

*DA = Directory Assistance/**e-purse transaction

0 - unused for compatibility reasons	8 - Mondex card
1 - unused for compatibility reasons	9 - Visa stored value card
2 - None, i.e. operator, bill to third, free, etc.	A - Smart City (FSU)
3 - Coin	B - Proton
4 - Commercial credit card (magnetic)	C - Undefined
5 - Calling card (magnetic)	D- Undefined
6 - Cash card	E - Undefined
7 - Inmate no payment	F - undefined

Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Description <> “ ”
Description:	

2-43 CALLTYP (Call Type)

Name:	BILLABLE IND
Mand/Opt'l:	Mandatory
Data type:	PIC X(1)
Defualt:	No default not null
Values:	"0" No "1" Yes
Constraint:	Check Billable Ind In ("0", "1")
Description:	Indicates whether a CDR with this Call Type is billable.
Name:	FRAUD SCREENING IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Defualt:	0 not null
Values:	"0" CDR will not be processed "1" CDR will be processed
Constraint:	Check Fraud Screening Ind In ("0", "1")
Description:	Indicates whether a CDR with this Call Type will be processed by the Fraud Detection subsystem.

Notes:

A summary local smart card CDR will be sent up once per day and will replace CDRs for every local smart card call as the billable record.

Individual local smart card CDRs can still be generated, in addition to the summary record, but will be treated as optional, unbillable, CDRs.

Summary local records will also be generated for the Mondex payment type. The Visa payment type will generate individual local CDRs.

The summary record will contain the following information:

- All flags set to 0 except the smart card indicator and summary local record.
- Card number, called number and authorization code will be empty.
- Amount charged will be a cumulative field for the value of all calls combined.
- The amount collected will be a peg count of the number of calls in this period.
- The start date and time will be when the record was opened. The terminal will store summary information in a temporary location and open a CDR at midnight. Hence, the CDR start date will contain information for calls from the previous day.
- The duration will be the cumulative time from the individual CDR durations.
- The sequence number will always be zero.

If a summary CDR is empty it will not be sent up to the Millennium Manager.

Starting with the MTR 1.9 terminal vintage, individual summary smart card CDRs will be created based on the smart card application code and issue ID. Individual summary smart card CDRs will populate the fields as identified above with the following exceptions:

- The card number will be a six-digit number containing a nine + three digit application code + a two digit issue ID.
- The sequence number field will contain a normal CDR sequence number, unique for each record. The combination of terminal ID, start date, start time and sequence number will ensure a unique record.

Local summary Mondex records will continue to have a blank card number.

2-45 CALLTYP (Call Type)

Multiple CDRs will be generated for calls where multiple smart cards are used. The contents of the subsequent CDR will be the same as the initial CDR except for the following fields:

- Card number – will contain a new card number
- Amount collected – from the new card
- Local summary Mondex records will continue to have a blank card number.

Multiple CDRs will be generated for calls where multiple smart cards are used.

The contents of the subsequent CDR will be the same as the initial CDR except for the following fields:

- Card number – will contain a new card number
- Amount collected – from the new card
- Amount charged – from the new card
- Sequence number – will be incremented by one. Required to avoid duplicate CDR issues.
- Duration – time applied/used against the new card
- Sequence number – will be incremented by one. Required to avoid duplicate CDR issues.
- Duration – time applied/used against the new card
- Multiple smart card used flag – set to one.
- Authorization code – empty; null filled.
- Card reference number – from the card table for the new card
- Call disposition – set to 0, meaning the card will be accepted without an authorization
- Card Authorization Not Available flag – set to indicate no authorization
- Power Fail Indication – set if power fail occurred while using new card

-
- Note: start date and time for all subsequent CDRs will be the same as the initial CDR.

Smart card number definition

Smart card identifier:	1 digit:	A nine in this position prevents a leading 0 digit and controls conflicts with other card types.
Application Code:	3 digits	Range 000 to 255
Issue ID:	2 digits	Range 00 to 15
Card Value:	2 digits	Range 00 to 15
Card/Chip Manufacturer:	3 digits	Range 000 to 255
Serial number:	8 digits	00,000,000 to 16,777,216

Mondex card number definition

Mondex card identifier: 2 digits: 99. This prevents a leading zero and controls conflicts with other card type ranges.

Bank identification number: 6 digits

User card number: 10 digits

Mondex summary transaction record

The Mondex terminals will produce a summary transaction record once per day if there were any free or chargeable transactions at the terminal. The fields would be populated as follows:

- All flags set to 0 except summary local flag
- Call type will be Mondex ePurse transaction

2-47 CALLTYP (Call Type)

- Card number, called number and auth code will be empty (E terminated)
- Amount charged will be a cumulative field for all the values of all the transactions combined. If the transactions are free, this field will contain 0.
- The amount collected will be a peg count of the number of transactions in this period.
- Start date/time will be when the record was opened. The terminal will store summary information in a temporary location, then open a CDR at midnight. Hence, the CDR start date will contain information for transactions from the previous day.
- Duration will be zero, which does not have meaning for transactions.
- The sequence number will be a normal, unique CDR sequence number.
- The combination of terminal ID, start date, start time, and sequence number will ensure a unique record.
- If a transaction CDR is empty it will not be sent up to the Millennium Manager.

Visa payment type CDR

The PSAM number will populate the card number field.

The smart card indicator flag will be set.

The international call flag will not be set. It is redundant because the call type is used.

Individual local CDRs will be created for each local call.

CARCARD (Carrier Card)

Description:

This table contains the carrier card records assigned to a carrier. A carrier can have up to 20 card types. This table will contain only the card types that are being used.

Estimated Volume: 20 / Carrier Configuration ID

Primary Key:

Telco ID
Carrier Config ID
Carrier Xref Num
Card Type

Record length: 14

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CARRIER CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Carrier Config ID <> “ ”
Description:	

2-49 CARD (Expanded Card table)

Name:	CARRIER XREF NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Carrier Xref Num Between 0 and 255
Description:	Must exist on Carrier Cross Reference table.
Name:	CARD TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Defualt:	No default not null
Constraint:	Check Card Type <> “ “
Description:	The Card Types that are to be used.

CARD (Expanded Card table)

Description:

This table identifies the types of credit and calling cards the terminal can recognize.

A card stripe contains 40 characters, of which the first six are always readable. The terminal compares these six digits to the lower and upper ranges of each record in the Card table. If the number falls within one of the ranges, that record defines the card type. The lower and upper ranges can be identical in multiple records.

Estimated Volume: 10 / Telco

Primary Key:

Telco ID
Card TYPE

Record length: 285

Fields:

Name: **TELCO ID**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC X(2)
Default: No default not null
Comments: Must exist on Telco table.
Constraint: Check Telco ID <> “ “
Description: Identifies the Telco for this record.

Name: **CARD TYPE**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC X(4)
Default: No default not null
Constraint: Check Card Type <> “ “
Description:

Name: **CARD NAME**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC X(40)
Default: No default not null
Constraint: Check Card Name<> “ “
Description:

Name: **LOWER RANGE**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: Numeric (6,0) unsigned
Default: No default not null
Range: 100000 - 999999
Comments: Must be less than or equal to UPPER RANGE.
Constraint: Check Lower Range Between 100000 and 999999
Description:

2-51 CARD (Expanded Card table)

Name:	UPPER RANGE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	No default not null
Range:	100000 - 999999
Comments:	Must be greater than or equal to LOWER RANGE.
Constraint:	Check Upper Range Between 100000 and 999999
Description:	Check Lower Range <= UPPER RANGE
Name:	CARD LENGTH (1-2)
Mand/Opt'l:	Optional
Occurrences:	2
Data type:	PIC 9(2)
Default:	No default not null
Range:	Second occurrence value defaults to first occurrence value. 1 - 20
Constraint:	Check Card Length 1 Between 1 and 20 Check Card Length 2 Between 1 and 20
Description:	Identifies the possible lengths for this card type.
Name:	STANDARD CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	0 - 99
Values:	1 MOD 10 2 ANSI 3 ABA 4 CBA 5 BOC 6 ANSI59 7 CCITT

	8 PINOFF 9 HELLO 10 SMART CARD 11 Reserved 12 SmartCity GPM416 13 SMARTCITY PCOS 14 SMARTCITY MPCOS 15 PROTON
Constraint:	Check Standard CD Between 0 and 99
Name:	BILLING CODE
Mand/Opt'l:	Mandatory
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Calling "1" Annex "2" M/C "3" Visa "4" Other
Constraint:	Check Billing Code In ("0", "1", "2", "3", "4")
Description:	
Name:	MOD10 IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" No "1" Yes
Constraint:	Check Mod10 Ind In("0", "1")
Description:	Indicates whether a Mod 10 check should be performed on a Card Number when it is being added to the Hotlist table.

2-53 CARD (Expanded Card table)

Name:	NCC VALIDATION IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Value:	"0" No "1" Yes
Constraint:	Check NCC Validation Ind In ("0", "1")
Description:	Indicates whether validation must be done by the Millennium Manager before the terminal will permit a call to be made.
Name:	CALLING CARD IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" Yes - Calling Card. "1" No - Not a Calling Card.
Constraint:	Check Calling Card Ind In ("0", "1")
Description:	Indicates whether this type of card is a calling card.
Name:	INITIAL DATE POS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	0 - 40
Constraint:	Check Initial Date Pos Between 0 and 40
Description:	Location after 1st field separator in the card stripe where the terminal will find the Initial or Effective Date for a card.

Name:	EXPIRY DATE POS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	0 - 40
Constraint:	Check Expiry Date Pos Between 0 and 40
Description:	Location after first field separator in the card stripe where the terminal will find the Expiry Date for a card.
Name:	DISCRETIONARY DATA POS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	0 - 40
Constraint:	Check Discretionary Data Pos Between 0 and 40
Description:	Location after 1st field separator in the card stripe where the terminal will find the Discretionary Date for a card.
Name:	CARD REF NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Range:	0 - 255; Starting with MSR 2.0, the range is 0 - 62 as the upper bits are used for flags in the CDR.
Constraint:	Check Card Ref No Between 0 and 255
Description:	Indicates the unique identifier for the card.

2-55 CARD (Expanded Card table)

Name:	IMMEDIATE AUTH IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Wait until called number obtained "1" Request authorization immediately after card withdrawn
Constraint:	Check Immediate Auth Ind In ("0", "1")
Description:	Indicates when the terminal should perform a card authorization.
Name:	SERVICE CD VALIDATION IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	not null
Values:	"0" Negative, None "1" Positive
Constraint:	Check Service CD Validation Ind In ("0", "1")
Description:	Indicates whether the list of Card Service Codes should be checked using positive or negative validation.
Name:	PROMPT FOR PIN
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Negative, None "1" Positive
Constraint:	Check Prompt For PIN In ("0", "1")
Description:	Indicates whether to prompt for the PIN number or not.

Name:	PROMPT FOR TELCO PIN
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Indicates whether to prompt for Telco PIN or not.
Name:	ROUTING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Route to Millennium Manager "1" Route to ACCS
Description:	Indicates whether to route to the Millennium Manager or to ACCS.
Name:	CARRIER XREF NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Constraint:	Check Carrier Xref Number Between 0 and 255
Description:	

2-57 CARD (Expanded Card table)

Name:	FORMATTED AUTH REQUEST
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Formatted "1" Unformatted
Constraint:	Check Formatted Auth Request In ("0","1")
Description:	Indicates whether a Formatted or Unformatted Authorization will be used. Unformatted dialogue is not supported by the terminals or the Millennium Manager. Note: This field is not currently used. The Authorization Request field in the Edit Card Entry screen is mapped to the Send of Validation IND screen as follows: Unformatted - entire mag strip. Formatted - card number.
Name:	SERVICE CODES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Comments:	Contains a list of ten service codes of 4 hex digits each.
Description:	
Name:	SERVICE CODES DESCRIPTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(80)
Default:	Not null
Description:	A single free format 80 character field allowing for descriptive text.

Name:	VALIDATE LOCAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	“0” Does not validate local calls “1” Validate local calls
Constraint:	Check Validate Local Calls In (“0”, “1”)
Description:	
Name:	VALIDATE INTRALATA CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	“0” Does not validate intra-lata calls “1” Validates intra-lata calls
Constraint:	Check Validate Intralata Calls In (“0”, “1”)
Description:	
Name:	VALIDATE INTERLATA CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	“0” Does not validate inter-lata calls “1” Validates inter-lata calls
Constraint:	Check Validate Interlata Calls In (“0”, “1”)
Description:	

2-59 CARD (Expanded Card table)

Name:	VALIDATE INTERNATIONAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	“0” Does not validate international calls “1” Validates international calls
Constraint:	Check Validate International Calls In (“0”, “1”)
Description:	
Name:	CARD AUTH BIT 4-7
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” “1”
Constraint:	Check Card Auth Bit 4 In (“0”, “1”) Check Card Auth Bit 5 In (“0”, “1”) Check Card Auth Bit 6 In (“0”, “1”) Check Card Auth Bit 7 In (“0”, “1”)
Description:	For future use
Name:	DISCOUNT LOCAL CALL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint unsigned
Default:	0 not null
Description:	Surcharge reduction amount on local calls for this card entry.

Name:	DISCOUNT INTRALATA CALL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint unsigned
Default:	0 not null
Description:	Surcharge reduction amount on intra-lata calls for this card entry.
Name:	DISCOUNT INTERLATA CALL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint unsigned
Default:	0 not null
Description:	Surcharge reduction amount on inter-lata calls for this card entry
Name:	DISCOUNT INTERNATIONAL CALL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint unsigned
Default:	0 not null
Description:	Surcharge reduction amount on international calls for this card entry
Name:	DISPOSABLE RELOADABLE CARD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values	“0” Not a Disposable/Reloadable Card “1” Disposable/Reloadable Card
Constraint:	Check Disposable Reloadable Card In (“0”, “1”)
Description:	

2-61 CARD (Expanded Card table)

Name:	SUMMARY LOCAL CDR REQ
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values	"0" Summary Local CDR not required "1" Summary Local CDR required
Constraint:	Check Summary Local CDR Req In ("0", "1")
Description:	
Name:	CONTROL INFO 2 BIT 2-7
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values	"0" "1"
Constraint:	Check Control Info 2 Bit 2 In ("0", "1") Check Control Info 2 Bit 3 In ("0", "1") Check Control Info 2 Bit 4 In ("0", "1") Check Control Info 2 Bit 5 In ("0", "1") Check Control Info 2 Bit 6 In ("0", "1") Check Control Info 2 Bit 7 In ("0", "1")
Description:	For future use

Name:	CONTROL INFO 2 BIT 2-7
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values	"0" "1"
Constraint:	Check Control Info 2 Bit 2 In ("0", "1") Check Control Info 2 Bit 3 In ("0", "1") Check Control Info 2 Bit 4 In ("0", "1") Check Control Info 2 Bit 5 In ("0", "1") Check Control Info 2 Bit 6 In ("0", "1") Check Control Info 2 Bit 7 In ("0", "1")
Description:	For future use
Name:	MAX CARD INSERTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	10 not null
Range:	0 - 255
Constraint:	Check Max Card Inserts Between 0 and 255
Description:	
Name:	MAX DIFFERENT CARD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	1 not null
Range:	0 - 255
Constraint:	Check Max Different Card Between 0 and 255
Description:	

2-63 CARD (Expanded Card table)

Name:	PTR CSL BANK RELOAD SYS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	255 not null
Range:	0 - 255
Constraint:	Check PTR CSL Bank Reload Sys Between 0 and 255
Description:	A value of 255 will indicate the field is not used. Pointer to CSL for bank reload system.
Name:	SPARE 1-7
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint (1-7) unsigned (1 and 2 only)
Default:	0 not null
	Check Spare 3 Between 0 and 255
	Check Spare 4 Between 0 and 255
	Check Spare 5 Between 0 and 255
	Check Spare 6 Between 0 and 255
Description:	For future use
Name:	CCC PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Smallint
Default:	0 not null
Constraint:	Check Control Info 3 between 0 and 255
Description:	This card is peg counted as a credit card in the carrier statistics, even though it is configured as a calling card.
Name:	CONTROL INFO 4
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint

	Default:	0 not null
	Constraint:	Check Control Info 4 between 0 and 255
	Description:	Not used
	Name:	SPILLAGE STRING
	Mand/Opt'l:	Optional
	Occurrences:	
	Data type:	Pic X(16)
	Default:	" " not null
	Constraint:	
	Description	Spill data and timers for eight spills.
	Name:	SPILL TERMINATE CHAR
	Mand/Opt'l:	Optional
	Occurrences:	
	Data type:	Numeric (3,0) unsigned
	Default:	0 not null
	Constraint:	
	Description:	The terminating character to be attached to the end of each data spillage.
	Name:	DISCOUNT POINTER
	Mand/Opt'l:	Optional
	Occurrences:	
	Data type:	Numeric (3,0) unsigned
	Default:	0 not null
	Constraint:	
	Description:	Time of day discount information.
	Name:	LANGUAGE CODE
	Mand/Opt'l:	Optional
	Occurrences:	
	Data type:	Pic X(2)
	Default:	" " not null
	Constraint:	

2-65 CARDCFG (Card Config)

Description:	Language code that the terminal spills to the network, in hexadecimal format.
--------------	---

CARDCFG (Card Config)

Description:

This table contains the card configuration records assigned to a configuration ID. Each terminal is assigned a card configuration ID which gives access to up to 20 card types.

Estimated Volume: 20 / Card Configuration ID

Primary Key:

Telco ID
Card Configuration ID
Sequence No

Record length: 14

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Description:	Identifies the Telco under which this record was created

Name:	CARD CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Description:	Indicates a unique name for each card record.

Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	1 - 32
Comments:	Each Card Config is limited to 32 Card types. Some terminal types may support only 20 card entries.
Description:	
Name:	CARD TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Description:	The Card Types that are to be used.

CARLIST (Carrier List)

Description:

This table contains the carrier list records that comprise a detailed list of carrier configurations used in the Terminal Carrier table. There can be up to 21 carriers available to a Carrier Configuration ID.

Estimated Volume: 21 / Carrier Configuration ID

Primary Key:

Telco ID
Config ID
Carrier Config ID
Carrier Xref Num

Record length: 18

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Config ID <> “ ”
Description:	The unique name of each carrier list.

Name:	CARRIER CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Carrier Config ID <> “ ”
Description:	The name of the carrier record to be attached to the list.
Name:	CARRIER XREF NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Carrier Xref Num Between 0 and 255
Description:	The carrier cross reference number entered in the carrier record.
Name:	ENTRY NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	1 - 32
Constraint:	Check Entry Number Between 1 and 32
Description:	The sequence number of the entries on the carrier list.

CARRIER (Carrier)

Description:

This table contains the Carrier records used by the terminals to define configurations of a carrier using the Telco ID, Carrier Configuration ID, and Carrier Cross Reference Number as the keys.

Estimated Volume:
Primary Key:

Telco ID
Carrier Config ID
Carrier Xref Num

Record length: 54

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CARRIER CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Carrier Config ID <> “ ”
Description:	Unique number of an individual record.

Name:	CARRIER XREF NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Carrier Xref Num Between 0 and 255
Description:	Unique number for each carrier used to cross reference the carrier in other tables.
Name:	DISPLAY PROMPT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	
Description:	Actual prompt for display on one line.
Name:	FEATURE GRP B PROMPT FOR NUM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Feature Group B Prompt For Num In ("0", "1")
Description:	
Name:	REM CARRIER PREFIX ZM LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No remove of prefix, zero and local "1" Remove prefix zero and local

2-71 CARRIER (Carrier)

Constraint:	Check Rem Carrier Prefix ZM Local In ("0", "1")
Description:	
Name:	REM CARRIER PREFIX INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No remove carrier prefix intra-lata "1" Remove carrier prefix intra-lata
Constraint:	Check Rem Carrier Prefix Intralata In ("0", "1")
Description:	
Name:	CONTROL BYTE2 BIT 3-7
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Control Byte2 Bit 3 In ("0", "1") Check Control Byte2 Bit 4 In ("0", "1") Check Control Byte2 Bit 5 In ("0", "1") Check Control Byte2 Bit 6 In ("0", "1") Check Control Byte2 Bit 7 In ("0", "1")
Description:	Bit 3 is used for Remove Carrier Prefix Interlata Bit 4 is used for Remove Carrier Prefix International Bit 5 is used for Remove Carrier Prefix DA Bit 6 is used for Remove Carrier Prefix 1-800

Name:	CARRIER CARD FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	Indicates if to dial 101XXXX.
Constraint:	Check Carrier Card Flag In ("0", "1")
Description:	
Name:	USE SPEC DISPLAY PROMPT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Use Spec Display Prompt In ("0", "1")
Description:	Indicates use of the specific display prompt.
Name:	ACCEPTS COIN CASH CARDS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Accepts Coin Cash Cards In ("0", "1")
Description:	Indicates if coin calls are accepted.

2-73 CARRIER (Carrier)

Name:	USE ALTERN BONG TONE TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	If this bit is 0, then the normal value from the User Interface Table will be used. If this bit is 1, then the alternate timer value from the User Interface Table will be used.
Constraint:	Check Use Altern Bong Tone Timeout In ("0", "1")
Description:	
Name:	USE ALTERN DELAY AFTER BONG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	If this bit is 0, then the normal value from the User Interface Table will be used. If this bit is 1, then the alternate timer value from the User Interface Table will be used.
Constraint:	Check Use Altern Delay After Bong In ("0", "1")
Description:	
Name:	INTRA LATA CALLS TO LEC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes

Comments:	This field is used for intra-lata calls to LEC. This field determines how an intra-lata call is routed (to LEC or Carrier) when a carrier card is inserted and no carrier prefix is dialed.
Constraint:	Check Intra Lata Calls to LEC In ("0", "1")
Description:	
Name:	CONTROL BYTE BIT 6 - (Outdial String Order)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" FGB#, Called #, Card # "1" FGB#, Card #, Called #
Constraint:	Check Control Byte Bit 6 In ("0", "1")
Description:	Defines in what order the numbers will be dialed out by the terminal.
Name:	FEATURE GROUP B
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	This field is used for Feature Group B Access.
Constraint:	Check Feature Group B In ("0", "1")
Description:	Feature Group B is a category of free access to the carrier network. It usually uses 1-800 or 950xxx.

2-75 CARRIER (Carrier)

Name:	FEATURE GROUP B TIMER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	500 not null
Comments:	Time in 10 msec increments
Description:	
Name:	SPARE 3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Spare 3 Between 0 and 255
Description:	For future use. To be renamed INT RATE ACCPT in a future release.
Name:	CALL ENTRY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	255 not null
Range:	0 - 255
Comments:	This field is used for Call Entry. This indicates the pointer to the Call Screening list for Feature Group B access.
Constraint:	Check Call Entry Between 0 and 255
Description:	

CARXREF (Carrier Cross Reference)

Description:

This table contains the Carrier Cross Reference records for all Millennium Manager-accessible carriers. The Millennium Manager can define up to 256 carriers per Telco.

Estimated Volume: 21 / Telco

Primary Key:

Telco ID
Carrier Xref Num

Record length: 8

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	

Name:	CARRIER XREF NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	0 - 255
Constraint:	Check Carrier Xref Num Between 0 and 255
Description:	This is the 3 digit number used to reference the four digit dialing code for a carrier.

2-77 CNVTDEC (Convert Decimal Values)

Name:	CARRIER ID CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Range:	0 - 9999
Constraint:	Check Carrier ID Code <> “ “
Description:	The dialing code for the carrier.

CNVTDEC (Convert Decimal Values)

Description:

This table is used to convert decimal values entered at the Millennium Manager to decimal values required by the terminal. They are used primarily for downloading visual and advertising prompts.

Estimated Volume: 25

Primary Key:

Terminal Type
NCC Conversion Code

Record length: 6

Fields:

Name:	TERMINAL TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	1 - 255
Comments:	Corresponds to the same Terminal Type which is used on the Terminal Control table.
Constraint:	Check Terminal Type > 0
Description:	

Name:	NCC CONVERSION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	1 - 255
Constraint:	Check NCC Conversion Code Between 1 and 255
Description:	This is the decimal value for a special character, as it is entered at the Millennium Manager.
Name:	TERM CONVERSION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	0 - 255
Constraint:	Check Term Conversion Code Between 0 and 255
Description:	This is the decimal value for a special character, as it will be sent to the terminal.

COINVL (Coin Validation Parameters)

Description:

This table may be downloaded to Multi-pay and Coin terminals. It contains the parameters used by the terminals to accept and interpret deposited currency. It is maintained by the system manager using SQLCI.

Estimated Volume: 1

Primary Key:

Telco ID

Record length: 186

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	

Name:	COIN 1 VALUE . . . COIN 16 VALUE
Mand/Opt'l:	Optional
Occurrences:	16
Data type:	Numeric (5,0) unsigned
Defaults:	See below
Units:	Cents
Comments:	See list below.
Description:	The equivalent value in cents for the coin type. For example, a CDN nickel coin type would have a value of 5 (cents).

Occur	Coin Type	Default
1	CDN NICKEL (1)	5 not null
2	CDN NICKEL (2)	5 not null
3	CDN DIME	10 not null
4	CDN QUARTER	25 not null
5	CDN DOLLAR	100 not null
6	U.S. NICKEL	5 not null
7	U.S. DIME	10 not null
8	U.S. QUARTER	25 not null
9	US Dollar	100 not null
10	Canadian Nickel (Steel)	5 not null
11	Canadian Dime (Steel)	10 not null
12	Canadian Quarter (Steel)	25 not null
13-16	Other (to be defined)	no defaults

Name:	COIN 1 VOLUME . . . COIN 16 VOLUME
Mand/Opt'l:	Optional
Occurrences:	16
Data type:	Numeric (5,0) unsigned
Default:	Not null
Units:	Nickel volume equivalent
Comments:	See list below.
Description:	The value used to calculate the equivalent volume in nickels for the coin type.

2-81 COINVL (Coin Validation Parameters)

Occur	Coin Type
1	CDN NICKEL (1)
2	CDN NICKEL (2)
3	CDN DIME
4	CDN QUARTER
5	CDN DOLLAR
6	U.S. NICKEL
7	U.S. DIME
8	U.S. QUARTER
9	US Dollar
10	Canadian Nickel (Steel)
11	Canadian Dime (Steel)
12	Canadian Quarter (Steel)
13-16	Other (to be defined)

Name:	COIN 1 PARM . . . COIN 16 PARM
Mand/Opt'l:	Optional
Occurrences:	16
Data type:	Numeric (3,0) unsigned
Default:	Not null
Values:	See list below.
Comments:	See list below.
Description:	

Values:	Bits	Values
	0	Disable coin window

1	Enable coin window - not supported, all enabled windows will accept coins
1	Reject coin, not supported - all enabled windows will accept coins
1	Accept coin

Comments:	Occur	Coin Type
1		CDN NICKEL (1)
2		CDN NICKEL (2)
3		CDN DIME
4		CDN QUARTER
5		CDN DOLLAR
6		U.S. NICKEL
7		U.S. DIME
8		U.S. QUARTER
9		US Dollar
10		Canadian Nickel (Steel)
11		Canadian Dime (Steel)
12		Canadian Quarter (Steel)
13-16		Other (to be defined)

2-83 COINVL (Coin Validation Parameters)

Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	CASH BOX VOLUME Optional 1 Numeric (5,0) unsigned Not null Nickel volume equivalent Maximum cash box capacity.
Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	ESCROW VOLUME Optional 1 Numeric (5,0) unsigned Not null Nickel volume equivalent Maximum Escrow capacity.
Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	CASH BOX VOLUME THRESHOLD Optional 1 Numeric (5,0) unsigned Not null Nickel volume equivalent Cash box threshold for which, when exceeded, the terminal will set the “Threshold exceeded” flag in the Cash Box Status message.
Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Units: Description:	CASH BOX VALUE THRESHOLD Optional 1 Numeric (9,0) unsigned Not null cents Nickel volume equivalent Cash box value threshold for which, when exceeded, the terminal will set the “Threshold exceeded” flag in the Cash Box Status message

Name:	ESCROW VOLUME THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Units:	Nickel volume equivalent
Description:	Escrow threshold which, when exceeded, will cause the terminal to inform the user that it is full. It will then flush the escrow contents.
Name:	ESCROW VALUE THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Units:	cents
Description:	Escrow value threshold which, when exceeded, will cause the terminal to inform the user that it is full. It will then flush the escrow contents.

COLTHRS (Collection Window and Threshold Values)

Description:

This table is used to provide the coin collection and prediction units with values for the collection window and threshold value by telco ID and route.

Estimated volume:

Primary Key:

Telco ID

Route No

2-85 COLTHR (Collection Window and Threshold Values)

Record length:	10
Fields:	
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created.
Name:	ROUTE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(3)
Default:	SYSTEM not null
Description:	A number given to a terminal ID to classify it under a specific route grouping of terminals.
Name:	COLLECTION WINDOW WIDTH
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null
Constraint:	Check Collection Window Width > 0
Description:	Width of the collection window (in days). Used as a boundary value in the Coin Prediction Process to flag any terminals that are predicted to become full within this number of days. This value, if read in by the Coin Prediction Process, will override the passed in parameter

Name:	THRESHOLD VALUE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	No default not null
Range:	1 - 100
Constraint:	Check Threshold Value Between 0 and 100
Description:	A percentage value used by the Coin Prediction Process. If a terminal's cashbox percent full is greater than this value, then this terminal will be flagged for collection. This value, if read in by the Coin Prediction Process will override the passed in parameter.

COMMST (Communication Statistics)

Description:

This table contains the different configurations of communication and performance statistics parameters which may be associated with any number of terminals in a telco. The configurations may be downloaded to all terminal types.

Estimated Volume: 5

Primary Key:

Telco ID
Configuration ID

Record length: 10

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)

2-87 COMMST (Communication Statistics)

Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Picture:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	
Name:	CO ACCESS DIAL COMPLETE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	100 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check CO Access Dial Complete Between 0 and 32767
Description:	
Name:	CO ACCESS DIAL COMPLETE INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Units:	Time in 10 msec increments
Default:	50 not null
Range:	0 - 32767
Constraint:	Check CO Access Dial Complete Int Between 0 and 32767
Description:	

Name:	DIAL COMPLETE CARR DETECT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	100 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Dial Complete Carr Detect Between 0 and 32767
Description:	
Name:	DIAL COMPLETE CARR DETECT INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	50 not null
Units:	Time in 10 msec increments
Constraint:	Check Dial Complete Carr Detect Int Between 0 and 32767
Range:	0 - 32767
Description:	
Name:	CARR DETECT FIRST PAC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	10 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Carr Detect First Pac Between 0 and 32767
Description:	

2-89 COMMST (Communication Statistics)

Name:	CARR DETECT FIRST PAC INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	5 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Carr Detect First Pac Int Between 0 and 32767
Description:	
Name:	USER WAITING EXPECT INFO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	600 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check User Waiting Expect Info Between 0 and 32767
Description:	
Name:	USER WAITING EXPECT INFO INT
Man/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	100 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check User Waiting Expect Info Int Between 0 and 32767
Description:	

Name:	PERF STAT ENABLE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No (Disabled) "1" Yes (Enabled)
Constraint:	Check Perf Stat Enable <> " "
Description:	Indicates whether the terminal should record performance statistics.
Name:	PERF STAT THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	2 not null
Range:	0 - 255
Constraint:	Check Perf Stat Threshold Between 0 and 255
Description:	Indicates the number of Performance Statistics records that the terminal will store before automatically calling in to the Millennium Manager to upload them.
Name:	PERF STAT START TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	none indicated not null
Format:	HHMM
Range:	0000 <= 2359
Comments:	Must have a valid Time format.
Constraint:	Check Perf Stat Start Time <= 2359
Description:	Indicates the time of day at which the terminal should begin recording performance statistics, in the terminal local time.

2-91 COMMST (Communication Statistics)

Name:	PERF STAT DUR
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	1 not null
Units:	days
Range:	0 - 255
Constraint:	Check Perf Stat Dur Between 0 and 255
Description:	Indicates the number of days over which performance statistics will be accumulated.
Name:	PERF STAT TIME STAMP (1-4)
Mand/Opt'l:	Optional
Occurrences:	4
Data type:	PIC 9(4)
Default:	Not null
Format:	HHMM
Range:	0000 <= 2359
Comments:	Must have a valid Time format.
Description:	These timestamps, entered in the terminal's local time, are used with the Performance Statistics Start Time to partition the 24-hour recording period into as many as 5 time periods.
For example, if the following were entered:	
Start Time:	01:00
Time Stamp 1:	06:00
Time Stamp 2:	18:00
Then the following time periods would be used:	
Time Period	Duration
1	01:00 - 06:00
2	06:00 - 18:00
3	18:00 - 01:00

COUNTRY (Country Code)

Description:

This table is used to screen calls to countries with a high incidence of fraud. The Millennium Manager validates the country code of all international calls against the values in this table. If it finds the country code, it rejects the call.

Estimated volume: 25

Primary key:

Telco ID
Region Code
Fraud Profile
Country Cd

Record length: 17

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	A value is entered to allow country codes to be screened out on a Telco by Telco basis.

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”

2-93 COUNTRY (Country Code)

Description:	With Telco ID, must exist on Region table. Identifies the Region under which the record was created.
Name:	FRAUD PROFILE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Space not null
Description:	
Name:	COUNTRY CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Range:	0 - 999
Description:	This is a two or three digit country code.
Name:	CARD REF NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Description:	

CP999999 (Coin Transmission File)

Description:

This ENSCRIBE file is created by the Coin process. It is an intermediary file which contains the cash box collection records. This file is transmitted to the appropriate external coin system after it has been built.

Estimated Volume: 1 per data transmission

Primary Key:

Entry Sequenced

Fields:

Name:	TRANSMISSION DATA RECORD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(80)
Comment:	Records are a fixed length of 80 bytes to accommodate the host computer.
Description:	Record formats are described in detail by the latest version of the Coin System Interface Specification.

CR999999 (Billing Transmission File – EMR Format)

Description:

This ENSCRIBE file is created by the Billing process. It is an intermediary file which contains the calling card call detail and toll coin call detail records. This file is transmitted to the appropriate external billing system after it has been built.

Estimated Volume: 1 per data transmission

Primary Key:

Entry Sequenced

Fields:

Name:	TRANSMISSION DATA RECORD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(205)
Comment:	Records are a variable length of up to 205 bytes to accommodate the host computer.
Description:	Record formats are described in detail by the latest version of the CRIS Interface Specification.

CSETUP (Call Setup Parameters)

Description:

This table is used to describe call setup configurations.

Estimated Volume:
Primary Key:

Telco ID
Configuration ID

Record length: 60

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)]
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

Name:	ANSWER SUPERVISION DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint unsigned

2-97 CSETUP (Call Setup Parameters)

Default	50 not null
Description:	
Name:	MAX WINK DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint unsigned
Default:	200 not null
Description:	
Name:	SPARE 1 - 20
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint unsigned
Default	0 not null
Description:	For future use
Name:	SPARE 21- 24
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default	0 not null
Range	0 - 255
Constraint:	Check Spare 21 Between 0 and 255 Check Spare 21 Between 0 and 255 Check Spare 21 Between 0 and 255 Check Spare 21 Between 0 and 255
Description:	For future use

CUSTINF (Customer Information)

Description:

This table contains information about the customers and their corresponding contact people or organizations.

Estimated Volume: 1000

Primary Key:

Telco ID
Customer Xref NO

Record length: 258

Alternate Key:

Telco ID

Customer Name

Index (Not unique): CUSTINFO

By: TELCO ID ,

CUSTOMER NAME

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

2-99 CUSTINF (Customer Information)

Name:	CUSTOMER XREF NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Description:	Customer Cross Reference Number.
Name:	CUSTOMER BILL INFO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Description:	Information regarding the customer's billing.
Name:	CUSTOMER NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Description:	Name of the Customer.
Name:	CUSTOMER CONTACT NM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Description:	Name of the person or organization responsible for the customer.
Name:	CUSTOMER CONTACT TEL NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	Not null
Description:	The telephone number of the contact person or organization.

Name:	CUSTOMER CONTACT ADDR LINE (1-3)
Mand/Opt'l:	Optional
Occurrences:	3
Data type:	PIC X(40)
Default:	Not null
Description:	The address of the contact person or organization.

DEACT (Deactivated Terminal)

Description:

This table contains the IDs of all the deactivated terminals, and the last date and time at which the terminal was last processed by the Deactivated Terminal Call-in report.

Estimated Volume: 100

Primary Key:

Terminal ID

Record length: 24

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999 (10 digits)
Constraint:	Check Terminal ID >= 1000000000
Description:	Must exist on the Terminal table, as a deactivated terminal.

2-101 DEACT (Deactivated Terminal)

Name:	LAST DEACT CALLIN PROC DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Default:	0
Description:	The last expected call-in time which was processed by the Deactivated Terminal Call-In Report.
Name:	LAST DEACT CALLIN PROC TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Format:	HMMSS
Range:	000000 - 235959
Default:	SYSTEM not null
Comments:	Must have a valid Time format.
Constraint:	Check Last Deact Callin Proc Tm <= 235959
Description:	The terminal's last expected call-in time was processed by the Deactivated Terminal Call-In Report.

DEST (Destination)

Description:

This table identifies the destinations, usually repair offices, to which the Millennium Manager routes alarm and operation code messages. The location code could contain the identifier of a Tandem device or the electronic mail address of a repair office.

Estimated Volume: 40

Primary Key:

Telco ID
Destination ID

Record length: 279

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	IDentifies the Telco under which this record was created

Name:	DESTINATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(15)
Default:	No default not null
Constraint:	Check Destination ID <> “ ”
Description:	

2-103 DEST (Destination)

Name:	DESTINATION TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Range:	"1" - "9"
Values:	"1" Electronic Mail Address "2" Printer
Constraint:	Check Destination Type Between "1" and "9"
Description:	
Name:	LOCATION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(50)
Default:	No default not null
Comments:	When Destination Type is Printer, Location must exist on Printer table.
Constraint:	Check Location <> " "
Description:	Identifies the Electronic Mail Address or printer device to which output will be sent.
Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Description <> " "
Description:	
Name:	CONTACT NAME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)

Default:	Not null
Description:	
Name:	CONTACT TEL NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC S9(11)
Default:	Not null
Description:	
Name:	ADDR LINE (1-3)
Mand/Opt'l:	Optional
Occurrences:	3
Data type:	PIC X(40)
Default:	Not null
Description:	

DESTDEF (Destination Default)

Description:

This table is used to associate default destinations with terminals. Alarms and operation codes will be routed to the destination in this table if a specific destination is not defined in the Alarm Destination or Op Code Destination table. If no default exists for the terminal in this table, the system default destination on the System Parameters table will be used.

Estimated Volume: 1 / Terminal

Primary Key:
Terminal ID

Record length: 35

Alternate Key:
Destination ID

2-105 DESTDEF (Destination Default)

Index (Unique): DESTDEF0

By: TERMINAL ID ASCII

Index (Not unique): DESTDEF1

By: DESTINATION ID

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Constraint:	Check Terminal ID >= 1000000000
Description:	This is the telephone number of the terminal.

Name: TERMINAL ID ASCII

Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(10)
Default:	No default not null
Range:	1000000000 - 9999999999 (10 digits)
Constraint:	Check Terminal ID ASCII >= "1000000000"
Description:	ASCII equivalent of the Terminal ID.

Name: DESTINATION ID

Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(15)
Default:	No default not null
Constraint:	Check Destination ID <> " "
Description:	With Telco ID, must exist on Destination table.

DIALRL (Dialing Rules)

Description:

This table contains the different configurations of dialing rules parameters which may be associated with any number of terminals in a telco. The configurations may be downloaded to all terminal types except Card V1.0.

Estimated Volume: 10 per telco

Primary Key:

Telco ID
Configuration ID

Record length: 712

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

2-107 DIALRL (Dialing Rules)

Name:	FIXED FORMAT PARAMETERS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(64)
Default:	Not null
Constraint:	Check Fixed Format Parameters <> “ “
Description:	Contains hex characters.
Name:	NUMBERING PLAN RULES
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(360)
Default:	Not null
Constraint:	Check Numbering Plan Rules <> “ “
Description:	Contains hex characters.
Name:	DISPLAY FORMATTING
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(280)
Default:	Not null
Constraint:	Check Display Formatting <> “ “
Description:	Contains hex characters.

DISCONT (Discount Rates)

Description:

Estimated Volume:

Primary Key:

Telco ID
Configuration ID

Record length: 104

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	
Format:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	

Name:	CONFIGURATION ID (Primary Key 2)
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	With the Telco ID, uniquely identifies this record

Name:	DISCOUNT RATINGS:
Mand/Opt'l:	
Occurrences:	
Format:	PIC (X96)
Default:	0 not null
Description:	

DPEND (Pending Download Request)

Description:

This table contains the parameters entered by the user when requesting a download. It is used to determine and report the status of the pack data process.

Estimated Volume: 50

Primary Key:

Request Timestamp

Record length: 180

Fields:

Name:	REQUEST TIMESTAMP
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (18,0) unsigned
Default:	No default not null
Format:	64-bit Julian timestamp
Description:	

Name:	SUBMISSION DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Download Packing Process should begin, as specified by the Millennium Manager user, in Millennium Manager local time.

Name:	SUBMISSION TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	HHMM
Comments:	Must have a valid Time format.
Description:	Time at which the Download Packing Process should begin, as specified by the Millennium Manager user, in Millennium Manager local time.
Name:	PACKED START DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date in GMT on which the packing process began.
Name:	PACKED START TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time in GMT at which the packing process began.
Name:	PACKED STOP DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date in GMT on which the packing completed.

2-111 DPEND (Pending Download Request)

Name:	PACKED STOP DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date in GMT on which the packing completed.
Name:	PACKED STOP TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time in GMT at which the packing completed.
Name:	USER ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Identifies user who requested the download.
Name:	LANGUAGE CD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	Not null
Description:	Default language of user (see User ID above).
Name:	TELCO ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)

Default:	Not null
Description:	Default Telco of user (see User ID above)
Name:	REGION CODE
Mand/Opt'l:	Mandatory, if Group is entered
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Description:	With Telco ID and Group ID, identifies a group of terminals for download.
Name:	GROUP ID
Mand/Opt'l:	Mandatory, if Region is entered
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Description:	With Telco ID and Region Code, identifies a group of terminals for download.
Name:	TERMINAL ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC S9(10)
Default:	Not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	HIGH TERMINAL ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC S9(10)
Default:	Not null
Description:	If Terminal ID (above) is specified, identifies the upper range of Terminal IDs for download.

2-113 DPEND (Pending Download Request)

Name:	CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Description:	If specified, identifies what configuration is to be downloaded.
Name:	TIME AREA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Comments:	Only Call-In Parameters may be selected for download by Time Area.
Description:	Indicates that all the terminals in the specified Time Area should be selected for download.
Name:	TABLE INDICATORS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(50)
Default:	Not null
Description:	Indicates which tables were selected for download by the user. Refer to the list below

Each character of the indicator corresponds to a table, as follows:

Position	Table
1	Terminal Information
2	Advertising List
3	Card Types
4	Call Screening/Free Call List
5	Repertory Dialer Matrix

6	Visual Prompts
7	Call Statistics
8	Communication Statistics
9	Feature Configuration and Call Options
10	Modem Configuration Parameters
11	Terminal Call-in Parameters
12	User Interface Parameters
13	Installation/Servicing Parameters
14	Rate Table
15	Coin Validation Parameters
16	Dialing Rules Table
17	Carrier Table
18	Service Level Table
19	Electronic Lock Table
20	Inmate Setup
21	Inmate Feature
22	MDS Feature Configuration
23	Spare Table
24	Call Setup Parameters
25	LCD Table

2-115 DPEND (Pending Download Request)

Name:	DNLD TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Values:	ST Single Terminal WT Wildcard Terminal SR Single Region/Group WR Wildcard Region/Group TA Time Area RG Specific Region Group RO Route RS Route and Stop GL Specific Group CF Specific Configuration ID
Description:	Identifies the type of download.
Name:	VALID REGIONS
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	PIC X(30)
Default:	Not null
Description:	These are the Regions to which the user had access at the time of the request.
Name:	IMMEDIATE CALLBACK FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	When set, indicates that the terminal is to call back immediately.

DSCHED (Download Schedule History)

Description:

This table contains a history of the tables which were downloaded and are pending download to each terminal, by associating the terminal with the data in the download history tables.

Estimated Volume: 15 / Terminal / Download

Primary Key:

Terminal ID
Table ID
Version Timestamp

Record length: 54

Index (Not unique): DSCHED0

By: TELCO ID,
TABLE ID,
VERSION TIMESTAMP

Index (Not unique): DSCHED1

By: TELCO ID,
ARCHIVE IND,
ACKNOWLEDGE DT

Index (Not unique): DSCHED2

By: TABLE ID,
VERSION TIMESTAMP

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Range:	1000000000 - 9999999999 (10 digits)

2-117 DSCHED (Download Schedule History)

Description:	Retrieved from Download Schedule History table.
Name:	TABLE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Values:	Refer to Table ID in table TERMSCH
Description:	Retrieved from Download Schedule History table.
Name:	VERSION TIMESTAMP
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (18,0) unsigned
Default:	No default not null
Format:	64-bit Julian timestamp
Description:	Retrieved from Download Schedule History table.
Name:	VERSION DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Retrieved from Download Schedule History table.
Name:	VERSION TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Description:	Retrieved from Download Schedule History table.

Name:	ACKNOWLEDGE DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Retrieved from Download Schedule History table.
Name:	ACKNOWLEDGE TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Description:	Retrieved from Download Schedule History table.
Name:	TELCO ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Retrieved from Download Schedule History table.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Retrieved from Download Schedule History table.

2-119 DWNLOAD (Code Download)

Name:	ARCHIVE IND
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(1)
Default:	0 not null
Constraint:	Check Archive Ind In ("0", "1")
Description:	

DWNLOAD (Code Download)

Description:

Estimated Volume:

Primary Key:

Terminal ID

Record length: 200

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data Type:	PIC S9(10)
Default:	No default not null
Description:	

Name: **PROCEED WITH DOWNLOAD**

Mand/Opt'l:	
Occurrences:	1
Data Type:	PIC X(1)
Default:	0 not null
Format:	0 - do not proceed 1 - flag set
Constraint:	Check Proceed With Download in ("0", "1")

Description:	Selected flag indicates whether or not to proceed with download.
Name:	CODE DNLD FLAG BIT 1-7
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC X(1)
Default:	0 not null
Format:	0 - No 1 - Flag set
Constraint:	Check Code Dnld Flag Bit 1 In ("0","1") Check Code Dnld Flag Bit 2 In ("0","1") Check Code Dnld Flag Bit 3 In ("0","1") Check Code Dnld Flag Bit 4 In ("0","1") Check Code Dnld Flag Bit 5 In ("0","1") Check Code Dnld Flag Bit 6 In ("0","1") Check Code Dnld Flag Bit 7 In ("0","1")
Description:	
Name:	DOWNLOAD DATETIME
Mand/Opt'l:	
Occurrences:	1
Data Type:	Datetime Year to Second
Default:	Datetime "1990-01-01:00:00:00" Year to Second Not Null
Description:	Indicates the date and time the download will occur.
Name:	CODE SERVER ACCESS NUM
Mand/Opt'l:	
Occurrences:	1
Data Type:	PIC X(20)
Default:	0 not null
Description:	The telephone number to access the code server modem pool.

2-121 DWNLOAD (Code Download)

Name:	CODE SERVER MODEM SPEED
Mand/Opt'l:	
Occurrences:	
Data Type:	SMALLINT
Default:	2 not null
Format:	
Constraint:	Check Code Server Modem Speed between 0 and 255
Description:	
Name:	REQUEST ROM EDITION VERS
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC X(7)
Default:	0 not null
Description:	
Name:	DOWNLOAD APPLICATION VERSION
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC X(4)
Default:	0 not null
Description:	
Name:	ACCESS RETRY TIMER
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC 9(4)
Default:	1500 not null
Description:	
Name:	ACCESS RETRY THRESHOLD
Mand/Opt'l:	
Occurrences:	
Data Type:	SMALLINT
Default:	5 not null

Constraint:	Check Access Retry Threshold between 0 and 255
Description:	The number of times the code server will attempt to call the code server.
Name:	TRANSFER RETRY TIMER
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC 9(4)
Default:	0500 not null
Description:	The period between retries if the initial data transfer is interrupted.
Name:	TRANSFER RETRY THRESHOLD
Mand/Opt'l:	
Occurrences:	
Data Type:	SMALLINT
Default:	10 not null
Constraint:	Check Transfer Retry Threshold between 0 and 255
Description:	The number of times the terminal will retry data transfer with the code server.
Name:	DOWNLOAD BLOCKS
Mand/Opt'l:	
Occurrences:	1
Data Type:	PIC X(64)
Default:	0 not null
Description:	The number of blocks of data that will be downloaded.
Name:	DOWNLOAD DAK
Mand/Opt'l:	
Occurrences:	1
Data Type:	PIC X(12)
Default:	“ ” not null

2-123 EXGDS (External GDS Line)

Description:	The security key used by the code server to identify legitimate requests.
Name:	SPARES
Mand/Opt'l:	
Data Type:	PIC X(52)
Default:	0 not null
Description:	Not used

EXGDS (External GDS Line)

Description:

This table identifies the GDS line to be used by the communications interface associated with the specified external validation process.

Estimated volume: 4 (2 per financial institution)

Primary key:

Process Name

Record length: 34

Fields:

Name:	PROCESS NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check Process Name <> “ ”
Description:	Identifies an external validation process.

Name: **FINANCIAL INSTITUTION**

Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null

Constraint:	Check Financial Institution > 0
Values:	Refer to Financial Institution in EXRESP table
Description:	
Name:	GDS LINE NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(24)
Default:	No default not null
Constraint:	Check GDS Line Name<> “ ”
Description:	Identifies the GDS line which will be used by this process.

EXMAP (External Data Mapping)

Description:

This table is used to translate:

- the data in the validation request sent from the terminal into the format required by the financial institution, and
- the data returned from the financial institution into the format required for the response to the terminal.

Estimated volume: 20

Primary key:

Financial Institution
Card Length
Ext Val Format Ind
Data Direction
Ext Val Trans Type
Inst Field Start Pos
Term Field Mnemonic

Record length: 21

2-125 EXMAP (External Data Mapping)

Fields:

Name:	FINANCIAL INSTITUTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Values:	Refer to Financial Institution in EXRESP table
Comments:	With Card Length, must exist on External Validation Parameters table.
Constraint:	Check Financial Institution> 0
Description:	
Name:	CARD LENGTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC9(2)
Default:	No default not null
Range:	1 - 20
Comments:	With Financial Institution, must exist on External Validation Parameters table.
Constraint:	Check Card Length Between 1 and 20
Description:	Identifies the length of the card number.
Name:	EXT VAL FORMAT IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Formatted "1" Unformatted
Constraint:	Check Ext Val Format Ind In ("0", "1")
Description:	Indicates the format type of the external request.

Name:	DATA DIRECTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	<p>"0" Data is being sent to the financial institution</p> <p>"1" Data is being received from the financial institution</p>
Constraint:	Check Data Direction In ("0", "1")
Description:	Used to group all the mappings required to either build the request record or to decipher the response record.
Name:	TERM FIELD MNEMONIC
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check Term Field Mnemonic<> " "
Description:	<p>Identifies:</p> <ul style="list-style-type: none"> a) fields in the terminal's request record or the Millennium Manager system, or b) fields in the Millennium Manager's authorization response to a terminal.
Name:	INST FIELD START POS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Units:	bytes
Range:	1 - 400
Constraint:	Check Inst Field Start Pos Between 1 and 400
Description:	Identifies the starting position of the data field in the request or response record.

2-127 EXMAP (External Data Mapping)

Name:	EXT VAL TRANS TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	0 not null
Description:	Indicates the format of external request to be built.
Name:	INST FIELD LENGTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Units:	bytes
Range:	1 - 400
Constraint:	Check Inst Field Length Between 1 and 400
Description:	Identifies the length of the data field in the request or response record.
Name:	DATA TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Values:	" " Fixed length "L" Varying data, length fixed, left justified "R" Varying data, length fixed, right justified "V" Variable length field
Constraint:	Check Data Type In (" ", "L", "R", "V")
Description:	Identifies the type of data specified by the institution field start position and institution field length.

EXRESP (External Authorization Response)

Description:

This table contains the response codes which can be received from each financial institution, and the action which should be taken for each response.

Estimated volume: 30

Primary key:

Financial Institution
Response Code

Record length: 10

Fields:
Name: FINANCIAL INSTITUTION

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC 9(2)

Default: No default not null

 Values:

1	American Express
2	Bank of Montreal
3	Royal Bank
4	SNET
5	UQAM
6	NaBANCO

Constraint: Check Financial Institution > 0

Description:

Name: RESPONSE CODE

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC X(3)

2-129 EXRESP (External Authorization Response)

Default:	No default not null
Description:	Identifies the possible response codes which can be returned by the financial institution. A space is considered a valid response.
Name:	TERMINAL ACTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Values:	0 Accept card 1 - 127 Reject card 128 - 255 Accept card
Constraint:	Check Terminal Action Between 0 and 255
Description:	Hex value to be returned to the terminal in response to the validation request.
Name:	EMS ERROR NUM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Description:	

EXVAL (External Validation Parameters)

Description:

This table contains parameters and defaults to be used when validating a card through an external financial institution.

Estimated volume: 4

Primary key:

Financial Institution
Card Length
Ext Val Trans Type
Ext Val Format Ind

Record length: 492

Fields:

Name:	FINANCIAL INSTITUTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Values:	Refer to Financial Institution in EXRESP table.
Constraint:	Check Financial Institution> 0
Description:	

Name:	CARD LENGTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	1 - 20
Constraint:	Check Card Length Between 1 and 20
Description:	Identifies the length of the card number.

2-131 EXVAL (External Validation Parameters)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	EXT VAL TRANS TYPE Optional 1 Numeric (4,0) unsigned 0 not null Indicates the format of external request to be built.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Constraint: Description:	EXT VAL FORMAT IND Mandatory 1 PIC X(1) No default not null "0" Formatted "1" Unformatted Check Ext Val Format Ind In ("0", "1") Indicates the format type of the external request.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	DEF TRANSACTION AMT Mandatory 1 PIC X(12) No default not null Check Def Transaction Amt<> “ “ Identifies the amount to send to the financial institution for validation. This field will be left-justified and packed on the right with spaces.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint:	DEF INTL TRANSACTION AMT Mandatory 1 PIC X(12) No default not null Check Def Intl Transaction Amt<> “ “

<p>Description:</p>	Identifies the amount to send to the financial institution for validation for international calls. This field will be left-justified and packed on the right with spaces.
<p>Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Range: Constraint:</p>	RESPONSE TIME THRESHOLD Mandatory 1 Numeric (5,0) unsigned No default not null 100ths of seconds 1 - 32767 Check Response Time Threshold Between 1 and 32767
<p>Description:</p>	Identifies the maximum time for the financial institution to respond to the Millennium Manager's authorization request.
<p>Name: MAND/OPT'L: Occurrences: Data type: Default: Description:</p>	NO EXCEPTION RETRIES Optional 1 PIC 9(2) Not null Identifies the number of retries before performing the exception procedure.
<p>Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Range: Constraint:</p>	TIME BETWEEN RETRIES Mandatory 1 Numeric (5,0) unsigned No default not null 100ths of seconds 1 - 32767 Check Time Between Retries Between 1 and 32767

2-133 EXVAL (External Validation Parameters)

Description:	Identifies the amount of time to wait after an exception is detected, before attempting to retry the request.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	DEF ACTION ON EXCEPTIONS Optional 1 Numeric (4,0) unsigned Not null 0 Accept card 1 Reject card Hex value to be returned to the terminal when a validation exception occurs.
Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Range: Constraint: Description:	MAX X25 RESPONSE TIME Mandatory 1 Numeric (5,0) unsigned No default not null 100ths of seconds 1 - 32767 Check Max X25 Response Time Between 1 and 32767 Identifies the maximum amount of time to wait for a response from the financial institution over the X25 line.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	INST UNAVAIL START DT Mandatory 1 PIC 9(8) Not null YYYYMMDD Starting date of time period during which the financial institution will be unavailable for validation.

Name:	INST UNAVAIL START TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Inst Unavail Start Tm <= 235959
Description:	Starting time of time period during which the financial institution will be unavailable for validation.
Name:	INST UNAVAIL STOP DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Ending date of time period during which the financial institution will be unavailable for validation.
Name:	INST UNAVAIL STOP TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Inst Unavail Stop Tm <= 235959
Description:	Ending time of time period during which the financial institution will be unavailable for validation.

2-135 EXVAL (External Validation Parameters)

Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	DATA LAST MODIFIED DT Optional 1 PIC 9(8) Not null YYYYMMDD Date on which the data in the current record was last updated. This is used by the validation processes to determine whether to reprocess the response codes for the GDS IPC.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	DATA LAST MODIFIED TM Optional 1 PIC 9(6) Not null HHMMSS Time at which the data in the current record was last updated. This is used by the validation processes to determine whether to reprocess the response codes for the GDS IPC.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	RECORD LENGTH Mandatory 1 Numeric (4,0) unsigned No default not null 1 - 400 Check Record Length Between 1 and 400 Identifies the length of the authorization request record.
Name: Mand/Opt'l: Occurrences: Data type:	AUTH REQUEST RECORD Mandatory 1 PIC X(400)

Default:	No default not null
Constraint:	Check Auth Request Record<> “ “
Description:	Contains the template to be used when constructing the authorization request. It is a fixed length, left-justified record.

FDCASE (Fraud Case)

Description:

This table contains information indicating potentially fraudulent card usage and what action to take on the card when the threshold has been met.

Estimated Volume: 16 (one per reason code)

Primary Key:

Reason Code

Record length: 20

Fields:

Name:	REASON CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Constraint:	Check Reason Code<> “ “
Description:	This uniquely identifies fraud test case. The reason code is a four letter abbreviation of test case.
Values:	See list below

2-137 FDCASE (Fraud Case)

Reason Code	Description
CAT1 . . . 4	Values 1..4 for International Call Authorization requested to a hotlisted country for specific card reference numbers
CST1 . . . 4	Cost of Calls Values 1..4
IAT	Number of International Attempts Timer 1
IAT2	Number of International Attempts Timer 2
IDUR	Duration International Calls
NAT1	Number of Non-International Attempts Timer 1
NAT2	Number of Non-International Attempts Timer 2
NDUR	Duration Non-International Calls
NSIM	Simultaneous Calls
NTRM	Number of Different Terminals Call Attempts Made

Name:	WARNING THRESHOLD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Units:	Count, Duration in minutes, Amount in dollars, Card Reference Numbers.
Comment:	When a card reaches the warning threshold a warning is issued for it. For the CAT1 . . . 4 reason codes, no warning is issued. For the NTRM reason code, the maximum value must not be greater than 6.

Description:	Indicates the value where card usage activity is first logged as suspicious. For the CAT1 . . .4 reason codes, indicates the Card Reference Number to be checked.
Name:	HOTLIST THRESHOLD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Units:	Count, Duration in minutes, Amount in dollars.
Comment:	When a card reaches the hotlist threshold a warning is issued for it. The activity level will be logged and if the hotlist indicator is set the card will be hotlisted. For the NTRM reason code, the maximum value must not be greater than 6.
Description:	Indicates the value where card usage is suspended (hotlisted) because of suspicious activity.
Name:	CHECK IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" No "1" Yes
Comments:	When zero, this test case is not executed.
Constraint:	Check Check Ind In ("0", "1")
Description:	This indicates whether to check this particular case.

2-139 FDCASE (Fraud Case)

Name:	HOTLIST IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" No "1" Yes
Comments:	When zero, the card is not hotlisted when the hotlist threshold is exceeded.
Constraint:	Check Hotlist Ind In ("0", "1")
Description:	Indicates if the card is to be hotlisted.
Name:	ACTION ON WARNING IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" SQL Table only "1" SQL Table and System Alarm
Comments:	When zero, no warning message is sent to EMS.
Constraint:	Check Action On Warning Ind In ("0", "1")
Description:	Indicates that a system alarm should be generated when the warning threshold is met.
Name:	ACTION ON HOTLIST IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" SQL Table only "1" SQL Table and System Alarm
Comments:	When zero, no hotlist message is sent to EMS.
Constraint:	Check Action On Hotlist Ind In ("0", "1")
Description:	Indicates that a system alarm should be generated when the hotlist threshold is met.

Name:	TIME INTERVAL
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	23595999
Description:	The time duration for the Hotlist/Warning action threshold. Indicates the interval of time in which the usage data is collected and compared against threshold values. Collected data is purged each time the interval expires.

FDLOG (Fraud Log)

Description:

This log contains the card numbers suspected of being used in a fraudulent manner.

Estimated Volume: 5,000

Primary Key:

Card Number
Entry Date
Entry Time

Record length: 40

Fields:

Name:	CARD NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null

2-141 FDLOG (Fraud Log)

Comments:	The card number that was suspected of being used in a fraudulent manner.=
Constraint:	Check Card Number <> “ ”
Description:	
Name:	ENTRY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Constraint:	Check Entry Date <> 0
Description:	Date on which the card number was suspected of being used in a fraudulent manner.
Name:	ENTRY TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Range:	000000 - 235959
Description:	Time at which the card number was suspected of being used in a fraudulent manner.
Name:	REASON CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Constraint:	Check Reason Code <> “ ”
Description:	This uniquely identifies fraud test case. The reason code is a four letter abbreviation of test case (see FDCASE). Refer to the reason code field in the FDCASE table for a list of valid code with descriptions

Name:	HOT WARN THRESHOLD MET IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Warning "1" Hotlist
Constraint:	Check Hot Warn Threshold Met Ind In ("0", "1")
Description:	This indicates if the hotlist or warning threshold has been met.
Name:	HOTLIST SET IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" No "1" Yes
Constraint:	Check Hotlist Set Ind In ("0", "1")
Description:	Indicates if this card was hotlisted. This is a number the terminal uses to determine what a carrier number is (950, 10xxx, and so on).

FEATRI (Inmate Feature)

Description:

This table contains the configurations of Feature Configuration and Call Options which may be associated with any number of terminals in a telco. These configurations may be downloaded only to Inmate terminals.

Primary Key:

Telco ID
Configuration ID

Record length: 212

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Data type:	PIC X(2)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Data type:	PIC X(6)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Configuration ID <> “ ”
Description:	Unique name of an individual record.

Name:	Description
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Space reserved for comments.

Name:	PIN STRATEGY
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Range:	0 to 255
Constraint:	Check PIN Strategy Between 0 and 255
Description:	Source of PIN number (None - no PINs used, Card = PIN cards, Manual = manual entry only)
Name:	PIN LENGTH
Mand/Opt'l:	Optional
Data type:	Smallint
Range:	0 to 255
Default:	7 not null
Constraint:	Check PIN Length Between 0 and 255
Description:	Length of PIN number.
Name:	RECORDER PRESENT FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	Indicates if calls are being recorded or not.
Name:	RECORDING CODE (1-6)
Mand/Opt'l:	Optional
Data type:	PIC X(2)
Default:	Spaces not null
Description:	What action should be taken through calls.
Name:	AO SPECIAL CODE
Mand/Opt'l:	Optional
Data type:	PIC X(3)
Default:	Spaces not null
Description:	Automated operator PIN prefix.

2-145 FEATRI (Inmate Feature)

Name:	DATACALL PROMPT IND
Mand/Opt'l:	Optional
Data type:	Smallint
Range:	0 to 255
Default:	2 not null
Constraint:	Check Datacall Prompt Ind Between 0 and 255
Description:	Type of message prompt.
Name:	ANSWERED PROMPT IND
Mand/Opt'l:	Optional
Data type:	Smallint
Range:	0 to 255
Default:	3 not null
Constraint:	Check Answered Prompt Ind Between 0 and 255
Description:	Type of answer prompt.
Name:	CYCLIC PROMPT IND
Mand/Opt'l:	Optional
Data type:	Smallint
Range:	0 to 255
Default:	0 not null
Constraint:	Check Cyclic Prompt Ind Between 0 and 255
Description:	Indicates if message prompts should be cycled.
Name:	CYCLIC REPEAT TIME
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	60 not null
Description:	Time in which message prompts should be repeated during cycle (seconds).
Name:	ZPLUS DATA CALL FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	Indicates if Data Call is enabled or disabled.

Name: Mand/Opt'l: Data type: Default: Description:	ZPLUS PIN FLAG Optional PIC X(1) 0 not null Indicates if PIN is required.
Name: Mand/Opt'l: Data type: Default: Description:	ZPLUS BONG CODE FLAG Optional PIC X(1) 0 not null Indicates if there is a PIN prefix Bong code.
Name: Mand/Opt'l: Data type: Default: Description:	ZPLUS BONG PIN FLAG Optional PIC X(1) 0 not null Indicates if there is a Bong for PIN spill.
Name: Mand/Opt'l: Data type: Default: Description:	ZPLUS ANSWER BONG FLAG Optional PIC X(1) 0 not null Indicates if there is Bong for answer Supervision.
Name: Mand/Opt'l: Data type: Default: Description:	ZPLUS FLAG BIT (5-7) Optional PIC X(1) 0 not null
Name: Mand/Opt'l: Data type: Default: Description:	ZPLUS DEF RECORDING IND Optional Smallint 1 not null Index to recording control.

2-147 FEATRI (Inmate Feature)

Name:	ACC DATA CALL FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	Indicates if Data Call is enabled or disabled.
Name:	ACC PIN FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	Indicates if PIN is required.
Name:	ACC FLAG BIT (2-7)
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	
Name:	ACC DEF RECORDING IND
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	1 not null
Description:	Index to recording control.
Name:	FREE FLAG BIT0
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	
Name:	FREE PIN FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not used
Description:	Indicates if PIN is required for a free call.

Name: Mand/Opt'l: Data type: Default: Description:	FREE FLAG BIT (2-7) Optional PIC X(1) 0 not null Not used
Name: Mand/Opt'l: Data type: Default: Description:	FREE DEF RECORDING IND Optional Smallint 1 not null Index to recording control.
Name: Mand/Opt'l: Data type: Default: Description:	REPDIAL PIN REQ FLAG Optional PIC X(1) 0 not null Indicates if PIN is required.
Name: Mand/Opt'l: Data type: Default: Description:	MISC AS FLAG Optional PIC X(1) 0 not null Indicates if answer Supervision is required.
Name: Mand/Opt'l: Data type: Default: Description:	MISC NCC REQ FLAG Optional PIC X(1) 0 not null Indicates if Millennium Manager validation is required.
Name: Mand/Opt'l: Data type: Default: Format	MISC REJECT PROMPT FLAG Optional PIC X(1) 0 not null 0 = generic prompt 1 = specific prompt

2-149 FEATRI (Inmate Feature)

Description:	Indicates the type of rejection for a call.
Name: Mand/Opt'l: Data type: Default: Description:	MISC FLAG BIT (3-7) Optional PIC X(1) 0 not null Not used
Name: Mand/Opt'l: Data type: Default: Description:	NON ZP CALL EST TIMER Optional Smallint 5 not null Time in units of 10 milliseconds.
Name: Mand/Opt'l: Data type: Default: Description:	ZP CALL EST TIMER Optional Smallint 10 not null Time in units of 10 milliseconds.
Name: Mand/Opt'l: Data type: Default: Description:	ZP ENABLE KEYPAD TIMER Optional Smallint 60 not null Time in units of 10 milliseconds.
Name: Mand/Opt'l: Data type: Default: Description:	ZP NO EXPECT BONG TIMER Optional Smallint 2 not null Time in units of 10 milliseconds.
Name: Mand/Opt'l: Data type: Default: Description:	ZP EXPECT BONG TIMER Optional Smallint 2 not null Time in units of 10 milliseconds.

Name:	SPARE TIMER1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Not used.
Name:	FIRST WARNING TIME
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	60 not null
Description:	Time in units of 10 seconds.
Name:	SECOND WARNING TIME
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	10 not null
Description:	Time in units of 10 seconds.
Name:	SPARE (1-20)
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	For future use

FEATRU (Universal Feature Configuration Table)

Description:

This table contains the configurations of Feature Configuration and Call Options which may be associated with any number of terminals in a telco. The configurations may be downloaded to all terminal types except Card V1.0.

Estimated Volume: 5

Record length: 34

Primary Key:

Telco ID
Configuration ID
Terminal TYPE

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

Name:	TERMINAL TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	2 not null
Constraint:	Check Terminal Type > 0
Comments:	Corresponds to the same Terminal Type which is used in the Terminal Control table.
Description:	
Name:	DISPLAY PRESENT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No "1" Yes
Constraints:	Check Display Present <> " "
Comments:	If value is "0", Advertising Enabled should be "0".
Description:	Indicates whether a Visual display is present on the terminal.
Name:	NO FOLLOW ON CALL ATTEMPTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	5 not null
Description:	This indicates the maximum number of Follow-on calls which can be made by one user without requiring re-insertion and re-validation of card.
Name:	CARD AUTH ON LOCAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null

2-153 FEATRU (Universal Feature Configuration Table)

Values:	“0” No Card Authorization Required “1” Card Authorization Required
Constraint:	Check Card Auth On Local Calls<> “ ”
Description:	Indicates whether it is necessary for the terminal to validate a card for local calls.
Name:	DELAYED CARD AUTHORIZATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” Card Auth immediately after valid card inserted “1” Card Auth after both card and telephone number entered
Constraint:	Check Delayed Card Authorization<> “ ”
Description:	Indicates when to perform card authorization.
Name:	CARD AUTH ON MCE LOCAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No Card Authorization Required “1” Card Authorization Required
Constraint:	Check Card Auth On MCE Local Calls<> “ ”
Description:	Indicates whether it is necessary for the terminal to validate MCE local calls.
Name:	NO NPA ADDED ZP LOCAL ACCS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” NPA added “1” NPA not added

Constraint:	Check No NPA Added ZP Local ACCS In ("0", "1")
Description:	
Name:	CARD AUTH BIT 4-6
Mand/Opt'l:	Optional
Occurrences:	3
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No Card Authorization Required "1" Card Authorization Required
Constraint:	Check Card Auth Bit 4 In ("0", "1") Check Card Auth Bit 5 In ("0", "1") Check Card Auth Bit 6 In ("0", "1")
Description:	For future use
Name:	IMMED MCE CARD AUTH
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Immediately MCE Card Authorization Required "1" Wait for Called Number
Constraint:	Check Immed MCE Card Auth In ("0", "1")
Description:	Indicates whether it is necessary for the terminal to validate immediately an MCE manually-entered card number or wait for the called number to be dialed before validating the card.
Name:	ACCS AVAILABLE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No "1" Yes

2-155 FEATRU (Universal Feature Configuration Table)

Constraint:	Check ACCS Available <> “ “
Description:	Indicates whether ACCS is available for card validation.
Name:	MCE ROUTING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” Routed to Millennium Manager “1” Routed to ACCS
Comments:	If “1”, terminal will prefix with “0” if not already there. Terminals prior to MSR 1.7 used field as Local Calls on ACCS
Constraint:	Check MCE Routing <> “ “
Description:	Indicates if the MCE manually dialed card validation is routed via Millennium Manager or ACCS
Name:	MANUAL DIALED CARD NUM ENABLED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Manual Dialed Card Num Enabled In (“0”, “1”)
Description:	Indicates whether manually dialed calling card digits are buffered by the terminal for automatic download to ACCS when using next call.
Name:	MANUALLY DIALED NCC VALID REQ
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null

Values:	"0" No "1" Yes
Constraint:	Check Manually Dialed NCC Valid REQ In ("0", "1")
Description:	Indicates if Millennium Manager validation is required for manually dialed cardnumbers(1) or validation is not required(0).
Name:	AOS ENABLED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check AOS Enabled In ("0", "1")
Description:	Indicates if Automated Operator Services (AOS) is enabled (1) or disabled(0).
Name:	ZERO PLUS LOCAL CALLS TO NCC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Terminal will do a 0 to 1 conversion. "1" Terminal will strip off leading 0 or 1.
Constraint:	Check Zero Plus Local Calls To NCC In ("0", "1")
Description:	
Name:	ACCS INFO BIT 6
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes

2-157 FEATRU (Universal Feature Configuration Table)

Constraint:	Check ACCS Info Bit 6 In ("0", "1")
Description:	
Name:	REMOVE NPA ZP LOCAL NCC CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	<p>"0" Terminal will not remove NPA</p> <p>"1" Terminal will remove NPA from 0+ NPA + TD calls</p>
Constraint:	Check Remove NPA ZP Local NCC Calls In ("0", "1")
Description:	Remove NPA on Local Calls (Note: a value of yes indicates that the terminal is to remove the NPA from 0+NPA+7D local calls.)
Name:	CALL MODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	<p>"0" Ringing Disabled, no answering of incoming data calls</p> <p>"1" Ringing Enabled, answering voice calls only</p> <p>"2" Ringing Disabled, answering as data call immediately</p> <p>"3" Ringing Enabled, answering data call after specified number of rings</p>
Constraint:	Check Call Mode <> "
Description:	Indicates to the terminal how it should handle incoming calls.

Name:	INCOMING CALL DIGIT OUTPULSE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Values:	0 Feature Disabled Non-zero Feature Enabled
Constraints:	Check Incoming Call Digit Outpulse Between 0 and 255
Description:	The digit the terminal automatically sends to the switch when it receives an incoming call.
Name:	RATING FLAGS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	0 not null
Range:	0 - 255
Constraint:	Check Rating Flags Between 0 and 255
Description:	Determines the type of set-based rating.
Name:	DIAL AROUND TIMER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	0 not null
Range:	0 - 255 in milliseconds
Values::	0= disabled
Constraint:	Check Dial Around Timer Between 0 and 255
Description:	When making a dial around call, indicates the amount of time a caller needs to hold down the # before receiving dial tone. 0 = disabled.

2-159 FEATRU (Universal Feature Configuration Table)

Name:	SPARE F-H
Mand/Opt'l:	Optional
Occurrences:	6
Data type:	Numeric (3,0)
Default:	0 not null
Range:	0 - 255
Constraint:	<p>Check Spare F Between 0 and 255 Check Spare G Between 0 and 255 Check Spare H Between 0 and 255</p> <p>Spare F is the fixed call duration length. Spare G is the index to the Call Screening List to acquire the AOS access number for Interlata calls. Spare H is the index to the Call Screening List to acquire to AOS access number for International calls.</p> <p>SPARE G is to be renamed AOS INTERLATA ACCESS in a future release. This will be an index to the Call Screening List to acquire an AOS access number for InterLATA calls.</p> <p>SPARE H is to be renamed AOS INTERNTL ACCESS in a future release. This will be an index to the Call Screening List to acquire an AOS access number for International calls.</p>
Name:	SPARE I-J
Mand/Opt'l:	Optional
Occurrences:	6
Data type:	Numeric (3,0)
Default:	0 not null
Range:	0 - 255
Description:	<p>Check Spare I Between 0 and 65535 Check Spare J Between 0 and 65535</p> <p>For future use</p>

Name:	IN SERVICE ON CDR LIST FULL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check In Service On CDR List Full In ("0", "1")
Description:	Flag used to determine whether the terminal will remain in service (1) or not in service (0) when the CDR list is full.
Name:	CARD TERM RATE DISPLAY OPTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Card Term Rate Display Option In ("0", "1")
Description:	Flag used to indicate if the card terminal will display an initial rate. To be renamed TERM RATE DISPLAY OPTION in a future release, to reflect the fact it is applicable to all terminals, not just card.

2-161 FEATRU (Universal Feature Configuration Table)

Name:	INCOMING CALL FCA PRECEDENCE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Incoming "1" FCA
Constraint:	Check Incoming Call FCA Precedence In ("0", "1")
Description:	Flag used to tell the terminal which takes precedence, an incoming call (0) or an FCA/smart card alert(1).
Name:	FCA ON CARD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check FCA On Zero Value Card In ("0","1");
Description:	Flag used to tell the terminal whether the FCA /smart card alert will sound (1) or not sound (0), for a zero-value cash card.
Name:	REVERT TO PRIMARY NCC NUM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not nnull
Values:	"0" No "1" Yes
Constraint:	Check Revert To Primary NCC Num In ("0", "1")
Description:	If set, the terminal will revert to the primary Millennium Manager number at the call-in time if the terminal is currently using the secondary number.

Name:	MISC FLAGS BIT 5-7
Mand/Opt'l:	Optional
Occurrences:	3
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Misc Flags Bit 5 In ("0", "1") Check Misc Flags Bit 6 In ("0", "1") Check Misc Flags Bit 7 In ("0", "1")
Description:	MISC BIT 5 will be renamed BLOCK NO RATE CARRIER in a future release. MISC BIT 6 will be renamed RATED CREDIT CARD CDR in a future release. MISC BIT 7 will be renamed 11 DIGIT LOCAL CALLS in a future release
Name:	DATAJACK DISPLAY DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	15 not null
Range:	0 - 255
Constraint:	Check Datajack Display Delay Between 0 and 255
Description:	Time in seconds. Indicates the time the terminal will delay before displaying the datajack prompt.
Name:	SPARE FIELD 5
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(12)
Default:	0 not null
Description:	For future use

2-163 FEATRU (Universal Feature Configuration Table)

Name:	ADVERT ENABLED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No "1" Yes
Comments:	Should be "0" if Display Present is "0".
Constraint:	Check Advert Enabled <> " "
Description:	Indicates whether Advertising is enabled on the terminal.
Name:	REP DIALER ADVERTISING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Rep Dialer Advertising In ("0", "1")
Description:	Indicates if Rep Dialer/quick access key Advertising is enabled("1") or disabled("0").
Name:	CALL ESTABLISHED ADVERTISING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Call Established Advertising In ("0", "1")
Description:	Indicates if Call Established Advertising is enabled("1") or disabled("0").

Name:	ENABLE DATE TIME DISPLAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Enable Date Time Display In ("0", "1")
Description:	Indicates if date-time display is enabled.
Name:	TIME FORMAT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" 24 hour display "1" 12 hour display
Constraint:	Check Time Format In ("0", "1")
Description:	Indicates what format date and time display will appear in.
Name:	ADVERTISING FLAGS BIT (5-7)
Mand/Opt'l:	Optional
Occurrences:	3
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Advertising Flags Bit 5 In ("0", "1") Check Advertising Flags Bit 6 In ("0", "1") Check Advertising Flags Bit 7 In ("0", "1")
Description:	Not used

2-165 FEATRU (Universal Feature Configuration Table)

Name:	NUMBER OF LANGUAGES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	0 not null
Range:	0 - 255
Constraint:	Check Number of Languages Between 0 and 255
Description:	Indicates how many languages are supported by the terminal.
Name:	LANGUAGE A
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Value:	1 = English 2 = French 3 = Spanish 4 = Japanese
Comments:	Must exist on Language table.
Description:	Indicates the first language of the terminal, and for MTR 2.0 and later, indicates the default language of the terminal.
Note:	The data in Language A and B will be compressed into Scroll Language AB for firmware according to the interface specification.

Name:	LANGUAGE B
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Comments:	Must exist on Language table.
Description:	Indicates the second language of the terminal.
Note:	The data in Language A and B will be compressed into Scroll Language AB for firmware according to the interface specification.
Name:	LANGUAGE C
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Comments:	
Description:	Not currently used.
Name:	LANGUAGE D
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Comments:	
Description:	Not currently used.
Name:	DEFAULT LANGUAGE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Values:	1 Language 1 2 Language 2 3 Language 3 4 Language 4
Default:	No default not null

2-167 FEATRU (Universal Feature Configuration Table)

Description:	Bit number in the Languages field that indicates which language is the default, for terminal vintage MTR 1.9 and earlier. Not used after 1.9.
Name:	DISPLAY CALLED NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Don't display "1" Display
Constraint:	Check Display Called Number In ("0", "1")
Description:	Indicates whether or not to display the called number.
Name:	ENABLE SERVLEV DISP FLASHING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Enable Servlev Disp Flashing In ("0", "1")
Description:	Determines if the degraded service prompts flash (1) or display solid (0).

Name:	CALL SETUP PARAMS BIT (2-6)
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Call Setup Params Bit 2 In ("0", "1") Check Call Setup Params Bit 3 In ("0", "1") Check Call Setup Params Bit 4 In ("0", "1") Check Call Setup Params Bit 5 In ("0", "1") Check Call Setup Params Bit 6 In ("0", "1")
Description:	
Name:	SUPPRESS CALLING PROMPT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Don't suppress "1" Suppress
Constraint:	Check Suppress Calling Prompt In ("0", "1")
Description:	Indicates whether Calling prompt displays while the terminal is dialing out.
Name:	DTMF DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	8 not null
Units:	10 msec increments
Range:	0 - 255
Constraint:	Check DTMF Duration Between 0 and 255
Description:	Indicates the length of time of a key press.

2-169 FEATRU (Universal Feature Configuration Table)

Name:	INTER DIGIT PAUSE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	8 not null
Units:	10 msec increments
Range:	0 - 255
Constraint:	Check Interdigit Pause Between 0 and 255
Description:	Indicates the period between key presses.
Name:	SPARE K
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Spare K Between 0 and 255
Description:	For future use
Name:	COIN CALL OVERTIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Coin Call OverTime <> “ “
Description:	Indicates whether an overtime period on coin calls is allowed for the user to insert coins to extend call duration.

Name:	VOICE FEEDBACK ON COIN CALL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No "1" Yes
Constraint:	Check Voice Feedback On Coin Call<> " "
Description:	Indicates whether voice feedback is provided on coin calls.
Name:	COIN CALL SECOND WARNING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No "1" Yes
Constraint:	Check Coin Call Second Warning <> " "
Description:	Indicates whether the second warning is enabled for coin calls.
Name:	COIN CALL FEATURES BIT (3-7)
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Coin Call Features Bit 3 In ("0", "1") Check Coin Call Features Bit 4 In ("0", "1") Check Coin Call Features Bit 5 In ("0", "1") Check Coin Call Features Bit 6 In ("0", "1") Check Coin Call Features Bit 7 In ("0", "1")
Description:	Not used.

2-171 FEATRU (Universal Feature Configuration Table)

Name:	COIN CALL OVERTIME PERIOD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	5 not null
Units:	seconds
Range:	0 - 32767
Constraint:	Check Coin Call Overtime Period Between 0 and 32767
Description:	Time after indicated expiry of coin call before call is disconnected. This overtime period allows the user additional time to enter more coins to extend the duration of the call. The user is not billed for this additional time if they fail to enter more coins.
Name:	COIN CALL POTS TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	120 (2 minutes) not null
Units:	seconds
Range:	0 - 32767
Constraint:	Check Coin Call POTS Time Between 0 and 32767
Description:	Time after supplementary power is lost on a coin call before it is disconnected (while in fail to POTS mode).

Name:	MIN INTL CALL DIGITS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	5 not null
Range:	0 - 255
Constraint:	Check Min Intl Call Digits Between 0 and 255
Description:	This does not include 01 or 011. Indicates the minimum number of digits required for an international call.
Name:	DEFLT RATE REQ PAYMENT TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	3 not null
Range:	2-16
Constraint:	Check Deflt Rate Req Payment Type Between 2 and 16
Description:	Contains the default payment type used in the rate request before the caller chooses a payment type.
Name:	MODIFIED TIMESTAMP
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (18,0) signed
Default:	0 not null
Description:	
Name:	PACKED TIMESTAMP
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (18,0) signed
Default:	0 not null
Description:	

2-173 FEATRU (Universal Feature Configuration Table)

Name:	NEXT CALL REVALIDATION FREQ
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0
Range:	0 - 99
Constraint:	Check Next Call Revalidation Freq Between 0 and 99
Description:	Indicates the number of follow on calls that can be made before a card needs to be revalidated.
Name:	CUTOFF ON DISC DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	45 not null
Units:	10 msec increments
Range:	0 - 255
Constraint:	Check Cutoff On Disc Duration Between 0 and 255
Description:	The maximum duration of a C.O. line break before the terminal will disconnect the call.
Name:	CDR UPLOAD TIMER INTL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 - Disabled not null
Units:	seconds
Description:	International Call Detail Record Upload timer. Indicates the amount of time after the CDR is created before it will automatically upload.

Name:	CDR UPLOAD TIMER NONINTL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 - Disabled not null
Units:	seconds
Description:	Non-International Call Detail Record Upload timer. Indicates the amount of time after the CDR is created before it will automatically upload.
Name:	PERF STAT DIALOG FAIL THRESHLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Values:	0 - Disabled
Constraint:	Check Perf Stat Dialog Fail Threshld Between 0 and 255
Description:	Indicates the number of dialog failures before the performance statistics message will be sent up at its regular time. Otherwise the terminal will not send up this message.

2-175 FEATRU (Universal Feature Configuration Table)

Name:	CO LINE CHK FAIL THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Values:	0 - Disabled
Constraint:	Check CO Line Check Fail Threshold Between 0 and 255
Description:	Indicates the number of C.O. Line Check Failures before the terminal takes itself out of service and sends an alarm.
Name:	ALT NCC DIALOG FAIL THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Values:	0 - Disabled
Constraint:	Check Alt NCC Dialog Fail Threshold Between 0 and 255
Description:	The number of dialog failures before an alternate Millennium Manager number is called.
Name:	DIALOG FAIL TILL OUT OF SERVICE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255

Values:	0 - Disabled
Constraint:	Check Dialog Fail Till Out Of Service Between 0 and 255
Description:	The number of dialog failures before the terminal goes out of service.
Name:	DIALOG FAIL TILL ALARM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Values:	0 - Disabled
Constraint:	Check Dialog Fail Till Alarm Between 0 and 255
Description:	The number of dialog failures until an alarm is issued.
Name:	SMART CARD FLAGS BIT 0
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraints:	Check Smart Card Flag Bit 0 In ("0", "1")
Description:	
Name:	SC VALID INTERNATIONAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check SC Valid International Calls In ("0", "1")
Description:	

2-177 FEATRU (Universal Feature Configuration Table)

Name:	SC VALID INTER LATA CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check SC Valid Inter Lata Calls In ("0", "1")
Description:	
Name:	SC VALID INTRA LATA CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check SC Valid Intra Lata Calls In ("0", "1")
Description:	
Name:	SC VALID LOCAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check SC Valid Local Calls In ("0", "1")
Description:	
Name:	POST PAYMENT RATE REQUEST
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null

Values:	"0" No "1" Yes
Constraint:	Check Post Payment Rate Request In ("0", "1")
Description:	If the payment type chosen is different than the type used by the rate request, turning on this flag will trigger a second rate request.
Name:	USE TERMINAL CARD TABLE DEF
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Use Terminal Card Table Def In ("0", "1")
Description:	
Name:	RATE INFO NOT DISPLAYED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Rate Info Not Displayed In ("0", "1")
Description:	
Name:	MANUAL DIALED CARD MAX DIGITS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	14 not null
Constraint:	Check Manual Dialed Card Max Digits Between 0 and 255
Description:	Maximum digits allowed for manually dialed card numbers.

2-179 FEATRU (Universal Feature Configuration Table)

Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	CALL SCREEN LIST ZP AOS ENTRY Optional 1 Numeric (3,0) unsigned 0 not null 0 - 255 A pointer to the AOS number located in the call screening list.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Constraint: Description:	BLOCK REROUTE COIN CALL Optional 1 PIC X(1) 0 not null “0” Block “1” Re-route to default Check Block Reroute Coin Call In (“0”, “1”) Blocks (0) or redirects (1) invalid carrier coin calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Constraint: Description:	BLOCK REROUTE CREDIT CARD CALL Optional 1 PIC X(1) 0 not null “0” Block “1” Re-route to default Check Block Reroute Credit Card Call In (“0”, “1”) Blocks (0) or redirects (1) invalid carrier coin calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Constraint: Description:	BLOCK REROUTE SMART CARD CALL Optional 1 PIC X(1) 0 not null “0” Block “1” Re-route to default

Constraint:	Check Block Reroute Smart Card Call In ("0", "1")
Description:	Blocks (0) or redirects (1) invalid carrier coin calls.
Name:	BLOCK REROUTE CALL CARD CALL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Block "1" Re-route to default
Constraint:	Check Block Reroute Call Card Call In ("0", "1")
Description:	
Name:	CARRIER BLOCK REROUTE BIT (4-7)
Mand/Opt'l:	Optional
Occurrences:	4
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Block "1" Re-route to default
Constraint:	Check Carrier Block Reroute Bit 4 In ("0", "1") Check Carrier Block Reroute Bit 5 In ("0", "1") Check Carrier Block Reroute Bit 6 In ("0", "1") Check Carrier Block Reroute Bit 7 In ("0", "1")
Description:	Not used.
Name:	MANUAL DIALED CARD MIN DIGITS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	14 not null
Range:	0 - 255
Constraint:	Check Manual Dialed Card Min Digits Between 0 and 255
Description:	Minimum digits allowed for manually dialed card numbers.

2-181 FEATRU (Universal Feature Configuration Table)

Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	MAX TOTAL SMART CARD INSERTS Optional 1 Numeric (3,0) unsigned 10 not null 0 - 255 Check Max Total Smart Card Inserts Between 0 and 255 Maximum of total smart cards allowed to be inserted during a call.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	MAX DIFF SMART CARD INSERTS Optional 1 Numeric (3,0) unsigned 1 not null 0 - 255 Check Max Diff Smart Card Inserts Between 0 and 255 Maximum of different smart cards allowed to be inserted during a call.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	CALL SCREEN LIST ZM AOS ENTRY Optional 1 Numeric (3,0) unsigned 0 not null 0 - 255 Check Call Screen List ZM AOS Entry Between 0 and 255 Is a pointer to the AOS number located in the call screening list.

Name:	DATAJACK ENABLED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Datajack Enabled In ("0", "1")
Description:	Indicates whether terminal allows (1) or blocks (0) datajack calls.
Name:	DATAJACK MUTING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Muted after 2nd handset on hook. "1" Mute immediately after ## dialed.
Constraint:	Check Datajack Muting In ("0", "1")
Description:	Indicates when the handset is muted for a datajack call.
Name:	DATAJACK ALLOW FREE LOCAL CALL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Datajack Allow Free Local Call In ("0", "1")
Description:	Indicates whether local datajack call are free (1) or chargeable (0).

2-183 FEATRU (Universal Feature Configuration Table)

Name:	DATAJACK ALLOW DA CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Datajack Allow DA Calls In ("0", "1")
Description:	Indicates whether directory assistance calls are allowed during a datajack call.
Name:	DJ FLAGS BIT (4-7)
Mand/Opt'l:	Optional
Occurrences:	4
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check DJ Flags Bit 4 In ("0", "1") Check DJ Flags Bit 5 In ("0", "1") Check DJ Flags Bit 6 In ("0", "1") Check DJ Flags Bit 7 In ("0", "1")
Description:	Not used.
Name:	ONHOOK CRD PRSNT AU ALRM DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	500 (5 sec)
Range:	Between 0 and 65,535
Constraint:	Check Onhook Crd Prsent Au Alrm Delay Between 0 and 65535
Description:	See note below.

Note: Onhook Card Present Audio Timer Delay field not used by Visa terminal Time in 10 MSEC time units. Indicates period of time after the receiver is placed on-hook and the card is left in the card reader to when the smart card alarm is generated.

Name:	PSTCLL CRD PRSNT AU ALRM DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric(5,0) unsigned
Default:	100 (1sec) not null
Range:	Between 0 and 65,535
Constraint:	Check Pstcll Crd Prsent Au Alrm Delay Between 0 and 65535
Description:	Time in 10 MSEC time units. Indicates the period after a cann ends and before the smart card alert will sound.

Name:	CARD PRSNT AU ALRM DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	1000 (10 sec)
Range:	Between 0 and 65,535
Constraint:	Check Crd Prsent Au Alrm Delay Between 0 and 65535
Description:	Time in 10 MSEC time units. The period the smart card alert alarm will stay on.

Name:	AUDIO ALRM CADENCE ON TIMER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	50 (0.5 sec) not null
Range:	Between 0 and 65,535
Constraint:	Check Audio Alrm Cadence On Timer Between 0 and 65535

2-185 FEATRU (Universal Feature Configuration Table)

Description:	Time in 10 MSEC time units
Name:	AUDIO ALRM CADENCE OFF TIMER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	50 (0.5 sec) not null
Range:	Between 0 and 65,535
Constraint:	Check Audio Alrm Cadence Off TimeR Between 0 and 65535
Description:	Time in 10 MSEC time units
Name:	CARD READER BLCKD ALRM DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	300 (3 min) not null
Range:	Between 0 and 65,535
Constraint:	Check Card Reader Blocked Alrm Delay Between 0 and 65535
Description:	Time in 10-millisecond units.
Name:	IAS SETTLE TIME BEFORE AS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check IAS Settle Time Before AS Between 0 and 255
Description:	
Name:	IAS DOMESTIC GRACE PERIOD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned

Default:	0 not null
Range:	0 - 255
Constraint:	Check IAS Domestic Grace Period Between 0 and 255
Description:	
Name:	IAS OVERALL TIMER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check IAS Overall Timer Between 0 and 255
Description:	
Name:	IAS INTERNATIONAL GRACE PERIOD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check IAS International Grace Period Between 0 and 255
Description:	
Name:	DATAJACK SETTLE TIME BEFORE AS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Datajack Settle Time Before AS Between 0 and 255
Description:	

FREE (Free Call)

Description:

This table contains the configurations of denied and accepted calls which may be associated with terminals in a telco. The configurations may be downloaded to all terminal types. The first 30 numbers may be used for Card V1.0 terminals, 60 numbers may be used for terminal types 2 - 26 and 200 numbers may be used for terminal types 27 and later.

Estimated Volume: 20

Primary Key:

Telco ID
Configuration ID
Sequence No

Record length: 144

Alternate Key:

Telco ID
Configuration ID
Telephone NO

Index (Unique): FREE0

By: TELCO ID ,
CONFIGURATION ID ,
TELEPHONE NO

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on the Telco table.

Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	CHAR (6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	
Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Range:	1 - 60
Comments:	The first ten numbers are used in fail to POTS mode.
Description:	
Name:	TELEPHONE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(16)
Default:	No default not null
Comments:	Must contain numerics, “%” (multiple-character wildcard), or “?” (single-character wildcard).
Constraint:	Check Telephone No<> “ ”
Description:	
Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(80)

2-189 FREE (Free Call)

Default:	No default not null
Constraint:	Check Description <> “ ”
Description:	
Name:	FREE DENY IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” Not free “1” free
Constraint:	Check Free Deny Ind In (“0”, “1”)
Description:	Indicates whether this number corresponds to a denied call.
Name:	ANSWER SUPERVISION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” Unsupervised “1” Supervised
Constraint:	Check Answer Supervision In (“0”, “1”)
Description:	
Name:	KEYPAD ENABLE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Keypad Enable Ind In (“0”, “1”)

Description:	This field will enable the keypad immediately after the number has been outdialed to allow end to end signaling prior to receiving answer supervision (i.e., 1-800 DISA access).
Name:	FAIL TO POTS ONLY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Works in both regular and Fail to POTS mode "1" Works only in FTPM
Constraint:	Check Fail To POTS Only In ("0", "1")
Description:	Indicates whether this number is only free/not free when the terminal is in Fail-to-POTS mode.
Name:	TRANSMITTER MUTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Transmitter Muted In ("0", "1")
Description:	Indicates whether the transmitter is muted until answer supervision is detected.
Name:	TIMEOUT BEFORE DIALING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes

2-191 FREE (Free Call)

Constraint:	Check Timeout Before Dialing In ("0","1")
Description:	Indicates whether there is timeout the terminal dials out..
Name:	DENY CARD PYMNT IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Deny Card Pymnt Ind In ("0","1")
Description:	Used in conjunction with a denied call (call type = 13). Allows coin payment for call, but denies card payment.
Name:	FEATURE GROUP B NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Feature Group B Number In ("0","1")
Description:	Indicates a Feature Group B call. Feature Group B is a category of free access to the carrier network. It usually uses 1-800 or 950xxx.
Name:	CALL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	No default not null
Range:	0 - 255 (For values definition look in CALLTYP table)

Constraint:	Check Call Type Between 0 and 255
Description:	
Name:	RATE CARRIER INDEX
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	255 not null
Range:	0 - 255
Comments:	Reference to the RATE/CARRIER table. A value of 255 means there is no reference.
Constraint:	Check Rate Carrier Index Between 0 and 255
Description:	
Name:	DENY TO MDS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Values:	"0" No "1" Yes
Comments:	Indicates if a call is deny to MDS.
Constraint:	Check Deny To MDS In ("0", "1")
Description:	
Name:	DENY TO DATAJACK
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	Indicates if a call is deny to Datajack.
Constraint:	Check Deny To Datajack In ("0", "1")
Description:	

Name:	ALLOW IN RESTRICTED SERVICE
Mand/Opt'l:	
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Allow In Restricted Service In ("0", "1")
Description:	
Name:	TARGETED CDR RECORDING
Mand/Opt'l:	
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Targeted CDR Recording In ("0", "1")
Description:	
Name:	IDENT2 BIT (4- 15)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Ident 2 Bit 4 In ("0", "1") Similar constraints exist for Bits 5-15.
Description:	Bit 4 is Prefix Enable Bit 5 is Emergency Number Enable Bit 6 is Translation Flag. It enables the feature translation of numbers. It will be renamed TRANSLATION FLAG in a future release.

Name:	SPARE (1 -3)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 not null
Range:	0 - 255
Constraint:	Check Spare 1 Between 0 and 255 Check Spare 2 Between 0 and 255 Check Spare 3 Between 0 and 255
Description:	For future use

GRAPHIC (Graphic)

Description:

This table contains information on the text and bitmaps displayed on the terminals that support this table.

Estimated volume:

Primary Key:

Telco ID
Config ID

Record length: 19

Fields:

Name:	TELCO ID
Mand/Opt'l:	
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ “
Description:	

2-195 GRAPHIC (Graphic)

Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	CONFIG ID 1 PIC X(6) No default not null Check Config ID <> “ ” Together with the Telco ID, uniquely identifies this record. Specifies the configuration of screens used for this graphic configuration. Must exist in the GRPHSCR table and the GRPHBTN table.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	STATISTICS DURATION 1 Smallint unsigned 0 not null Number of days that statistics are gathered. If set to zero, the statistics are disabled.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	CONTROL FLAG 1 SMALL INT 1 not null Check Control Flag Between 0 and 255
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	OFF HOOK START SCREEN 1 Smallint 255 not null Check Off Hook Start Screen Between 0 and 255 This is the first screen displayed when the terminal goes off hook.

Name:	CALL ESTABLISHED SCREEN
Mand/Opt'l:	
Occurrences:	1
Data type:	Smallint
Default:	255 not null
Description:	Screen to display when answer supervision is received.
Name:	OFF-HOOK SCREEN DISPLAY DURN
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default	5 not null
Constraints	
Range:	0-255
Description:	Screen to display when user makes an entry error (pushed the wrong button).
Name:	SPARE
Mand/Opt'l:	
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Description:	Spare field for future use.

GRP (Group)

Description:

This table contains the groups used to organize terminals for downloading and table updates.

Estimated Volume: 1000**Primary Key:**

Telco ID
Region Code
Group ID

Record length: 51**Fields:**

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	With Region Code, must exist on Region table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	With Telco ID, must exist on Region table.
Constraint:	Check Region Code <> “ ”
Description:	

Name:	GROUP ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Comments:	Minimum of 3 characters must be entered.
Constraint:	Check Group ID <> “ ”
Description:	
Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Description <> “ ”
Description:	

GRPHBTN (Graphic Table Screen Entry Button Definition)

Description:

This table contains information about buttons defined for screens in a graphic configuration.

Estimated volume:

Primary Key:

- Telco ID
- Config ID
- Screen Entry Number
- Button Entry number

Record length: 44

2-199 GRPHBTN (Graphic Table Screen Entry Button Definition)

Fields:

Name:	TELCO ID
Mand/Opt'l:	
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	
Name:	CONFIG ID
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Config ID <> “ ”
Description:	Must exist in the GRAPHIC table and the GRPHSCR table.
Name:	SCREEN ENTRY NUMBER
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	No default not null
Constraint:	Check Screen Entry Number Between 1 and 24
Description:	Must exist in the GRPHSCR table.
Name:	BUTTON ENTRY NUMBER
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	Not null
Description:	With the Telco ID, Config ID and screen entry number, uniquely identifies this record.

Name:	BUTTON CUSTOMER NUMBER
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint unsigned
Range:	0-65,535
Default:	0 not null
Description:	Customer number for the button of the screen.
Name:	IDENTIFIER
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	0 not null
Constraint:	Check Identifier Between 0 and 255
Description:	Spare bit for future use. Bit 0: 0 - Not a free call. 1 - Free call Bit 1: Answer supervision 0 - Unsupervised 1 - Supervised Bit 2: Carrier Bit 3: Application launcher Bit 4: 0 - Transmitter unmuted. 1 - Transmitter muted until answer supervision detected. Bit 5: Disable/Enable key Bit 6: Information only Bit 7: Feature Group B number 0 - No 1 - Yes Feature Group B is a category of free access to the carrier network. It usually uses 1-800 or 950xxx.

2-201 GRPHBTN (Graphic Table Screen Entry Button Definition)

Name:	CALL TYPE¹
Mand/Opt'l:	
Occurrences:	1
Data type:	PIC 9(3)
Default:	No default not null
Constraint:	Check Call Type Between 0 and 255
Description:	Identifies the call type that will be used when this button is pressed.
Name:	ICON INDICATOR¹
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	255 not null
Constraint:	Check Icon Indicator Between 0 and 255
Description:	Indicates the icon to display beside one of the six buttons. A value of 255 means there is no icon.
Name:	RATE TABLE INDEX
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	255 not null
Range :	0-255
Constraint:	Check Rate Table Index Between 0 and 255
Description:	Reference to the Rate or Carrier table. A value of 255 means there is no reference. 0 = Rate table, 1 = Carrier table
Name:	DIGIT ARRAY¹
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(16)
Default:	Not null

Description:	The telephone number that will be dialed if this button is pressed. First digit – most significant byte (bits 4-7).
Name:	NEXT SCREEN¹
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	255 Not null
Constraint:	Check Next Screen Between 0 and 255
Description:	Identifies which screen, within the screen configuration ID that uses this button configuration, is to be displayed next. Next screen (4) or application (3) if button selected.

GRPHSCR (Graphic Table Screen Entry)

Description:

This table contains information on the screens within a graphic configuration.

Estimated volume:

Primary Key:

Telco ID
Config ID
Screen entry number

Record length: 1084

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)

2-203 GRPHSCR (Graphic Table Screen Entry)

Default:	No default not null
Constraint:	Check Telco ID <> “ “
Description:	
Name:	CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Config ID <> “ “
Description:	Must exist in the GRPHIC table and the GRPHBTN table.
Name:	SCREEN ENTRY NUMBER
Mand/Opt'l:	
Occurrences:	
Data type:	Smallinit
Default:	No default not null
Constraint:	Check Screen Entry Number Between 1 and 24
Description:	Together with the Telco ID and the Configuration ID, uniquely identifies this record.
Name:	SCREEN TYPE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(1)
Default:	No default not null
Constraint:	Check Screen Type In (“T”, “B”, “M”)
Description:	Identifies whether this screen entry contains text data or bitmap data. T = text data B = bitmap

Name:	SCREEN DATA
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(1044)
Default:	No default not null
Description:	BMP/text, depending on the screen type. = "T": 54 lines X 19 characters (null terminated) = "B": BMP string of (72*116/8) bytes. = "M": Mixed mode nine lines x 19 characters AS four lines x 19 Characters one line x 19 Label one line x 19 Spaces one line x 19 Label one line x 19 Spaces one line x 19 Label one line x 19 Button definitions +6
Name:	DISPLAY TIME
Mand/Opt'l:	
Occurrences:	1
Data type:	Smallint unsigned
Default:	0 not null
Description:	Time, in 10-millisecond increments, for displaying this screen entry.
Name:	FLASH RATE TIMER
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	0 not null
Description:	Bit 0->3 = advertising attributes Bit 0 = Permanent Bit 1 = Flashing (on/off, equal cycles)

2-205 GRPHSCR (Graphic Table Screen Entry)

Bit 2 = Flashing (on/off, alternating with next message)
Bit 3 = Scrolling in
Bit 4 = Scrolling out (Blanks scrolled in)
Bit 5 = Scrolling in, then out
Bit 4 = Reverse
Bit 5 = Spare
Bit 6 = Blank before doing operation
Bit 7 = Spare

Name:	DIRECTNL ENTR EXIT LOOPS
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(16)
Default:	No default not null
Description:	Each position in the string, which is stored in hex format, represents the direction to display the following: Position 1 – Entrance loop 1 Position 2 – Entrance loop 2 Position 3 – Entrance loop 3 Position 4 – Entrance loop 4 Position 5 – Exit loop 1 Position 6 – Exit loop 2 Position 7 – Exit loop 3 Position 8 – Exit loop 4 Valid values for each position 0 – Left to right 1 – Right to left 2 – Top to bottom 3 – Bottom to top

Name:	SCREEN CUSTOMER NUMBER
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint unsigned
Default:	0 not null
Description:	Customer number for the screen. ¹
Name:	NEXT SCREEN
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	255 not null
Constraint:	Check Next Screen Between 0 and 255
Description:	Identifies which screen within the configuration ID is to be displayed next. ⁴
Name:	CALL ESTAB SCREEN PTR
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	255 not null
Description:	See note 4.
Name:	SPARE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(2)
Default:	No default not null
Description:	Spare field for future use.

HINMATE (Inmate Hierarchy)

Description:

The table below contains the new organizational relationships defined for the Inmate system:

Inmate Hierarchy	Telco Hierarchy
Jurisdiction	
Prison region	Telco
Prison	Region
Wing and Cell Block	Group IDs
Terminal ID	Terminal ID

Estimated Volume:

Primary Key:

Prison Telco ID
Prison Region
Prison
Wing
Cell Block
Terminal ID

Record length: 33

Alternate Key 1: Terminal ID

Alternate Key 2:

Prison Telco ID
Prison Region
Prison
Cell Block

Fields:

Name: **PRISON TELCO ID**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC X(6)
Default: No default not null
Comments: Must exist on Jurinfo table.
Constraint: Check Prison Telco ID <> “ “
Description: Also known as the jurisdiction.

Name: **PRISON REGION**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC X(2)
Default: No default not null
Comments: Must exist on Telco and Jurtelc tables.
Constraint: Check Prison Region <> “ “
Description:

Name: **PRISON**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC X(3)
Default: No default not null
Comments: Must exist on Region table.
Constraint: Check Prison <> “ “
Description:

Name: **WING**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC X(6)
Default: Space not null
Description: If applicable, the institution wing the payphone is installed at.

2-209 HOTACT (Hotlist Activity Log)

Name:	CELL BLOCK
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	Space not null
Description:	The cell block the payphone is installed at.
Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	DECIMAL (10,0)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

HOTACT (Hotlist Activity Log)

Description:

This table contains a record of the activity which has taken place to alter the Hotlist.

Estimated volume: 1,000 / day for 30 days

Primary key:

Card Number
Activity Date
Activity Time

Record length: 95

Alternate Key:

Card Number
Activity Date
Activity Time

Index (Not unique): HOTACT0

By: CARD NUMBER,
 ACTIVITY DATE,
 ACTIVITY TIME

Fields:

Name:	CARD NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Constraint:	Check Card Number <> “ ”
Description:	Indicates Card Number which was added to or deleted from the Hotlist table.

Name:	ACTIVITY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Constraint:	Check Activity Date <> 0
Description:	Date on which the addition/deletion was logged to this table, in Millennium Manager local time.

Name:	ACTIVITY TIME
MAND/OPT'L:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Activity Time <= 235959
Description:	Time at which the addition/deletion was logged to this table, in Millennium Manager local time.

2-211 HOTACT (Hotlist Activity Log)

Name:	CARD TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Constraint:	Check Card Type <> “ ”
Description:	Retrieved from Hotlist table.
Name:	USER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check User ID <> “ ”
Description:	User who created current record.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Default Region for User who created current record

Name:	ENTRY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Constraint:	Check Entry Date <> 0
Description:	Retrieved from Hotlist table.
Name:	HOTLIST SOURCE CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Constraint:	Check Hotlist Source Code <> “ “
Description:	Retrieved from Hotlist table.
Name:	COMMENT TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(30)
Default:	No default not null
Description:	Retrieved from Hotlist table.
Name:	ACTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Values:	“1” Add “2” Delete “3” Modify
Constraint:	Check Action In (“1”, “2”, “3”)
Description:	Used to indicate the action taken against a specific Hotlist record.

2-213 HOTERR (Hotlist Error)

Name:	HOT WHITE IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Hotlist "1" Whitelist
Constraint:	Check Hot White Ind In ("0","1")
Description:	Indicates whether the card number is Hotlisted or Whitelisted.

HOTERR (Hotlist Error)

Description:

This table contains a list of all Hotlist entries which could not be written to the Hotlist and Hotact tables. These entries are for the current Millennium Manager and two defined external Millennium Managers.

Estimated volume: 2,000

Primary key:

Card Number
Activity Date
Activity Time
System Name

Record length: 111

Fields:

Name:	CARD NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Constraint:	Check Card Number <> "

Description:	Indicates Card Number which was to be added to or updated in the Hotlist table.
Name:	ACTIVITY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Constraint:	Check Activity Date <> 0
Description:	Date on which the addition/modification was logged to this table, in Millennium Manager local time.
Name:	ACTIVITY TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Activity Time <= 235959
Description:	Time at which the addition/modification was logged to this table, in Millennium Manager local time.
Name:	SYSTEM NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check System Name <> " "
Description:	The name of the system on which the error occurred.

2-215 HOTERR (Hotlist Error)

Name:	TABLE NAME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Description:	The name of the table on which the error occurred.
Name:	CARD TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Constraint:	Check Card Type <> “ ”
Description:	Retrieved from Card table, based on first six digits of Card Number.
Name:	USER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check User ID <> “ ”
Description:	User who created current record.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Default Region for User who created current record
Name:	ENTRY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Constraint:	Check Entry Date <> 0
Description:	Date on which the Card Number was added to the table, in Millennium Manager local time.
Name:	HOTLIST SOURCE CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Constraint:	Check Hotlist Source Code<> “ ”
Description:	The source which generated the hotlist.
Name:	COMMENT TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(30)
Default:	No default not null
Description:	Can be used to indicate reason for Hotlisting/Whitelisting the card.

2-217 HOTERR (Hotlist Error)

Name:	ACTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Constraint:	Check Action <> “ ”
Description:	Used to indicate the action attempted against a specific Hotlist record. See below for acceptable entries. “1” Add “2” Delete “3” Modify No constraints are to be created based on these values.

Name:	HOT WHITE IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	“0” Hotlist “1” Whitelist
Constraint:	Check Hot White Ind In (“0”, “1”)
Description:	Indicates whether the card number is Hotlisted or Whitelisted.

HOTLIST (Hotlist)

Description:

This table contains a list of invalid card numbers used by OLTP to perform credit card validation. The Hotlist table contains Hotlist and Whitelist records. The appropriate indicator shows whether the card number is Hotlisted or Whitelisted.

Estimated volume: 100,000 \

Primary key:

Card Number

Record length: 80

Alternate Key 1:

Entry Date

Alternate Key 2:

Card Number

Entry Date

Index (Not unique): HOTLIST0

By: ENTRY DATE

Index (Not unique): HOTLIST1

By: CARD NUMBER ,
ENTRY DATE

Fields:

Name: CARD NUMBER

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC X(20)

Default: No default not null

Constraint: Check Card Number <> “ “

Description:

2-219 HOTLIST (Hotlist)

Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	CARD TYPE Mandatory 1 PIC X(4) No default not null Check Card Type <> “ “ Retrieved from Card table, based on first six digits of Card Number.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	USER ID Mandatory 1 PIC X(8) No default not null Check User ID <> “ “ Identifies User who created current record.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	TELCO ID Mandatory 1 PIC X(2) No default not null Check Telco ID <> “ “ Identifies the Telco under which this record was created
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	REGION CODE Mandatory 1 PIC X(3) No default not null Check Region Code <> “ “ Identifies the Region under which this record was created

Name:	ENTRY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Constraint:	Check Entry Date <> 0
Description:	Date on which the Card Number was added to the table, in Millennium Manager local time.
Name:	HOT WHITE IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Hotlist "1" Whitelist
Comments:	Indicates whether the card number is Hotlisted or Whitelisted.
Constraint:	Check Hot White Ind In ("0","1")
Description:	
Name:	HOTLIST SOURCE CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Comments:	With Telco, must exist on Hotlist Source table at time of entry. Same as REASON CODE in the FDCASE/FDLOG tables.
Constraint:	Check Hotlist Source Code <> " "
Description:	This is the reason the card is in the Hotlist table. Refer to the REASON CODE in the FDCASE table.

2-221 HOTRNG (HOTLIST RANGE)

Name:	COMMENT TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(30)
Default:	Not null
Description:	Can be used to indicate reason for Hotlisting/Whitelisting the card.

HOTRNG (HOTLIST RANGE)

Description:

This table is used to determine the level of validation to be performed on a card number.

Estimated volume: 20 / Region

Primary key:

Telco ID
Region Code
Card Lower Range
Card Upper Range

Record length: 73

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table. With Region Code, must exist on Region table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	With Telco ID, must exist on Region table.
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created
Name:	CARD LOWER RANGE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Comments:	Must be <= to Card Upper Range. Must have the same no. of digits as Card Upper Range. Must have same first digit as Card Upper Range.=
Constraint:	Check Card Lower Range <> “ ”
Description:	
Name:	CARD UPPER RANGE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Comments:	Must be >= to Card Lower Range. Must have the same no. of digits as Card Lower Range. Must have same first digit as Card Lower Range.
Constraint:	Check Card Upper Range <> “ ”
Description:	Check Card Lower Range <= Card Upper Range

2-223 HOTRNG (HOTLIST RANGE)

Name:	BLOCK ENTIRE RNG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Block Entire Range In ("0", "1")
Description:	Indicates if the entire range of cards is blocked. Further checking will be done on cards within the range if other checks have been enabled.
Name:	COUNTRY CODE SCRNG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	Indicates whether to perform a negative validation of the Country Code destination against the Country Table.
Constraint:	Check Country Code SCRNG In ("0", "1")
Description:	
Name:	COUNTRY CD SCRN OVERD WHITELST
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	Indicates whether country code checks override whitelist.
Constraint:	Check Country CD Scrn Overd Whitelst In("0", "1")
Description:	

Name:	CALLED NO SCRNG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Called No Scrng In ("0", "1")
Description:	Indicates whether to perform a negative validation of the Called Number against the Called Number Table.
Name:	TRUNCATE DIGITS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null
Range:	0 - 19
Constraint:	Check Truncate Digits Between 0 and 19
Description:	This is the number of digits to truncate from a card number before checking the Hotlist table. For example, calling cards would have four digits truncated to remove the PIN number before validating against the Hotlist table.
Name:	EXTERNAL VALDTN DEST IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null
Values:	0 Internal Hotlist validation 1 American Express 2 Bank of Montreal 3 Royal Bank 4 Southern New England Telephone (SNET)

2-225 HOTRNG (HOTLIST RANGE)

	5	UQAM
	6	NaBANCO
Description:	This is the equivalent of the "Financial Institution" on the External validation tables. If a match for this institution and the length of the card cannot be found on the External Validation Parameters and External Data Mapping tables, the card will be rejected.	

Card Type	Card Length	External Destination Indicator	Transaction Type
VISA	13	6	1
VISA	16	6	2
MASTERCARD	16	6	3
AMERICAN EXPRESS	15	6	4
DINERS CLUB	14	6	5
CARTE BLANCHE	14	6	6
DISCOVER	16	6	7
JAL	15	6	8
JBC	16	6	9

Name:	EXTERNAL TRUNCATE DIGITS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null

Range:	0 - 19
Constraint:	Check External Truncate Digits Between 0 and 19
Description:	This is the number of digits to truncate from a card number before sending the card number to an external financial institution for validation.
Name:	EXTERNAL SERVER CLASS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(15)
Default:	Not null
Description:	The pathway server class name for the External Validation server. The name is specific to a financial institution and the data being sent to it.
Name:	EXT VAL TRANS TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	0 not null
Description:	Indicates the format of external request to be built.
Name:	PIN CHECK FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” = Don’t check PIN “1” = Check PIN
Constraint:	Check PIN Check Flag In (“0”, “1”)
Description:	Indicates if PIN should be checked.

HOTSRC (Hotlist Source)

Description:

This table contains the sources of Hotlist entries. Possible values might be BANK, CTI, CTIM, and MCCS.

Estimated volume: 10

Primary key:

Telco ID
Hotlist Source Code

Record length: 46

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	HOTLIST SOURCE CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Constraint:	Check Hotlist Source Code <> “ ”
Description:	Identifies an organizational group which is responsible for Hotlisting card numbers.

Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null=
Constraint:	Check Description <> " "
Description:	

INMATE (Inmate Setup)

Description:

This table contains the configuration for a particular Inmate pay phone.

Estimated Volume:

Primary Key:

Telco ID
Region Code
Configuration ID

Record length: 215

Alternate Key:

Telco ID (Unique)
Configuration ID

Index (Unique): INMATE0

By: TELCO ID,
CONFIGURATION ID

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Data type:	PIC X(2)
Default:	No default not null
Comments:	Not equal spaces.

2-229 INMATE (Inmate Setup)

Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Data type:	PIC X(3)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created
Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Data type:	PIC X(6)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Configuration ID <> “ ”
Name:	DESCRIPTION
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Space reserved for comments.
Name:	WD MAX CALL DURATION
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Maximum duration of call during weekdays.
Name:	WE MAX CALL DURATION
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null

Description:	Maximum duration of call during weekends.
Name: Mand/Opt'l: Data type: Default: Description:	AUTODIALER NO Optional PIC X(16) No default not null Repertory dial telephone number.
Name: Mand/Opt'l: Data type: Range: Default: Constraint: Description:	AUTODIALER CALL TYPE Mandatory Smallint 0 to 255 32 not null Check Autodialer Call Type Between 0 and 255 Defined in call parameter fields of CDRS.
Name: Mand/Opt'l: Data type: Default: Description:	AUTODIALER KEYPAD FLAG Optional PICX(1) 0 not null Indicates if the keypad function after dialing should be used.
Name: Mand/Opt'l: Data type: Default: Description:	AUTODIALER CURFEW FLAG Optional PIC X(1) 0 not null
Name: Mand/Opt'l: Data type: Default: Description:	WD CURFEW START HH1 Optional Smallint 0 not null Weekday curfew start time (hours).

2-231 INMATE (Inmate Setup)

Name:	WD CURFEW START MM1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew start time (minutes).
Name:	WD CURFEW STOP HH1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0
Description:	Weekday curfew stop time (hours).
Name:	WD CURFEW STOP MM1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew stop time (minutes).
Name:	WD CURFEW START HH2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew start time (hours).
Name:	WD CURFEW START MM2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew start time (minutes).
Name:	WD CURFEW STOP HH2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew stop time (hours).

Name:	WD CURFEW STOP MM2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew stop time (minutes).
Name:	WD CURFEW START HH3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew start time (hours).
Name:	WD CURFEW START MM3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew start time (minutes).
Name:	WD CURFEW STOP HH3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew stop time (hours).
Name:	WD CURFEW STOP MM3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekday curfew stop time (minutes).
Name:	WE CURFEW START HH1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew start time (hours).

2-233 INMATE (Inmate Setup)

Name:	WE CURFEW START MM1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew start time (minutes).
Name:	WE CURFEW STOP HH1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew stop time (hours).
Name:	WE CURFEW STOP MM1
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew stop time (minutes).
Name:	WE CURFEW START HH2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew start time (hours).
Name:	WE CURFEW START MM2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew start time (minutes).
Name:	WE CURFEW STOP HH2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew stop time (hours).

Name:	WE CURFEW STOP MM2
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew stop time (minutes).
Name:	WE CURFEW START HH3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew start time (hours).
Name:	WE CURFEW START MM3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew start time (minutes).
Name:	WE CURFEW STOP HH3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew stop time (hours).
Name:	WE CURFEW STOP MM3
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Weekend curfew stop time (minutes).
Name:	SPARE (1-10)
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	For future use

2-235 INSTSV (Installation & Servicing Parameters)

Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Last Updated By <> “ ”
Description:	Last individual to update the record.
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Format:	YYYY-MM-DD:HH:MM:SS:MMMM
Default:	SYSTEM not null
Description:	Last date/time the record was updated.

INSTSV (Installation & Servicing Parameters)

Description:

This table contains the different configurations of parameters which are used by the terminals when interfacing with a terminal maintenance or cash box collection person. The configurations may be downloaded to all terminal types.

Estimated Volume: 15

Primary Key:

Telco ID
Configuration ID

Record length: 86

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Name:	ACCESS CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(7)
Default:	2727378
Description:	This value will be compared to a password entered by the maintenance person, to verify access to the terminal.
Name:	KEY CARD NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	0 not null
Description:	This is the telephone number to be dialed by the terminal when it is being tested by the installer or maintenance person. It is usually the number of a maintenance phone for the Telco.

2-237 INSTSV (Installation & Servicing Parameters)

Name:	ENABLE PREDIAL STRING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Enable Predial String In ("0", "1")
Description:	Enable predial string feature.
Name:	PREDIAL FOR TOLL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Predial For Toll In ("0", "1")
Description:	Predial string for toll calls only.
Name:	PREDIAL FOR INTL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Predial For Intl In ("0", "1")
Description:	Predial string for international call only.
Name:	PREDIAL ALL EXCEPT FREE
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null

Values:	“0” No “1” Yes
Constraint:	Check Predial All Except Free In (“0”, “1”)
Description:	Predial string for all call except free calls.
Name:	PREFIX PRIME MM NO
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” Do not add prefix “1” Add prefix
Constraint:	Check Prefix Prime MM No In (“0”, “1”)
Description:	
Name:	PREFIX SCNDRYMM NO
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” Do not add prefix “1” Add prefix
Constraint:	Check Prefix Scndry MM No In (“0”, “1”)
Description:	
Name:	ENABLE ANALOG SWITCHING
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Enable Analog Switching In (“0”, “1”)
Description:	

2-239 INSTSV (Installation & Servicing Parameters)

Name:	INSTALL FLAGS BIT 7
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Install Flags Bit 7 In ("0", "1")
Description:	Not used
Name:	TX INTERPACKET DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Units:	Time in 10 msec increments
Range:	0 - 255
Constraint:	Check TX Interpacket Delay Between 0 and 255
Description:	This is the amount of time that the terminal should pause between packet transmissions to the Millennium Manager. This is used to assist the Millennium Manager in recognizing when the end of a packet has been reached and a new packet is being received.
Name:	RX INTERPACKET GAP
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Units:	Time in 10 msec increments
Range:	0 - 255
Constraint:	Check RX Interpacket Gap Between 0 and 255

Description:	This is the amount of time delay that the Millennium Manager will insert prior to the frame character at the start of a packet. It is used by the terminal when receiving the packet, to distinguish a frame character at the start of a packet from characters which may be part of the data inside the packet.
Name:	RETRIES UNTIL OUT OF SERVICE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	40 not null
Range:	0 - 255
Comments:	If retries set to zero, then this functionality is disabled.
Constraint:	Check Retries Until Out Of Service Between 0 and 255
Description:	This is the number of failed attempts to contact the Millennium Manager that the terminal will make before switching to its out-of-service condition.
Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Spare 2 Between 0 and 255
Description:	For future use
Name:	CASH BOX LOCK TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Units:	seconds

2-241 INSTSV (Installation & Servicing Parameters)

Default:	300 not null
Range:	0 - 32767
Constraint:	Check Cash Box Lock Timeout Between 0 and 32767
Description:	Time in seconds from when the cash box lock is opened until an alarm is sent to the Millennium Manager. This is a timeout on the time required to collect the cash box.
Name:	PREDIAL STRING 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	0 not null
Description:	
Name:	PREDIAL STRING 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	0 not null
Description:	
Name:	ANALOG SWITCHING CODE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(12)
Default:	0 not null
Description:	This is the code to switch the wireless box to analog mode for data calls.
Name:	SPARES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(12)
Description:	Reserved for future use

INSTWIN (Instant Win)

Description:

This table allows a telco to implement a contest whereby a purchasers of a cash card can be awarded prizes if they possess a winning card.

Estimated Volume:
Primary Key:

Telco ID
Configuration ID

Record length: 160

Fields:

Name:	TELCO ID
Mand/Opt'l:	
Format:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	
Name:	CONFIGURATION ID
Mand/Opt'l:	
Format:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	With the Telco ID, uniquely identifies this record
Name:	INSTANT WIN DATA
Mand/Opt'l:	
Format:	PIC X(152)
Default:	0 not null
Description:	This contains the data relevant to the winning cards.

JURINFO (Jurisdiction Info)

Description:

This table contains information on the jurisdictions present in an Inmate system. The jurisdiction is the highest level in the Inmate hierarchy and is one level up from the Telco in the traditional Millennium Manager.

Estimated Volume: 20

Primary Key: **Prison Telco ID**

Record length: 46

Fields:

Name:	PRISON TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Prison Telco ID <> “ ”
Description:	The name of the jurisdiction.

Name:	DESCRIPTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Description:	A brief description of the jurisdiction.

JURTELC (Jurisdiction/Telco Info)

Description:

This table shows the relationship between prison regions and their governing jurisdictions within the inmate hierarchy. The prison region corresponds to the Telco in the traditional Millennium Manager hierarchy. This table is used to validate the prison region – that is, Telco – when installing an inmate payphone.

Estimated Volume: 60

Primary Key:

Prison Telco ID
Prison Region

Record length: 48

Index (Unique): JURTELC0

By: PRISON REGION

Fields:

Name:	PRISON TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Comments:	Must exist on Jurinfo table.
Constraint:	Check Prison Telco ID <> " "
Description:	The name of the Jurisdiction.

Name:	PRISON REGION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.

2-245 LANG (Language)

Constraint:	Check Prison Region <> “ ”
Description:	The name of a geographical region governed by the jurisdiction.
Name:	DESCRIPTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Description:	A brief description of the relationship between the jurisdiction and the prison region.

LANG (Language)

Description:

This table contains the languages available to the Millennium system. All languages in this table can be assigned to the terminals; however not all languages can be used by the Millennium Manager users.

Estimated volume: 2 (max. 9)

Primary Key:
Language CD

Record length: 43

Fields:

Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null

Values:	1 English 2 French 3 Spanish 4 Japanese
Constraint:	Check Language CD > 0
Description:	
Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Description <> " "
Description:	
Name:	NCC SCREEN LANG IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" No "1" Yes
Constraint:	Check NCC Screen Lang Ind In ("0", "1")
Description:	Indicates whether a language is valid for use in the Millennium Manager application (i.e., whether a User can access screens in that language).

LASTTRY (Transaction Log Last Try)

Description:

This ENSCRIBE file is created by the Log Monitor process, and contains the same information as the Transaction Log file. It is used when the Log Monitor has failed and no more Transaction Log files are available for data recording.

Estimated Volume:
Primary Key:

Entry Sequenced

Record length:
Fields:

Name:	RECORD TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Description:	

Name:	RECEIVED DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Format:	YYYYMMDD
Description:	Date on which the message was received, in the Millennium Manager local time.

Name:	RECEIVED TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Format:	HHMMSSCC
Range:	00000000 - 23595999

Comments:	Must have a valid Time format.
Description:	Time at which the message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(10)
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	RECEIVED DATA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Variable length (max. 100)
Description:	

LCD (Local Call Determination)

Description:

This table may be downloaded to all terminal types except Card V1.0. It is used by the terminals to determine whether a call is local, toll or invalid. A record will exist for each NPA to which terminals with the specified NPA/NXX can make local calls. At the very least, one record will exist for each NPA/NXX, which corresponds to its own NPA. This table is maintained by the process which monitors the reception of local call determination information from the external rating system.

Estimated Volume: 13,500 records (max. 64,800)

Primary Key:

Terminal NPA NXX
Called NPA

2-249 LCD (Local Call Determination)

Record length:	806
Fields:	
Name:	TERMINAL NPA NXX
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	No default not null
Description:	Identifies the NPA/NXX of the terminal.
Name:	CALLED NPA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	200 - 999
Description:	Identifies an NPA to which some calls are local.
Name:	NX CODES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(800)
Default:	Not null
Description:	Each byte identifies the external rating system Rate Index for an NXX in the NPA, and may contain one of the following values: 0 Local 1 LMS (future) 2 Intra-lata Toll 3 Invalid NPA/NXX 4 Inter-lata Toll 5 - 15 Reserved for future use (for terminals that support compressed LCD Tables) 5 - 15 Reserved for future use (for terminals that do not support compressed LCD Tables) Each external rating system Rate Index must have a
5 - 127	

corresponding record in the Rate table, where the external rating system Rate Index = (Rate Index on Rate table - 1).

LCDADT (Local Call Determination Audit Trail)

Description:

This table is an audit trail for the LCD file transfer function. It is used by the process which monitors the reception of local call determination information from the external rating system.

Estimated volume: 6 per LCD file transfer from external rating system.

Primary Key: **LCD Filename**
Event Type

Record length: 52

Fields:

Name:	LCD FILENAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(24)
Default:	No default not null
Constraint:	Check LCD Filename <> “ ”
Description:	The name of the file to be processed.

Name:	EVENT TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null

2-251 LCDADT (Local Call Determination Audit Trail)

Values:	10 30 40 50 60 80	Initiate file transfer Receive LCD file - started Receive LCD file - completed Process LCD file - started Process LCD file - completed Complete file transfer
Constraint:	Check Event Type In (10,20,30,40,50,60,70,80)	
Description:	Indicates the type of transfer event being performed.	
Name:	EVENT DATE	
Mand/Opt'l:	Mandatory	
Occurrences:	1	
Data type:	PIC 9(8)	
Default:	No default not null	
Format:	YYYYMMDD	
Constraint:	Check Event Date <> 0	
Description:	Date of time period during which the transfer event occurred.	
Name:	EVENT TIME	
Mand/Opt'l:	Mandatory	
Occurrences:	1	
Data type:	PIC 9(6)	
Default:	No default not null	
Format:	HHMMSS	
Description:	Time of time period during which the transfer event occurred.	
Name:	EVENT RECORD COUNT	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	Numeric (9,0) unsigned	
Default:	Not null	

Description:	<p>For EVENT TYPE = 10 (Initiate file transfer), record count provided by the LCD header record. This count does not include the header/trailer records.</p> <p>For EVENT TYPE = 30/40 (Receive LCD file), record count of LCD records received. This count does not include the header/trailer records.</p> <p>For EVENT TYPE = 50 (Process LCD file - started), record count of LCD records processed from the LCD transfer file. This count does not include the header/trailer records.</p> <p>For EVENT TYPE = 60 (Process LCD file - completed) record count of LCD records processed from the LCDTRN table. This count does not include the header/trailer record.</p> <p>For EVENT TYPE = 80 (Complete file transfer), number of terminals flagged for LCD table update.</p>
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	EVENT ERROR Optional 1 Numeric (4,0) unsigned Not null 0 No error > 0 Event error # Indicates whether the transfer event was completed successfully. If it does, then this field is reset on (value = 0). If the transfer event fails, this field is set to the last error number that occurred (value > 0). See note below. Refer to Table 2-3.

Note: No further LCD transfers can be processed while an existing transfer has the event error field set to indicate an error and the completion indicator unset. This prevents processing of additional files until the problem is resolved. When the problem is resolved, the system manager manually resets this field to 0 using SQLCI.

Table 2-3: SQL error codes

Error #	Probable cause	Recommended action
The possible event errors for Event Types 10, 30 and 40 are:		
102	Different record count where the count on the header record does not match the record count.	Retransmit the LCD file with the proper record count.
308	Internal software error in application.	Gather information and contact GTS for assistance.
100	Record in SQL table not found.	Contact GTS for assistance
>0 (i.e. 8227)	SQL error occurred in application.	Look up the error number in SQLCI for a detailed error description. Take appropriate action. If the problem persists, contact GTS for assistance.
The possible event errors for Event Types 50, 60 and 80 can have the following:		
2	An error has occurred while attempting to open a file.	Ensure that the file is secured to the correct user. In addition, look up the file error message in the Tandem System Procedure Errors and Messages Manual.

Table 2-3: SQL error codes (continued)

Error #	Probable cause	Recommended action
		Take the appropriate action as indicated in the manual. If the problem persists, contact GTS.
6	An error occurred during an attempt to read a file.	Look up the error number returned from the READ operation, to help determine why the read failed. If the problem persists or assistance is desired call GTS.
12	The COBOL server could not assign the physical file name to the logical one.	An assign error occurred. Gather available information and contact GTS.
75	LCD files corrupted for the following reasons: 1) If the number-of-record field on the header record is less or equal to zero, then the LCD transfer file is corrupted.	Retransmit a valid LCD transfer file. If problem persists, contact GTS for assistance.

2-255 LCDADT (Local Call Determination Audit Trail)

Table 2-3: SQL error codes (continued)

Error #	Probable cause	Recommended action
75 con't	<p>2) If the record read is not a file type Update (1) or Reload (2) then the LCD transfer file is corrupted.</p> <p>3) If the size of the LCDTRN file is greater than zero then read the LCD transfer file until the pointer reach the same size as LCDTRN table. If an EOF is reach before then the LCD transfer file is corrupted.</p> <p>4) If the last record is not an EOF indicator than the LCD transfer file is corrupted.</p>	<p>Retransmit a valid LCD transfer file.</p> <p>Retransmit a valid LCD transfer file. If problem persists, contact GTS for assistance.</p> <p>Retransmit a valid LCD transfer file.</p>
76	An error has occurred while attempting to purge a file.	Ensure that the file exists in the proper volume/sub-volume with the correct user security and correct accordingly. If the problem persists, contact GTS.

Table 2-3: SQL error codes (continued)

Error #	Probable cause	Recommended action
84	The LCDTRN table is empty. The LCD table cannot be updated.	Investigate the problem. Delete records "50" and "60" from the LCDADT table for the transferred file. Restart the BTFT interactive server. This process will revalidate the transferred file and recreate the LCDTRN entries for the transferred file.
SQL 100	Record in SQL table not found.	Contact GTS for assistance.
SQL >0 (i.e. 8227)	SQL error occurred in application.	Look up the error number in SQLCI for a detailed error description. Take appropriate action. If the problem persists, contact GTS for assistance.

Name:	COMPLETION IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Not completed "1" Completed
Constraint:	Check Completion Ind In ("0","1")
Description:	Indicates whether the processing of the filename completed successfully.

2-257 LCDADT (Local Call Determination Audit Trail)

If it did, then this field automatically sets to "1" after the transfer file applies successfully to the LCD table and all applicable terminals are prepared for download.

If the processing did not complete, it stays unset at "0" and must be updated by the system manager.

Note: No further LCD transfer can be applied to the LCD table while the completion indicator for a previously processed LCD filename is not set for all its existing event types (10 . . . 80). This prevents processing any more files until the problem is solved or the transfer has been completed. When the problem is resolved, the system manager sets this field for all the event types, using SQLCI.

Name:	CALL BACK FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Flag not set "1" Flag set
Constraint:	Check Call Back Flag In ("0","1")
Description:	Indicates whether the terminal should call back to the Millennium Manager at a special time, in addition to its scheduled time.

Name:	BATCH JOBS SUBMITTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Contains the number of Pack Data batch jobs that have been submitted by the File Transfer process

Name:	BATCH JOBS CMPL SUCCESSFULLY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Values:	
Description:	Contains the number of Pack Data batch jobs that have been successfully completed.

LCDSCHD (Local Call Determination Schedule Table)

Description:

The File Transfer process uses this table to determine when to schedule a specific NPA for download.

Estimated volume:

Primary Key:

NPA

Record length: 4

Fields:

Name:	NPA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Constraint:	Check NPA <> 0
Description:	Number Planning Area

2-259 LCDTRN (Local Call Determination Trans)

Name:	OFFSET FROM NCC
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (2,0)
Default:	0 not null
Description:	Number of hours from current Millennium Manager time that the LCD tables for this NPA are to be scheduled for download.

LCDTRN (Local Call Determination Trans)

Description:

This table is used for sorting transactions. The header and trailer records are validated and stripped off of the LCD file, and the remaining records are written to this file so that they can be processed in the correct order. They are then written to the Local Call Determination table.

Estimated Volume: 500

Primary Key:

Terminal NPA NXX

Called NPA

Record length: 808

Fields:

Name:	TERMINAL NPA NXX
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	No default not null
Description:	Identifies the NPA/NXX of the terminal.

Name:	CALLED NPA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	200 - 999
Description:	Identifies an NPA to which some calls are local.
Name:	TRANSACTION TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Values:	1 Add 2 Modify 3 Delete
Description:	Indicates the transaction type for the record.
Name:	NX CODES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(800)
Default:	Not null
Values:	Refer to NXX Codes in table LCD
Description:	Contains the Rate Indexes for each NXX in the NPA (see Description for Local Call Determination table)

LITDEFS (Screen Literal)

Description:

This is an ENSCRIBE file which contains the text for the literals which are displayed on the Millennium Manager screens.

Estimated volume: 600 / Language

Primary Key:

Literal NO
Language CODE

Fields:

Name:	LITERAL NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Picture:	9(4)
Description:	

Name:	LANGUAGE CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	9(1)
Values:	0 English 1 French
Description:	

Name:	LITERAL MAXIMUM LENGTH
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	9(2)
Description:	Indicates the maximum length of the text which may be entered for this literal. This usually corresponds to the lowest number of characters which was allotted for the literal on all of the screens on which it is used.

Name:	LITERAL TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Picture:	X(78)
Description:	

LITTEXT (Literal Text)

Description:

This table contains the text for the literals which are used in the Millennium Manager reports.

Estimated volume: 2000 (50/Language/Report)

Primary Key:
Scrn Rpt NM
 Scrn Rpt NO
 Page NO
 Sequence NO
 Language CD

Record length: 148

Fields:

Name: **SCRN RPT NM**
 Mand/Opt'l: Mandatory
 Occurrences: 1
 Data type: PIC X(4)
 Default: No default not null
 Description: The first four characters of the Report Title, as it appears in the upper-left corner of the report.

Name: **SCRN RPT NO**
 Mand/Opt'l: Mandatory
 Occurrences: 1
 Data type: PIC X(5)

2-263 LITTEXT (Literal Text)

Default:	No default not null
Description:	The remainder of the Report Title, following the first four characters.
Name:	PAGE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (2,0) unsigned
Default:	No default not null
Description:	Corresponds to a page or section of the report.
Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Description:	Position of the literal on the page, counting left-to-right, top-to-bottom.
Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Comments:	Must exist on Language table.
Description:	
Name:	LITERAL TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(132)
Default:	Not null
Description:	Contains the text that is printed on the report.

LOGFILE (LogFile Monitor Filename)

Description:

This ENSCRIBE file contains the name of the Transaction Log file which is currently being processed by the Log Monitor.

Estimated Volume: 1**Primary Key:**

Relative

Fields:

Name:	FILENAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(26)
Format:	\$vvvvvvv.ssssssss.TLOGnnnn, where 'vvvvvvv' is the volume 'ssssssss' is the subvolume 'nnnn' is a sequential number assigned by the Log Monitor process.

Description:

MDSFEAT (Message Delivery Service Feature)

Description:

This table contains the different configurations of MDS Feature Options which may be associated with any number of terminals in a telco. The configurations may be downloaded only to terminals MDS and greater.

Estimated Volume: (unknown)

Primary Key:

Telco ID
Configuration ID

Record length:**Fields:**

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

Name:	SECURITY KEY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	“11112222” not null
Comments:	Non zero numbers only.
Description:	Data encryption key.
Name:	MDS NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	0 not null
Description:	Packed hex digits (hex string).
Name:	MDS ENABLE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	“0” Disable MDS feature “1” Turn to MDS feature
Constraint:	Check MDS Enable In (“0”, “1”)
Description:	Indicates whether the MDS feature is enabled.
Name:	SEND CDRS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Value:	“0” Disable “1” Enable
Constraint:	Check Send CDRs In (“0”, “1”)
Description:	Send all MDS call CDRs to Millennium Manager.

2-267 MDSFEAT (Message Delivery Service Feature)

Name:	MDS STATS ENABLE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" Disable "1" Enable
Constraint:	Check MDS Stats Enable In ("0", "1")
Description:	Indicates whether MDS statistics are enabled.
Name:	MDS STATS BIT (1-7)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check MDS Stats Bit 1 In ("0", "1") This constraint repeated for bits 2-7.
Description:	
Name:	SURCHARGE LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 not null
Units:	Multiples of the smallest acceptable coin denomination.
Description:	Currency units for surcharge to leave a message for a local call.
Name:	SURCHARGE INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 not null

Units:	Multiples of the smallest acceptable coin denomination.
Description:	Currency units for surcharge to leave a message for an intra-lata call.
Name:	SURCHARGE INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 not null
Units:	Multiples of the smallest acceptable coin denomination.
Description:	Currency units for surcharge to leave a message for an inter-lata call.
Name:	SURCHARGE INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 not null
Units:	Multiples of the smallest acceptable coin denomination.
Description:	Currency units for surcharge to leave a message for an international call.
Name:	SURCHARGE SPARE 1-2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 not null
Units:	Multiples of the smallest acceptable coin denomination.
Description:	Currency units for Spare 1

2-269 MDSFEAT (Message Delivery Service Feature)

Name:	LOCAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraints:	Check Local Calls In ("0", "1")
Description:	
Name:	INTRALATA CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Intralata Calls In ("0", "1")
Description:	
Name:	INTERLATA CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Interlata Calls In ("0", "1")
Description:	
Name:	INTERNATIONAL CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0

Value:	"0" No "1" Yes
Constraint:	Check International Calls In ("0", "1")
Description:	
Name:	CALL TYPES BIT (4-7)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Call Types Bit 4 In ("0", "1") Check Call Types Bit 5 In ("0", "1") Check Call Types Bit 6 In ("0", "1") Check Call Types Bit 7 In ("0", "1")
Description:	
Name:	COIN
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Coin In ("0", "1")
Description:	
Name:	CASH CARD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes

2-271 MDSFEAT (Message Delivery Service Feature)

Constraint:	Check Cash Card In ("0", "1")
Description:	
Name:	CREDIT CARD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Credit Card In ("0", "1")
Description:	
Name:	CALLING CARD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Calling Card In ("0", "1")
Description:	
Name:	PAYMENT TYPES BIT (4-7)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Payment Types Bit 4 In ("0", "1") Check Payment Types Bit 5 In ("0", "1") Check Payment Types Bit 6 In ("0", "1") Check Payment Types Bit 7 In ("0", "1")
Description:	

Name:	RNA CYCLES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	5 not null
Description:	Number of times the terminal will ring before accessing the MDS feature = Ring no answer.
Name:	BUSY CYCLES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	2 not null
Description:	Number of busy signals the terminal will receive before qccessing the MDS feature.
Name:	DTMF SYNC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	0 not null
Description:	Synchronization digit.
Name:	DTMF GO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	0 not null
Description:	MDS go digit.
Name:	DTMF NOGO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	0 not null
Description:	MDS no go digit.

2-273 MDSFEAT (Message Delivery Service Feature)

Name:	DTMF PAID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	0 not null
Description:	Millennium signal to MDS that funds have been received.
Name:	PROTOCOL VERSION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	0 not null
Range:	0 - 255
Constraint:	Check Protocol Version Between 0 and 255
Description:	Protocol version for MDS.
Name:	RETURN FUNDS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Return Funds In ("0", "1")
Description:	Indicates whether the Millennium will return all coins in escrow before prompting for message surcharge.
Name:	TIMER 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	200 not null
Units:	10 msec.

Description:	Timeout from version and terminal ID to DTMF synchronized.
Name:	TIMER 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	5 not null
Units:	10 msec.
Description:	Inter digit pause.
Name:	TIMER 3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	200 not null
Units:	10 msec.
Description:	Wait for DTMF GO/ NOGO.
Name:	TIMER 4
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	400 not null
Description:	Spare timer.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	Not null
Description:	Ver Æ Terminal ID Dial Delay
Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint

2-275 MDSFEAT (Message Delivery Service Feature)

Default:	Not null
Description:	Total time to tear down
Name:	SPARE 3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	Not null
Description:	Voice prompt play delay
Name:	SPARE (4 - 5)
Mand/Opt'l:	Optional
Occurrences:	2
Data type:	Smallint
Default:	Not null
Description:	For future use
Name:	SPARE (6 - 15)
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	PIC X(1)
Default:	Not null
Description:	For future use

MODDATE (Modified Date)

Description:

This table contains the last modified and last packed dates for each configuration in those tables which have more than one record for each configuration. The modified date is updated when the data for a configuration is modified. The packed date is updated when the record is packed by the Pack Data process.

Estimated Volume: 40

Primary Key:

Telco ID
Configuration ID
Configuration ID P2
Table ID

Record length: 118

Fields:

Name:	TELCO ID
MAND/OPT'L:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Description:	Identifies the Telco under which this record was created

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Comments:	For Card Table, substitute Telco-ID. For Visual Prompts, substitute Telco-ID and Pack-Type

2-277 MODDATE (Modified Date)

Description:	
Name:	CONFIGURATION ID P2
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	Space not null
Comments:	
Description:	
Name:	TABLE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Values:	22 Card Table 23 Carrier Table 24 Call Screening / Free Call List 26 Feature Configuration and Call Options 27 Visual Prompts (Language 1) 28 Visual Prompts (Language 2) 29 Advertising Prompts 30 User Interface Parameters 31 Installation/Servicing Parameters 32 Communication Statistics Parameters 33 Modem Configuration Parameters 34 Call Statistics Parameters 55 Repertory Dialer List Table 58 Service Level Table 59 Expanded Call Screening List 62 Dialing Rules 66 Inmate Feature Table 67 Inmate Setup Table 68 MDS Feature Configuration Table 72 Spare Table 73 Rate Table

	84	Call Set-up Parameters Table
	85	Expanded Visual Prompts (Language 1)
	86	Expanded Visual Prompts (Language 2)
	88	Enhanced Card Table
	92	200 Entry Call Screening List
Description:		Identifies the table in which the Configuration exists.
Name:	MODIFIED TIMESTAMP	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	Numeric (18,0) signed	
Default:	Not null	
Format:	64-bit Julian timestamp - GMT	
Description:	Indicates when the data on the configuration record was last modified.	
Name:	PACKED TIMESTAMP	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	Numeric (18,0) signed	
Default:	Not null	
Format:	64-bit Julian timestamp - GMT	
Description:	Indicates when the data on the configuration record was processed by Pack Data.	

MODEM (Modem Parameters)

Description:

This table contains the different configurations of modem parameters which may be associated with any number of terminals in a telco. The configurations may be downloaded to all terminal types.

Estimated Volume: 2**Primary Key:**

Telco ID
Configuration ID

Record length: 90**Fields:**

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

Name:	BAUD RATE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null
Range:	"0" - "9"
Values:	"0" Not Used "1" 1,200 Baud "2" 2,400 Baud
Constraint:	Check Baud Rate Ind <> " "
Description:	
Name:	DELAY AFTER CO SEIZED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	10 not null
Range:	0 - 32767
Units:	Time in 10 msec increments
Constraint:	Check Delay After CO Seized Between 0 and 32767
Description:	
Name:	DELAY AFTER DIAL TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	60 not null
Range:	0 - 32767
Units:	Time in 10 msec increments
Constraint:	Check Delay After Dial Tone Between 0 and 32767
Description:	

2-281 MODEM (Modem Parameters)

Name:	BUSY RINGBACK DEBOUNCE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	325 not null
Range:	0 - 32767
Units:	Time in 10 msec increments
Constraint:	Check Busy Ringback Debounce Between 0 and 32767
Description:	
Name:	DELAY AFTER ANSW TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Range:	0 - 32767
Units:	Time in 10 msec increments
Constraint:	Check Delay After Answ Tone Between 0 and 32767
Description:	
Name:	SPARE (1-2)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Range:	0 - 32767
Units:	Time in 10 msec increments
Constraint:	Check Spare 1 Between 0 and 65535 Check Spare 2 Between 0 and 65535
Description:	For future use

Name:	DELAY AFTER CARRIER MARK DET
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	500 not null
Range:	0 - 32767
Units:	Time in 10 msec increments
Constraint:	Check Delay After Carrier MARK DET Between 0 and 32767
Description:	
Name:	TX INTERPACKET DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Time in 10 msec increments
Range:	10 not null
Units:	0 - 255
Constraint:	Check TX Interpacket Delay Between 0 and 255
Description:	This is the amount of time that the terminal should pause between packet transmissions to the Millennium Manager. This is used to assist the Millennium Manager in recognizing when the end of a packet has been reached and a new packet is being received.
Name:	RX INTERPACKET GAP
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Time in 10 msec increments
Range:	10 not null
Units:	0 - 255
Constraint:	Check RX Interpacket Gap Between 0 and 255

2-283 MODEM (Modem Parameters)

Description:	This is the amount of time delay that the Millennium Manager will insert prior to the frame character at the start of a packet. It is used by the terminal when receiving the packet, to distinguish a frame character at the start of a packet from characters which may be a part of the data inside the packet.
Name:	DIAL TONE DETECT DEB INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	1 not null
Range:	0 - 255
Units:	Time in 10 msec increments
Constraint:	Check Dial Tone Detect Deb Int Between 0 and 255
Description:	
Name:	DIAL TONE DETECT DEB OFF CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Range:	0 - 255
Constraint:	Check Dial Tone Detect Deb Off Cnt Between 0 and 255
Description:	
Name:	DIAL TONE DETECT DEB ON CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Range:	0 - 255

Constraint:	Check Dial Tone Detect Deb On Cnt Between 0 and 255
Description:	
Name:	BUSY RINGBACK DEB INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	1 not null
Range:	0 - 255
Units:	Time in 10 msec increments
Constraint:	Check Busy Ringback Deb Int Between 0 and 255
Description:	
Name:	BUSY RINGBACK DEB OFF CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Range:	0 - 255
Constraint:	Check Busy Ringback Deb Off Cnt Between 0 and 255
Description:	
Name:	BUSY RINGBACK DEB ON CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Constraint:	Check Busy Ringback Deb On Cnt Between 0 and 255
Range:	0 - 255
Description:	

2-285 MODEM (Modem Parameters)

Name:	ANSWER TONE DEB INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	1 not null
Range:	0 - 255
Units:	Time in 10 msec increments
Constraint:	Check Answer Tone Deb Int Between 0 and 255
Description:	
Name:	ANSWER TONE DEB OFF CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	5 not null
Range:	0 - 255
Constraint:	Check Answer Tone Deb Off Cnt Between 0 and 255
Description:	
Name:	ANSWER TONE DEB ON CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Range:	0 - 255
Constraint:	Check Answer Tone Deb On Cnt Between 0 and 255
Description:	
Name:	CARRIER MARK DEB INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	1 not null
Range:	0 - 255

Units:	Time in 10 msec increments
Constraint:	Check Carrier Mark Deb Int Between 0 and 255
Description:	
Name:	CARRIER MARK DEB OFF CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Range:	0 - 255
Constraint:	Check Carrier Mark Deb Off Cnt Between 0 and 255
Description:	
Name:	CARRIER MARK DEB ON CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	10 not null
Range:	0 - 255
Constraint:	Check Carrier Mark Deb On Cnt Between 0 and 255
Description:	
Name:	CARRIER LOST DEB INT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	1 not null
Range:	0 - 255
Units:	Time in 10 msec increments
Constraint:	Check Carrier Lost Deb Int Between 0 and 255
Description:	

2-287 MODEM (Modem Parameters)

Name:	CARRIER LOST DEB OFF CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	3 not null
Range:	0 - 255
Constraint:	Check Carrier Lost Deb Off Cnt Between 0 and 255
Description:	
Name:	CARRIER LOST DEB ON CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	20 not null
Range:	0 - 255
Constraint:	Check Carrier Lost Deb On Cnt Between 0 and 255
Description:	
Name:	GENERAL CONFIG BIT 0
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	X(1)
Default:	"0"
Value:	"0" No "1" Yes
Constraint:	Check General Config Bit 0 In ("0", "1")
Description:	
Name:	ENABLE CARRIER LOST TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	1 not null

Value:	"0"	No check for carrier lost
	"1"	Data call times out when carrier lost
Constraint:	Check Enable Carrier Lost Timeout In ("0", "1")	
Description:		
Name:	GENERAL CONFIG BIT (2-7)	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	PIC X(1)	
Default:	0 not null	
Value:	"0"	No
	"1"	Yes
Constraint:	Check General Config Bit 0 In ("0", "1")	
Description:		
Name:	ANSWER TONE CONFIG BIT 0	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	PIC X(1)	
Default:	0 not null	
Value:	"0"	No
	"1"	Yes
Constraint:	Check Answer Tone Config Bit 0 In ("0", "1")	
Description:		
Name:	ENABLE ANSWER TONE DETECT	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	PIC X(1)	
Default:	1 not null	
Value:	"0"	No detection of (or looking for) answer tone
	"1"	Answer tone detection enabled
Constraint:	Check Enable Answer Tone Detect In ("0", "1")	
Description:		

2-289 MODEM (Modem Parameters)

Name:	ANSWER TONE NOT REQUIRED
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No - answer tone is required "1" Yes - answer tone is NOT required (use carrier only)
Constraint:	Check Answer Tone Not Required In ("0", "1")
Description:	Indicates whether an answer tone is required before proceeding with a data call.
Name:	ANSWER TONE CONFIG BIT (3-7)
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Value:	"0" No "1" Yes
Constraint:	Check Answer Tone Config Bit 3 In ("0", "1") Check Answer Tone Config Bit 4 In ("0", "1") Check Answer Tone Config Bit 5 In ("0", "1") Check Answer Tone Config Bit 6 In ("0", "1") Check Answer Tone Config Bit 7 In ("0", "1")
Description:	
Name:	BUSY SIGNAL THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	5 not null
Range:	0 - 255
Constraint:	Check Busy Signal Threshold Between 0 and 255
Description:	

MSGEXPL (System Message Explanation)

Description:

This table contains the explanations of each system message.

Estimated volume: 5 / System Message

Primary Key:

Message ID
Language Cd
Sequence No

Record length: 81

Fields:

Name:	MESSAGE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Comments:	With Language Code, must exist on System Message table.
Constraint:	Check Message ID > 0
Description:	

Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Comments:	With Message ID, must exist on System Message table.
Constraint:	Check Language CD Between 1 and 9
Description:	

2-291 MSGTEXT (System Message)

Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Constraint:	Check Sequence No > 0
Description:	This is used to sequence the explanation text associated with a system message.
Name:	MSG TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(73)
Default:	Not null
Description:	

MSGTEXT (System Message)

Description:

This table contains the error, warning, and information messages which may be generated by the Millennium Manager and displayed to the user, either on a screen or in a report.

Estimated volume: 500 / Language

Primary Key:

Message ID
Language CD

Record length: 79

Fields:

Name:	MESSAGE ID
Mand/Opt'l:	Mandatory
Occurrences:	1

Data type:	Numeric (5,0) unsigned
Default:	No default not null
Values:	0001 - 0999 Standard Information Messages 1000 - 1999 System Management 2000 - 2999 Hotlist Maintenance 3000 - 3999 Table Maintenance 4000 - 4999 General Services Functions 5000 - 9999 Future 10000 - 10999 Common Validation 20000 - 20999 Terminal Information Management 21000 - 21999 Download 22000 - 29999 Batch Subsystems 99000 - 99999 Critical Errors
Constraint:	Check Message ID > 0
Description:	
Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Comments:	Must exist on Language table.
Constraint:	Check Language CD Between 1 and 9
Description:	
Name:	MSG TEXT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(73)
Default:	No default not null
Constraint:	Check Msg Text <> “ ”
Description:	

MTYPETAB (Member Type Table)

Description:

This is an ENSCRIBE file which contains the next ID to be used when a new literal is added to the Screen Literals table.

Estimated volume: 1

Primary Key:

Member Type

Fields:

Name:	MEMBER TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(2)
Values:	'li' - literal
Description:	

Name:	MEMBER Description
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(15)
Values:	'literal'
Description:	

Name:	NEXT MEMBER NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	9(6)
Description:	This is the next number to use when adding a new literal to the screen literals table.

NCCDENY (National NCC Deny List)

Description:

This table contains a list of system-wide (national) denied numbers.

Primary Key:

Called No

Record length: 192

Index (Not unique): NCCDENY0

By: CALLED NAME

Fields:

Name:	CALLED NO
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Called No <> “ ”
Description:	Telephone number denied by the Millennium Manager.

Name:	CALLED NAME
Mand/Opt'l:	Optional
Data type:	PIC X(30)
Default:	No default not null
Description:	Name of individual who's number is on the list of denied numbers.

Name:	DESCRIPTION
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Space reserved for comments.

2-295 NCCDENY (National NCC Deny List)

Name:	INITIATOR
Mand/Opt'l:	Optional
Data type:	PIC X(20)
Default:	No default not null
Description:	
Name:	CREATION TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Default:	No default not null
Format:	YYYY-MM-DD:HH:MM:SS:MMMM
Description:	Date when record was created.
Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Last Updated By <> “ ”
Description:	Last individual to update the record
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Format:	YYYY-MM-DD:HH:MM:SS:MMMM
Default:	SYSTEM not null
Description:	Last time the record was updated.

OLTPCTL (OLTP Control)

Description:

This table contains parameters required by the OLTP subsystem.

Estimated volume: 1**Primary Key:**

None - Entry-sequenced

Record length: 20**Fields:**

Name:	DATA TRANSMISSION FLAG	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	“0” No “1” Yes	
Constraint:	Check Data Transmission Flag In (“0”, “1”)	
Description:	Indicates whether the Millennium Manager is available to receive data transmissions from the terminals. Changes to the Data Transmission Flag and Table Update Flag take effect immediately. These flags are checked by the Call-In/CallBack Server to determine if a Data Transmission or a Table Update can occur. The Attention Server will perform a Data Transmission or a Table Update without consulting these flags.	

2-297 OLTPCTL (OLTP Control)

Name:	TABLE UPDATE FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Table Update Flag In ("0", "1")
Description:	Indicates whether the Millennium Manager is available to perform downloads to the terminals. Changes to the Data Transmission Flag and Table Update Flag take effect immediately. These flags are checked by the Call-In/Call Back Server to determine if a Data Transmission or a Table Update can occur. The Attention Server will perform a Data Transmission or a Table Update without consulting these flags.
Name:	STARTUP SIGNALTIMEOUT LENGTH
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) signed
Default:	Not null
Units:	milliseconds
Description:	The length in time that a GDS term task will wait for an Acknowledge packet (ACK) in response to a sent packet to the terminal.
Name:	STARTUP AWAITIO TIMEOUT LENGTH
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) signed
Default:	Not null
Units:	milliseconds

Description:	The length in time that a GDS term task will wait for a message from either the terminal or the requestor.
Name:	STARTUP NACK THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) signed
Default:	Not null
Description:	The number of NACKs that will be allowed within one dialog session.
Name:	STARTUP SKIP NACK ERRORS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	none indicated
Description:	The number of NACKs before the next NACK error message is reported. That is, if value is 3, then every third NACK will have an error message reported.

OPCODE (Op Code)

Description:

This table contains the operation codes which can be received from a terminal.

Estimated Volume: 25 / Telco

Primary Key:

Telco ID

Op Code

Record length: 44

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco where this record was created

Name:	OP CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Description:	

Name:	DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null

Constraint:	Check Description <> “ ”
Description:	

OPDEST (Op Code Destination)

Description:

This table is used to associate an operation code destination with a specific terminal and operation code. The Alarms subsystem will check this table first to determine the destination for a given terminal and operation code. If a specific destination has not been assigned, the Alarms subsystem will try the Destination Default table, to obtain the default destination for that terminal. will be retrieved from the System Parameters table.

Estimated Volume: 10 / Terminal**Primary Key:**

Terminal ID
Op Code

Record length: 37**Alternate Key 1:**

Terminal ID ASCII
Op Code

Alternate Key 2:

Destination ID

Index (Unique): OPDEST0

By: TERMINAL ID ASCII ,
OP CODE

Index (Not unique): OPDEST1

By: DESTINATION ID

2-301 OPDEST (Op Code Destination)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Constraint:	Check Terminal ID >= 1000000000
Description:	This is the telephone number of the terminal.

Name:	TERMINAL ID ASCII
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(10)
Default:	No default not null
Range:	1000000000 - 9999999999 (10 digits)
Constraint:	Check Terminal ID ASCII >= "1000000000"
Description:	ASCII equivalent of the Terminal ID.

Name:	OP CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Comments:	Must exist on Op Code table.
Description:	

Name:	DESTINATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(15)
Default:	No default not null
Comments:	With the Telco ID, must exist on Destination table.
Constraint:	Check Destination ID <> " "
Description:	

PARAMFL (Logfile Monitor Parameters)

Description:

This ENSCRIBE file contains the modifiable parameters used by the log monitor process for the creation of transaction log files, and for startup and recovery procedures.

Estimated Volume: 1**Primary Key:**

Relative

Fields:**Name:** **LOGFILE PRIMARY EXTENTS**

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: 9(4)

Description:

Name: **LOGFILE SECONDARY EXTENTS**

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: 9(4)

Description:

Name: **LOGFILE FILE TYPE**

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: 9(4)

Description:

Name: **LOGFILE MAXIMUM RECORD LENGTH**

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: 9(4)

Description:

2-303 PARAMFL (Logfile Monitor Parameters)

Name: Mand/Opt'l: Occurrences: Data type: Description:	LOGFILE BLOCK LENGTH Mandatory 1 9(4)
Name: Mand/Opt'l: Occurrences: Data type: Description:	LOGFILE MAXIMUM EXTENTS Mandatory 1 9(4)
Name: Mand/Opt'l: Occurrences: Data type: Description:	LOGFILE OPEN DEFAULTS FLAG Mandatory 1 9(4)
Name: Mand/Opt'l: Occurrences: Data type: Description:	BACKUP TAKEOVER COUNT Mandatory 1 9(4)
Name: Mand/Opt'l: Occurrences: Data type: Description:	AUTO LOGFILE ROLLOVER FLAG Mandatory 1 9(4)
Name: Mand/Opt'l: Occurrences: Data type: Description:	AUTO LOGFILE ROLLOVER TIMER Mandatory 1 9(9)

Name:	PROCESS NAME
Mand/Opt'l:	Mandatory
Occurrences:	4
Data type:	9(4)
Description:	

PINALOW (PIN Allow List)

Description:

This table contains the list of numbers that an inmate is allowed to call.

Primary Key:

PIN

Called No

Record length: 267

Alternate Key:

PIN

Called Name

Alternate Key 1:

Called No

Alternate Key 2:

Pin

Called Name

Index (Not unique): PINALOW0

By: CALLED NO

Index (Not unique): PINALOW1

By: PIN,
CALLED NAME

2-305 PINALOW (PIN Allow List)

Fields:

Name:	PIN
Mand/Opt'l:	Mandatory
Data type:	PIN X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check PIN <> “ ”
Description:	

Name:	CALLED NO
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Called No<> “ ”
Description:	Telephone number of individual whom an inmate is allowed to call.

Name:	CALLED NAME
Mand/Opt'l:	Optional
Data type:	PIC X(30)
Default:	No default not null
Description:	Name of individual an inmate is permitted to call.

Name:	CALLED ADDRESS
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Address of individual whom an inmate is permitted to call.

Name:	DESCRIPTION
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Space reserved for comments.

Name:	RECORDING IND
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Values:	0 - Don't Care 1 - Don't Record 2 - Record 3 - Record and Alarm (Monitor)
Description:	Indicates if call should be monitored.
Name:	THREE WAY CALL DETECT IND
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Indicates if checks should be made for the illegal routing of a call via a third party.
Name:	MAX CALL DURATION
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	The maximum time permitted for the call.
Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Last Updated By < > “ “
Description:	The last individual to update the record.
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Default:	SYSTEM not null
Format:	YYYY-MM-DD:HH:MM:SS:MMMM

2-307 PINAUTH (PIN Authorization Table)

Description: The last time the record was updated.

PINAUTH (PIN Authorization Table)

Description:

This table is used to authorize the PIN of the repair service person. Only when found in this table is the operation code accepted.

Estimated volume:

Primary Key: Telco ID
Pin

Record length: 46

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> " "
Description:	Identifies the Telco under which this record was created

Name:	PIN
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0)
Default:	No default not null
Range	0 to 999999
Constraint:	Check PIN Between 0 and 999999
Description:	Personal identification number of authorized repair service person

Name:	DESCRIPTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Description:	

PIN DENY (PIN Deny List)

Description:

This table contains the list of numbers denied to an inmate.

Primary Key:

Pin

Called No

Record length: 261

Alternate Key: Called No

Index (Not unique): PIN DENY0
By: CALLED NO

Fields:

Name:

PIN

Mand/Opt'l:

Mandatory

Data type:

PIC X(20)

Default:

No default not null

Comments:

Not equal spaces.

Constraint:

Check PIN <> “ ”

Description:

Name:

CALLED NO

Mand/Opt'l:

Mandatory

Data type:

PIC X(20)

Default:

No default not null

2-309 PIN DENY (PIN Deny List)

Comments:	Not equal spaces.
Constraint:	Check Called No<> “ ”
Description:	Telephone number that an inmate cannot call.
Name:	CALLED NAME
Mand/Opt'l:	Optional
Data type:	PIC X(30)
Default:	Not null
Description:	Name of the individual that an inmate cannot call.
Name:	CALLED ADDRESS
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Address of the individual that an inmate cannot call.
Name:	DESCRIPTION
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Space reserved for comments.
Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Last Updated By <> “ ”
Description:	Last individual to update the record.
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Format:	YYYY-MM-DD:HH:MM:SS:MS
Default:	SYSTEM not null
Description:	Last date/time record was updated.

PININFO (Inmate PIN Information)

Description:

This table contains information on an inmate's personal ID number.

Primary Key:

PIN

Record length: 133

Alternate Key 1:

Inmate Name

Alternate Key 2:

Native ID

Alternate Key 3:

Prison Region

Prison

Pin

Alternate Key 4:

Prison Telco ID

Native ID

Alternate Key 5:

Prison Telco ID

Prison Region

Prison

Cell Block

Alternate Key 6:

Prison Telco ID

Prison Region

Prison

Inmate Name

2-311 PININFO (Inmate PIN Information)

Alternate Key 7:

Prison Telco ID

Prison Region

Prison

Native ID

Index (Not unique): PININFO0 By: INMATE NAME

Index (Not unique): PININFO1 By: NATIVE ID

Index (Not unique): PININFO2

By: PRISON REGION

PRISON

PIN

Index (Unique): PININFO3

By: PRISON TELCO ID

NATIVE ID

Index (Not unique): PININFO4

By: PRISON TELCO ID

PRISON REGION

PRISON

CELL BLOCK

Index (Not unique): PININFO5

By: PRISON TELCO ID

PRISON REGION

PRISON

INMATE NAME

Index (Not unique): PININFO6

By: PRISON TELCO ID

PRISON REGION

PRISON

NATIVE ID

Fields:

Name: **PIN**
Mand/Opt'l: Mandatory
Data type: PIC X(20)
Default: No default not null
Comments: Not equal spaces.
Constraint: Check PIN <> “ “
Description:

Name: **PRISON TELCO ID**
Mand/Opt'l: Mandatory
Data type: PIC X(6)
Default: No default not null
Comments: Not equal spaces.
Constraint: Check Prison Telco ID <> “ “
Description:

Name: **PRISON REGION**
Mand/Opt'l: Mandatory
Data type: PIC X(2)
Default: No default not null
Comments: Not equal spaces.
Constraint: Check Prison Region <> “ “
Description:

Name: **PRISON**
Mand/Opt'l: Mandatory
Data type: PIC X(3)
Default: No default not null
Comments: Not equal spaces.
Constraint: Check Prison <> “ “
Description:

2-313 PININFO (Inmate PIN Information)

Name:	WING
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	Spaces not null
Description:	
Name:	CELL BLOCK
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	Spaces not null
Description:	
Name:	NATIVE ID
Mand/Opt'l:	Optional
Data type:	PIC X(20)
Default:	No default not null
Description:	
Name:	INMATE NAME
Mand/Opt'l:	Optional
Data type:	PIC X(30)
Default:	No default not null
Description:	
Name:	PIN STATUS
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Status of Inmates PIN number (enabled or disabled).
Name:	PIN LIST CLASS
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	Not null

Values:	0 - None 1 - Deny 2 - Allow
Description:	Indicates the type of checking required.
Name:	RECORDING IND
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	Not null
Values:	Refer to field Recording Ind in table PINALOW
Description:	Indicates if call should be monitored.
Name:	MAX CALL DURATION
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Maximum time permitted for the call.
Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Last Updated By <> " "
Description:	Last individual that updated the record.
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Default:	SYSTEM not null
Format:	YYYY-MM-DD:HH:MM:SS:MSSSSS
Description:	Last date/time record was updated.

PNAME (LogFile Monitor Process Name)

Description:

This ENSCRIBE file contains the names of all the processes currently listed with the log monitor process.

Estimated Volume: 1**Primary Key:** Relative**Fields:****Name:** PROCESS NAME

Mand/Opt'l: Mandatory

Occurrences: 1500

Data type: 9(4)

Description:

PRINTER (Printer)

Description:

This table contains the valid Tandem printers where reports may be routed.

Estimated volume: 25**Primary Key:** Telco ID
Printer ID**Record length:** 64**Fields:****Name:** TELCO ID

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC X(2)

Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	PRINTER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(7)
Default:	No default not null
Comments:	The first character must be alphabetic.
Constraint:	Check Printer ID <> “ ”
Description	
Name:	PRINTER DEVICE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(15)
Default:	No default not null
Constraint:	Check Printer Device <> “ ”
Description:	This is the Tandem printer address (see below for format).
Name:	LOCATION TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Description:	

Using the Tandem printer device

Each printer defined in this table must be set up within the Tandem spooler environment. The Tandem Printer Device is formatted as:

\$S.#ppppppp.Ttt

where:

ppppppp

corresponds to the Printer ID on the Printer table

tt

corresponds to the Telco ID on the Printer table

PRSINFO (Prison Information)

Description:

This table contains information about a prison.

Primary Key:

Prison Telco ID

Prison Region

Prison

Record length:

136

Fields:

Name:

PRISON TELCO ID

Mand/Opt'l:

Mandatory

Data type:

PIC X(6)

Default:

No default not null

Comments:

Not equal spaces.

Constraint:

Check Prison Telco ID <> “ ”

Description:

Name:

PRISON REGION

Mand/Opt'l:

Mandatory

Data type:

PIC X(2)

Default:

No default not null

Comments:

Not equal spaces.

Constraint:	Check Prison Region <> “ ”
Description:	
Name:	PRISON
Mand/Opt'l:	Mandatory
Data type:	PIC X(3)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Prison <> “ ”
Description:	
Name:	DESCRIPTION
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Space reserved for comments.
Name:	PIN STRATEGY
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	
Name:	RECORDING STRATEGY
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	
Name:	CUTOFF FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	

2-319 PRSINFO (Prison Information)

Name:	MAX CALL DURATION
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	0 not null
Description:	Maximum time permitted for the call.
Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Last Updated By <> “ ”
Description:	Last individual that updated the record.
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Default:	SYSTEM not null
Format:	YYYY-MM-DD:HH:MM:SS:MMMM
Description:	Last date/time the record was updated.
Name:	NATIVE ID LENGTH
Mand/Opt'l:	Optional
Occurrences:	1
Picture:	Smallint
Default:	7 not null
Description:	
Name:	PIN LENGTH
Mand/Opt'l:	Optional
Occurrences:	1
Picture:	Smallint
Default:	7 not null
Description:	

PR999999 (Coin Prediction Transmission File)

Description:

This ENSCRIBE file is created by the Coin process. It is an intermediary file which contains the cash box prediction records. This file is transmitted to the appropriate external coin system after it has been built.

Estimated Volume: 1 per data transmission

Primary Key:

Entry Sequenced

Fields:

Name:	TRANSMISSION DATA RECORD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(80)
Comment:	Records are a fixed length of 80 bytes to accommodate the host computer.
Description:	Record formats are described in detail by the latest version of the Coin System Interface Specification.

RATE (Rate)

Description:

This table contains the different configurations of call rating information used by the terminals to determine how to rate different types of calls. The configurations may be downloaded to all terminal types except Card V1.0.

Estimated Volume: 5**Primary Key:**

Telco ID
Configuration ID
Rate Index

Record length: 32**Fields:**

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

Name:	RATE INDEX
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	0 - 128
Comments:	Each Rate Index corresponds to an external rating system Rate Index, such that Rate Index = (1 + external rating system Rate Index).
Constraint:	Check Rate Index Between 1 and 128
Description:	
Name:	RATE TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Values:	0 Millennium Manager rated Intra-lata 1 LMS rate (local call) 2 Fixed Charge (local call) 3 Rate not available (Not used in RATE table) 4 Invalid NPA/NXX 5 Toll Intra-lata 6 Toll Inter-lata 7 Millennium Manager rated Inter-lata 8 Millennium Manager rated local
Range:	0 - 255
Constraint:	Check Rate Type Between 0 and 255
Description:	

2-323 RATE (Rate)

Name:	INITIAL PERIOD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Units:	seconds
Range:	0 - 32767
Constraint:	Check Initial Period Between 0 and 32767
Description:	
Name:	INIT PERIOD UNLIMITED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Init Period Unlimited Ind In ("0","1")
Description:	Indicates whether the Initial Period and Charge is for an unlimited duration.
NAME:	INITIAL CHARGE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Units:	increments of value for smallest acceptable coin denomination (i.e. 5 cents)
Range:	0 - 32767
Comments:	If the Initial and Additional Charges are 0, then the call is free.
Constraint:	Check Initial Charge Between 0 and 32767
Description:	This is also the minimum charge on a call.

Name:	ADDITIONAL PERIOD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Units:	seconds
Range:	0 - 32767
Constraint:	Check Additional Period Between 0 and 32767
Description:	
Name:	ADDNL PERIOD UNLIMITED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Addnl Period Unlimited Ind In ("0","1")
Description:	Indicates whether the Additional Period and Charge is for an unlimited duration.
Name:	ADDITIONAL CHARGE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Units:	increments of value for smallest acceptable coin denomination (i.e. 5 cents)
Range:	0 - 32767
Comments:	If the Initial and Additional Charges are 0, then the call is free.
Constraint:	Check Additional Charge Between 0 and 32767
Description:	

RATEGDS (Rating System Logical Filename)

Description:

This table is used to assign logical filenames to rating systems.

Estimated Volume: 4

Primary Key: **Controller Process**
Sequence No

Record length: 42

Fields:

Name:	CONTROLLER PROCESS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Description:	Identifies a rating system.

Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Description:	Allows the rating system to have multiple lines.

Name:	GDS SUBUNIT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(34)
Default:	No default not null
Description:	Identifies the line to the external rating system which will be used by the specified rating system.

RATEINT (Set Based Rating – International)

Description:

Estimated Volume:

Primary Key: Telco ID
Configuration ID

Record length: 64

Fields

Name: TELCO ID
Mand/Opt'l: Mandatory
Occurrences:
Data type: PIC X(2)
Default: No default not null
Constraint: Check Telco ID <> “ “
Description:

Name: CONFIGURATION ID
Mand/Opt'l: Mandatory
Occurrences:
Data type: PIC X(6)
Default: No default not null
Constraint: Check Configuration ID <> “ “
Description: With the Telco ID, uniquely identifies this record

Name: INTERNATIONAL RATES
Mand/Opt'l.
Occurrences:
Data type: PIC X(603)
Default: 0 not null
Description:

RATENPA (Set Based Rating – NPA)

Description:

Estimated Volume:

Primary Key:

Telco ID
Configuration ID

Record length: 409

Fields

Name: **TELCO ID**
Mand/Opt'l: Mandatory
Occurrences:
Data type: PIC X(2)
Default: No default not null
Constraint: Check Telco ID <> “ “
Description:

Name: **CONFIGURATION ID**
Mand/Opt'l: Mandatory
Occurrences:
Data type: PIC X(6)
Default: No default not null
Constraint: Check Configuration ID <> “ “
Description: With the Telco ID, uniquely identifies this record.

Name: **NPA RATES**
Mand/Opt'l:
Occurrences:
Data type: PIC X(401)
Default: 0 not null
Description:

RATESYS (Rating System)

Description:

This table is used to determine which rating system will be used to process external rate requests. Requests will be routed based on originating telco and the selected carrier reference number.

Estimated Volume: 4

Primary Key:

Telco ID
Carrier Xref Num

Record length: 10

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Description:	Identifies the Telco under which this record was created

Name:	CARRIER XREF NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric(3,0) unsigned
Default:	Not null
Constraint:	Check Carrier Xref Num Between 0 and 255
Description:	

Name:	CONTROLLER PROCESS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)

2-329 RDLIST (Repertory Dialer List)

Default:	No default not null
Description:	Identifies a rating system.

RDLIST (Repertory Dialer List)

Description:

This table contains the enhanced repertory dialer list.

Estimated Volume: 300=

Primary Key:

Telco ID
Repodial Config ID
Repodial Button

Record length: 109

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	This field must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	REPDIAL CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Description:	

Name:	REPDIAL BUTTON
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Range:	1 - 10
Constraint:	Check Repdial Button Between 1 and 10
Description:	Indicates the preset repertory dialer button.
Name:	CUSTOMER XREF NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Comments:	This must exist on the Customer Information table.
Description:	
Name:	FREE CALL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Free Call Ind In ("0", "1")
Description:	Indicates whether a call to this telephone number will be free to the terminal user.
Name:	ANSWER SUPERVISION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Unsupervised "1" Supervised
Comments:	Indicates whether Answer Supervision is enabled.

2-331 RDLIST (Repertory Dialer List)

Constraint:	Check Answer Supervision In ("0", "1")
Description:	
Name:	CARRIER PREFIX
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	Carrier Prefix field used to indicate that the button will predial the carrier. This is a number the terminal uses to determine what a carrier number is (950, 10xxx, and so on).
Constraint:	Check Carrier Prefix In ("0", "1")
Description:	
Name:	FAIL TO POTS MODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	Indicates whether the number is only to be used in Fail-to-POTS mode (i.e., 0+ would be a free call in Fail-to-POTS mode, but would require a card in normal power mode).
Constraint:	Check Fail To POTS Mode In ("0", "1")
Description:	
Name:	TRANSMITTER MUTED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null

Values:	"0" Unmuted "1" Muted
Constraint:	Check Transmitter Muted Ind In ("0", "1")
Description:	Indicates whether the transmitter is muted until answer supervision is detected.
Name:	DISABLE ENABLE KEY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" Disabled "1" Enabled
Comments:	Indicates whether the key is disabled or enabled.
Constraint:	Check Disable Enable Key In ("0", "1")
Description:	
Name:	INFO ONLY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Comments:	Indicates whether if this is informational only.
Constraint:	Check Info Only In ("0", "1")
Description:	
Name:	FEATURE GRP B NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Comments:	For future use by the terminal.
Values:	"0" No "1" Yes

2-333 RDLIST (Repertory Dialer List)

Constraint:	Check Feature Grp B Number In ("0", "1")
Description:	
Name:	CALL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	No default not null
Range:	0 - 255 (For values definition look in CALLTYP table)
Comments:	Must exist on Call Type table.
Description:	
Name:	RATE CARRIER INDEX
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	255 not null
Range:	0 - 255
Comments:	Must exist on the Rate table. A 255 value means there is no reference.
Description:	
Name:	DIGIT ARRAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(16)
Default:	0 not null
Description:	
Name:	UPPER DISPLAY PROMPT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null

Comments:	Indicates the upper visual prompt.
Description:	
Name:	LOWER DISPLAY PROMPT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Comments:	Indicates the lower visual prompt.
Description:	
Name:	SPARE (1 - 4)
Mand/Opt'l:	Optional
Occurrences:	5
Data type:	PIC X(3)
Default:	0 not null
Range:	"0" - "255"
Description:	For future use
Name:	IDENTIFIER 3
Mand/Opt'l:	
Occurrences:	1
Data type:	
Default:	0 not null
Range:	
Description:	
Name:	OFF HOOK ADVERT ENABLE FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" YeEnable off hook advertizing
Constraint:	Check Off Hook Advert Enable Flag In ("0", "1")
Description:	

2-335 RDLIST (Repertory Dialer List)

Name:	IDENT 2 BIT 1-5
Mand/Opt'l:	
Occurrences:	5
Default:	0 not null
Format:	PIC X(1)
Constraint:	IN ("0", "1")
Range:	
Constraint:	Check Ident2 Bit 1 IN("0", "1") Check Ident2 Bit 2 IN("0", "1") Check Ident2 Bit 3 IN("0", "1") Check Ident2 Bit 4 IN("0", "1") Check Ident2 Bit 5 IN("0", "1")
Description:	Spare bit for future use. Note: The Ident 2 bits 1-5 are located between the Off Hook Advertising Enable field and the Message Button for MDS field.
Name:	MESSAGE BUTTON FOR MDS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Message Button For MDS In ("0", "1")
Description:	
Name:	SPARE FLAG 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Spare Flag 2 In ("0", "1")
Description:	For future use

REGION (Region)

Description:

This table contains the list of regions which may be assigned to telcos.

Estimated volume: 2 / Telco

Primary Key:

Telco ID
Region Code

Record length: 60

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table. With Destination, must exist on Destination table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created.

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Picture:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created.

2-337 REGION (Region)

Name:	REGION DESC
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Region Desc<> “ ”
Description:	
Name:	DESTINATION ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(15)
Default:	Not null
Comments:	With Telco ID, must exist on Destination table.
Description:	This destination will be automatically assigned to a terminal if the user does not specify a destination when the terminal is added. This destination will also be used by the alarms subsystem if the default destination for the terminal has been deleted.

RLNAME (Rating Logical Filename)

Description:

This table is used to assign logical filenames to a rating server. Each rating server process must have a name assigned in the pathway configuration file, with a corresponding record in this table. It contains the logical filename for the line to be used for sending rate requests to the external rating system.

Estimated Volume: 4

Primary Key:

Server Process Name

Record length: 40

Fields:

Name:	SERVER PROCESS NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Server Process Name <> “ ”
Description:	Identifies a rating system.

Name:	LOGICAL FLNAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(34)
Default:	Not null
Constraint:	Check Logical Flname<> “ ”
Description:	Identifies the line to the external rating system which will be used by the specified rating system.

RTPRD

Description:

Estimated Volume:

Primary Key:

Telco ID
From Period

Record length:

Fields

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	
Data Type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	

Name:	FROM PERIOD
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC 9(6)
Default:	No default not null
Constraint:	Check From Period Between 0 and 235959
Description:	

Name:	TO PERIOD
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC 9(6)
Default:	No default not null
Constraint:	Check To Period between 0 and 235959
Description:	

Name:	RATE PERIOD
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC X(1)
Default:	No default not null
Description:	

SCREEN (Screen)

Description:

This table identifies all the interactive screens, and identifies which function keys are available on each screen.

Estimated volume: 100

Primary Key: Screen ID

Record length: 73

Fields:

Name: SCREEN ID

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PICX(8)

Default: No default not null

Constraint: Check Screen ID <> “ ”

Description: Corresponds to the screen identifier in the upper-left corner of the screen.

Name: FUNC KEY ACCESS APPLIC

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC X(1)

Default: No default not null

2-341 SCREEN (Screen)

Values:	“ “ Not applicable “1” Applicable
Constraint:	Check Func Key Access Applc In (“ “, “1”)
Description:	Indicates whether function key level security applies to the screen. For example, this level of security is not necessary on menus, or query screens.
Name:	FUNC KEY AVAILABLE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(16)
Default:	No default not null
Values:	“ “ Not available “1” Available
Description:	Indicates whether an unshifted function key (F1-F16) is available for use on the screen.
Name:	FUNC KEY AVAILABLE SHIFT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(16)
Default:	No default not null
Values:	“ “ Not available “1” Available
Description:	Indicates whether a shifted function key (SF1-SF16) is available for use on the screen.
Name:	FUNC KEY DEFAULTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(16)
Default:	No default not null
Values:	“ “ Access Denied “1” Access Granted

Comments:	Should be blank if corresponding Availability indicator (above) is blank.
Description:	Contains the default value for access to an unshifted function key (F1-F16).
Name:	FUNC KEY DEFAULTS SHIFT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(16)
Default:	No default not null
Values:	" " Access Denied "1" Access Granted
Comments:	Should be blank if corresponding Availability indicator (above) is blank.
Description:	Contains the default value for access to a shifted function key (SF1-SF16).

SCRNLITS (Screen Literal Assignment)

Description:

This is an ENSCRIBE file which is used to associate screens with screen literals.

Estimated volume: 1000 / Language

Primary Key:

Screen Name
Screen No
Page No
Sequence No

Fields:

Name:	SCREEN NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(4)
Description:	This is the task name of the unit which displays this screen. It is the first four characters of the screen ID which appears in the upper-left corner of the screen.

Name:	SCREEN NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(4)
Description:	This is the last four characters of the screen ID which appears in the upper-left corner of the screen.

Name:	PAGE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	9(1)

Default:	1
Comments:	This identifies the page of a multi-page screen on which the literal appears.
Description:	
Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	9(4)
Description:	Position of the literal on the screen, counting left-to-right, top-to-bottom.
Name:	LITERAL NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	9(4)
Comments:	Must exist on Screen Literal table.
Description:	

SCROUTE (Screen Routing)

Description:

This table identifies the screens associated with each menu, and indicates which menu should be displayed when the user is returning from a lower level screen.

Estimated volume: 75

Primary Key:

Menu Name
Sequence No

Record length: 28

Alternate Key: Screen ID (Unique)

Index (Unique): SCROUTE0

By: SCREEN ID

Fields:

Name:	MENU NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check Menu Name <> “ ”
Description:	Corresponds to the screen identifier which appears in the upper-left corner of the menu.

Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Constraints:	Check Sequence No < > 0
Description:	Indicates the order of the options on the menu.

Name:	SCREEN ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Comments:	This can only appear on one menu. Must exist on Screen table.
Constraints:	Check Screen ID < > “ ”
Description:	Corresponds to the screen identifier which appears in the upper-left corner of the screen.
Name:	PROGRAM NAME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Comments:	Mandatory for non-menu screens.
Constraints:	
Description:	This is the Requester Unit to call when a non-menu screen is selected. It is blank when the destination Screen ID is a menu.

SCRTEXT (Screen Text)

Description:

This table contains the descriptions for each interactive screen. It is used to display the menu options on menus.

Estimated volume: 2 / Screen

Primary Key: **Screen ID**
Language CD

Record length: 68

Alternate Key: **Language CD**
Screen Mnemonic

Index (Unique): **SCRTEXT0**
By: LANGUAGE CD
SCREEN MNEMONIC

Fields:

Name:	SCREEN ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraints:	Check Screen Id < > “ ”
Comments:	Must exist on Screen table.
Description:	Corresponds to the screen identifier in the upper-left corner of the screen.

Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Comments:	Must exist on Language table.

Constraint:	Check Language CD Between 1 and 9
Description:	
Name:	SCREEN MNEMONIC
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Comments:	With language, must be unique on this table.
Constraint:	Check Screen Mnemonic <> “ “
Description:	Identifies the characters which may be entered by the user to GO TO the screen.
Name:	SCREEN DESCRIPTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(50)
Default:	No default not null
Comments:	Check Screen Description <> “ “
Constraint:	
Description:	This description is what appears on the menus for the screens.

SERVLEV (Service Level)

Description:

This table contains the service level restriction information assigned to a service level configuration. Each terminal will be assigned a service level configuration ID.

Estimated Volume:
Primary Key:

Telco ID

Config ID

Record length: 59

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Description:	Identifies the Telco under which this record was created

Name:	CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Description:	

Name:	RESTRICTION LEVEL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)

Default:	No default not null
Values:	0 No restrictions - DISABLED 1 Emergency calling only 2 Deny all Coin and Smart Card calls 3 No End-to-End Signalling (Coin and Smart Card)
Description:	
Name:	START TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Description:	The time when the restriction is applied.
Name:	DURATION TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Description:	The duration of the restriction (hours/minutes).
Name:	SPARES
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Description:	Spare bytes for future use.

SMCARD (Smart Card Parameters Table)

Description:

This table is used to set up different configurations of smart cards by telco.

Estimated Volume:

Primary Key: Telco ID

Record length: 288

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

Name:	DES KEY 1 - 8
Mand/Opt'l:	Optional
Occurrences:	20
Data type:	PIC X(16)
Default	0 not null
Description:	Contains an 8 byte DES KEY

Name:	MULTIPLIER 1 - 15
Mand/Opt'l:	Optional
Occurrences:	15
Data type:	Numeric (1,0) unsigned
Default:	0 not null
Range:	0 - 3

Constraint:	Check Multiplier 1 Between 0 and 3 Similar constraints exist for Multipliers 2-14.
Description:	Value multiplier with the following hardcoded definition: 0 = 1 value 1 = 5 value 2 = 10 value 3 = 25 value
Note:	Multiplier and Max Unit fields are intermixed, so they look like this in the database: MULTIPLIER 1, MAX UNIT 1, MULTIPLIER 2, MAX UNIT 2, and so on.
Name:	MAX UNIT 1 - 15
Mand/Opt'l:	Optional
Occurrences:	15
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Range:	0 - 16383
Constraint:	Check Max Unit 1 Between 0 and 16383 Similar constraints exist for Max Units 2-14
Description:	This field contains the Maximum units allowed on this type of smart card.
Note:	Multiplier and Max Unit fields are intermixed, so they look like this in the database: MULTIPLIER 1, MAX UNIT 1, MULTIPLIER 2, MAX UNIT 2, and so on.
Name:	SMART CARD INTRALATA REBATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Format:	\$\$\$\$¢
Description:	Amount deducted from rate for smart card intralatacalls. Format \$\$\$¢¢

2-353 SMCARD (Smart Card Parameters Table)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SMART CARD IXL REBATE Numeric (5,0) signed 0 not null Amount deducted from rate for smart card international calls. Format \$\$\$¢¢.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SMART CARD LOCAL REBATE Numeric (5,0) signed Amount deducted from rate for smart card local calls. Format \$\$\$¢¢.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SMART CARD INTERLATA REBATE Numeric (5,0) signed 0 not null Amount deducted from rate for smart card interlata calls. Format \$\$\$¢¢.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SMART CARD DA REBATE Numeric (5,0) signed 0 not null Amount deducted from rate for smart card Directory assistance calls. Format \$\$\$¢¢
Name: Mand/Opt'l: Occurrences: Data type:	SMART CARD 1 800 REBATE Numeric (5,0) signed

<p>Default: 0 not null Description: Amount deducted from rate for smart card 1-800 calls. Format \$\$\$cc</p>
<p>Name: LOCAL LMS ADDITIONAL REBATE Mand/Opt'l: Occurrences: Data type: Numeric (5,0) signed Default: 0 Description: Amounted deducted from the rate for local (LMS) additional rate rebate. Format \$\$\$cc.</p>
<p>Name: INTRALATA ADDITIONAL REBATE Mand/Opt'l: Occurrences: Data type: Numeric (5,0) signed Default: 0 Description: Amount deducted from the rate for the intra-lata additional rate rebate. Format \$\$\$cc.</p>
<p>Name: INTERLATA ADDITIONAL REBATE Mand/Opt'l: Occurrences: Data type: Numeric (5,0) signed Default: 0 Description: Amount deducted from the rate for the inter-lata additional rate rebate. Format \$\$\$cc.</p>
<p>Name: IXL ADDITIONAL REBATE Mand/Opt'l: Occurrences: Data type: Numeric (5,0) signed Default: 0 Description: Amount deducted from the rate for international additional rate rebate. Format \$\$\$cc.</p>

2-355 SMCARD (Smart Card Parameters Table)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DA ADDITIONAL REBATE Numeric (5,0) signed 0 Amount deducted from the rate for the directory assistance additional rate rebate. Format \$\$\$¢¢.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ONE 800 ADDITIONAL REBATE Numeric (5,0) signed 0 Amount deducted from the rate for the 1-800 additional rate rebate. Format \$\$\$¢¢.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DATAJACK INITIAL SURCHARGE Numeric (5,0) signed 0 Initial surcharge for a datajack call. Format \$\$\$¢¢.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DATAJACK ADDITIONAL SURCHARGE Numeric (5,0) signed 0 Additional surcharge for a datajack call. Format \$\$\$¢¢.
Name: Mand/Opt'l: Occurrences: Data type: Default:	SPARE Optional 1 PIC X(12) 0

SPARE (Spare Table)

Description:

This is a free format table to enable terminal developers to quickly implement new downloadable information in a temporary location without requiring any Millennium Manager changes.

Estimated Volume:

Primary Key: Telco ID
Configuration ID

Record length: 2008

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ “
Description:	Must exist in the Telco table.

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ “

Name:	FIELD 1-20
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(100)
Default:	0
Description:	For future use

STATAX (State Tax)

Description:

Estimated volume:

Primary key:

Telco ID

NPA NXX

Record length:

Fields:

Name: **TELCO ID**

Mand/Opt'l: Mandatory

Occurrences

Data type: PIC X(2)

Default: No default not null

Constraint: Check Telco ID <> “ “

Description: =

Name: **NPA NXX**

Mand/Opt'l

Occurrences

Data type: PIC X(6)

Default: No default not null

Description:

Name: **STATE CODE**

Mand/Opt'l

Occurrences

Data type: PIC X(2)

Default: No default not null

Description:

Name:	STATE TAX RATE
Mand/Opt'l Occurrences	
Data type:	Numeric (3, 1) unsigned
Default:	0 not null
Description:	
Name:	LOCAL TAX RATE
Mand/Opt'l Occurrences	
Data type:	Numeric (3, 1) unsigned
Default:	0 not null
Description:	
Name:	OTHER TAX RATE
Mand/Opt'l Occurrences	
Data type:	Numeric (3, 1) unsigned
Default:	0 not null
Description:	
Name:	GROSS RECEIPT RATE
Mand/Opt'l Occurrences	
Data type:	Numeric (3, 1) unsigned
Default:	0 not null
Description:	

SVCASHS (Terminal Save Cash Box Status)

Description:

This table contains cash box status information of a terminal prior to a software version change. It is derived from the Terminal Cash Box Status and Terminal Software Version messages.

Estimated Volume: 1 / Upgraded Terminal / Day

Primary Key:

Terminal ID
Effective Dt
Effective Tm

Record length: 63

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	EFFECTIVE DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Effective date of the software version change, in the Millennium Manager's local time.

Name:	EFFECTIVE TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Description:	Effective time of the software version change, in the Millennium Manager's local time.
Name:	CONTROL ROM EDITION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(7)
Default:	Not null
Description:	
Name:	CASH BOX STATUS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null
Values:	See Cash Box Status in table TCOLLECT for bit values.
Description:	
Name:	PERCENT FULL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 100
Description:	Indicates how full the cash box is.

2-361 SVCASHS (Terminal Save Cash Box Status)

Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	CURRENCY VALUE Optional 1 Numeric (9,2) unsigned Not null dollars and cents Contains the total value of the currency in the cash box.
Name: Mand/Opt'l: Occurrences: Data type: Default: Comments: Description:	NUMBER OF (COINS) Optional 4 Numeric (5,0) unsigned Not null See the Coin Value field in COINVL table for the definition of occurrences. Indicates the number of coins in the cash box for each coin type.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	TELCO ID Mandatory 1 PIC X(2) No default not null Check Telco ID <> " " Identifies the Telco under which this record was created.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	REGION CODE Mandatory 1 PIC X(3) Not null Check Region Code <> " " Identifies the Region under which this record was created.

SYSPARM (System Parameters)

Description:

This table contains system default parameters, which are used by the Millennium Manager when values are not available or have not been defined elsewhere.

Estimated volume: 1

Primary Key: **None - Entry-sequenced**

Record length: 30

Fields:

Name:	DESTINATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(15)
Default:	0 not null
Comments:	With Telco, must exist on Destination table.
Constraint:	Check Destination ID <> “ ”
Description:	

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Picture:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table. With Destination, must exist on Destination table. With Printer, must exist on Printer table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created

2-363 TALARM (Terminal Alarm)

Name:	PRINTER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(7)
Comments:	With Telco, must exist on Printer table.
Constraint:	Check Printer ID <> “ ”
Description:	
Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Comments:	Must exist on Language table, as an Millennium Manager screen language.
Constraint:	Check Language CD > 0
Description:	

TALARM (Terminal Alarm)

Description:

This table contains alarms received from a terminal and the date/time that the terminal generated them. An alarm may have been stored by the terminal until it could contact the Millennium Manager, and therefore the date/time the terminal generated the alarm might not be the same as the date/time the Millennium Manager received it.

Estimated Volume: 25 / Terminal / Year

Primary Key:

Terminal ID
Received Dt
Received Tm
Alarm ID

Record length: 50

Alternate Key:

Telco ID
Received Dt
Received Tm
Archive Ind

Index (Not unique): TALARMO

By: TELCO ID,
RECEIVED DT,
RECEIVED TM,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Constraint:	Check Telco ID <> “ ”
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the alarm was received by the Millennium Manager, in the Millennium Manager's local time.

2-365 TALARM (Terminal Alarm)

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the alarm was received by the Millennium Manager, in the Millennium Manager's local time.
Name:	ALARM ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Description:	Unique identifier assigned to an alarm.
Name:	START DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the alarm was generated by the terminal, in the terminal's local time.
Name:	START TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.

Description:	Time at which the alarm was generated by the terminal, in the terminal's local time.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraints:	Check Telco Id <> “ “
Description:	Identifies the Telco under which this record was created.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ “
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TALYTD (Terminal Alarm YTD)

Description:

This table keeps a current count of the type and number of alarms generated by the terminal. The count is represented on a month by month basis.

Estimated Volume: 120 / Terminal / Year

Primary Key:

Terminal ID
Alarm Year
Alarm Mnth
Alarm ID
Region Code

Record length: 30

Alternate Key:

Telco ID
Alarm Year
Alarm Mnth
Archive Ind

Index (Not unique): TALYTD0

By: TELCO ID,
ALARM YEAR,
ALARM MNTH,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null

Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	ALARM YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Indicates the year for which the alarm specified in the Alarm ID field was generated from the terminal.
Name:	ALARM MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Format:	MM
Description:	Indicates the month for which the alarm specified in the Alarm ID field was generated from the terminal.
Name:	ALARM ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Description:	Unique identifier assigned to an alarm.
Name:	ALARM CNT
Mand/Opt'l:	Optional
Occurrences:	1
Default:	Not null
Data type:	Numeric (9,0) unsigned

2-369 TALYTD (Terminal Alarm YTD)

Description:	Indicates the number of alarms received from the terminal for the Alarm ID as specified above for the year and month specified in Alarm Year and Alarm Month.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	TELCO ID Mandatory 1 PIC X(2) No default not null Check Telco ID <> “ “ Identifies the Telco under which this record was created.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	REGION CODE Mandatory 1 PIC X(3) No default not null Check Region Code <> “ “ Identifies the Region under which this record was created.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Constraint: Description:	ARCHIVE IND Optional 1 PIC X(1) 0 not null “0” No “1” Yes Check Archive Ind In (“0”, “1”) Indicates whether this record has been archived.

TAUTH (Terminal Card Authorization)

Description:

This table contains the card authorization details returned by the terminal.

Using credit and calling cards causes terminals to generate authorization requests and send them to the Millennium Manager. When the MM receives and processes the request, it writes a combination authorization request and response record to the transaction log file. Follow-on calls may or may not generate a second authorization request depending on terminal configuration.

Card authorization records and call detail records are linked through the sequence number generated by each terminal. Sequence numbers are unique for each terminal for each day. (Unique Key = Terminal ID + Sequence No. + Date) An authorization record may be associated with one, multiple (follow-on) or no (because of an incomplete call) call detail records.

Estimated Volume: 40 / Terminal / Day

Primary Key:

Terminal ID

Received Dt

Received Tm

Record length: 194

Alternate Key 1:

Card Number

Alternate Key 2:

Telco ID

Received Dt

Received Tm

Archive Ind

2-371 TAUTH (Terminal Card Authorization)

Index (Not unique): TAUTH0

By: CARD NUMBER

Index (Not unique): TAUTH1

By: TELCO ID,

RECEIVED DT,

RECEIVED TM,

ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name: RECEIVED DT

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC 9(8)

Default: No default not null

Format: YYYYMMDD

Description: Date on which the card authorization information was received by the Millennium Manager, in the Millennium Manager local time.

Name: RECEIVED TM

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC 9(8)

Default: No default not null

Format: HHMMSSCC

Range: 00000000 - 23595999

Comments:	Must have a valid Time format.
Description:	Time at which the card authorization information was received by the Millennium Manager, in the Millennium Manager local time.
Name:	INTERNATIONAL CALL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No 1 Yes
Description:	Indicates whether the call was an international call.
Name:	CALLED TELEPHONE NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	Not null
Description:	This field contains the called number for non-summary records. Starting with MTR 1.9 terminals, this field contains a peg count of MDS calls for summary local smart card calls.
Name:	CARRIER XREF NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	The terminal populates this field with carrier cross reference number from the Card table.

2-373 TAUTH (Terminal Card Authorization)

Name:	CARD NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	Not null
Comments:	Formatted Authorization Request message field.
Description:	Unique identifier assigned to a credit card or calling card that is used to identify how payment is made for the call.
Name:	SERVICE CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Comments:	Formatted Authorization Request message field.
Description:	
Name:	CARD EXPIRY DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	YYYYMM
Comments:	Formatted Authorization Request message field.
Description:	
Name:	INITIAL DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	YYYYMM
Comments:	Formatted Authorization Request message field.
Description:	

Name:	DISCRETIONARY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Comments:	Formatted Authorization Request message field.
Description:	
Name:	SPARE FORMATTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Comments:	Spare field used in the Formatted Authorization Request.
Description:	
Name:	CARD DATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Comments:	Unformatted Authorization Request data.
Description:	
Name:	PIN
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(5)
Default:	Not null
Constraint:	Check PIN Ind In ("0", "1")
Description:	

2-375 TAUTH (Terminal Card Authorization)

Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Comments: Description:	CALL TYPE Optional 1 PIC 9(3) 0 not null See call type (CALLTYP) table for values. Must exist on Call Type table.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Comments: Description:	CARD REF NO Optional 1 PIC 9(3) No default not null 0 - 255 The value of zero will be reserved for the coin call. Indicates the unique identifier value assigned in the CARD Table to the Card.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SEQUENCE NO Optional 1 Numeric (5,0) unsigned Not null A unique number generated by the terminal.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	AUTHORIZATION NO Optional 1 Numeric (4,0) unsigned Not null The authorization response returned by an external validation service.

Name:	EXTERNAL EXCEPTION IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Values:	0 No exceptions occurred 01 - 50 Non Fatal Exception Indicators (GDS Reply) 51 - nn Fatal Exception Indicators (GDS Reply) 81 General Failure 82 Financial Institution not available 83 Response Threshold has been exceeded 84 Response Code from the Fin. Inst. not found 96 Record not found in Hotrange table so authorization deny 97 Record found in Hotlist table so authorization deny
Description:	Indicates whether an error occurred during external validation.
Name:	EXTERNAL VALDTN DEST IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Values:	see Hotlist Range (HOTRNG) table for values.
Description:	This is the equivalent of the External Validation destination on the Hotlist Range table. It indicates the type of validation which was performed.

2-377 TAUTH (Terminal Card Authorization)

Name:	EXTERNAL RESPONSE CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Description:	Response returned from external system.
Name:	EXTERNAL AUTHORIZATION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Authorization code returned from external system.
Name:	CALL DISPOSITION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	Not null
Range:	0 - 255
Values:	0 Accept 1 - 127 Reject 128 - 255 Accept
Description:	Indicates the result of the card authorization request.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Description:	For future use

Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	Not null
Description:	For future use
Name:	FOLLOW ON IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Values:	"0" No "1" Yes
Description:	Validation of a Follow-On call.
Name:	TELCO PIN IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PICX(1)
Default:	0 not null
Constraints:	Check Telco Pin Ind In ("0", "1")
Description:	
Name:	MANUALLY DIALED CARD NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Manually Dialed Card Number In ("0", "1")
Description:	Indicates whether the card number was manually entered at the payphone.

2-379 TAUTH (Terminal Card Authorization)

Name:	SPARE FLAG 3-5
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	Used to support Smart Card Indicator field from Control Byte Bit 5.
Name:	PAYMENT TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Values:	See call type (CALLTYPE) table for values.
Range:	0 - 15
Description:	Type of payment whether coin, card, or free/bill to third party.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.

Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Archive Ind In ("0", "1")
Description:	Indicates whether this record has been archived.

TCALLST (Terminal Call Statistics)

Description:

This table contains the summary call statistics recorded by the terminals and uploaded to the Millennium Manager during their scheduled call-ins. The records contain statistical information for all calls. The types of calls (i.e., 0-, 0+, 1+, etc.) refer to those dialed by the terminal, not the user. This means that if the user dials a 0+ call and the terminal dials it out as a 1+ call, the statistic for 1+ calls (toll) is incremented.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Summary Period Start Dt
Summary Period Start Tm

Record length: 180

Alternate Key:

Telco ID
Archive Ind
Received Dt
Received Tm

2-381 TCALLST (Terminal Call Statistics)

Index: TCALLST0

TELCO ID,
ARCHIVE ID
RECEIVED DT
RECEIVED TM

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Call Statistics, in the terminal local time.
Name:	SUMMARY PERIOD START TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default	SYSTEM not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal began recording Call Statistics, in the terminal local time.

2-383 TCALLST (Terminal Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default Format: Description:	SUMMARY PERIOD STOP DT Optional 1 PIC 9(8) SYSTEM not null YYYYMMDD Date on which the terminal finished recording Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default Format: Range: Comments: Description:	SUMMARY PERIOD STOP TM Optional 1 PIC 9(6) SYSTEM not null HHMMSS 000000 - 235959 Must have a valid Time format. Time at which the terminal finished recording Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOTAL CARD CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of card calls (including follow-on).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	FREE CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of free calls. Note that 0- and 0+ calls are not considered as free calls.

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INCOMING CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of answered incoming calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	UNANSWERED CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of calls for which dialing was finished but which were not established. For supervised calls, no answer supervision received. Statistics do not exist for unsupervised calls (call is immediately established after dialing).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ABANDONED CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of calls after the user goes off-hook (or uses the next call button) but the terminal does not have a chance to finish dialing the number.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL CARD CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of local card calls completed for numbers of 7 digits or less, and for all numbers identified as local calls based on the NXX tables.

2-385 TCALLST (Terminal Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOLL CARD CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of Intra-lata (including 011+) card calls completed (as dialed by the terminal, not the user).
Name: Mand/Opt'l: Occurrences: Data Type: Default: Description:	OPERATOR CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of 0- calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ZERO PLUS CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of 0+ and 01+ calls (as dialed by the terminal, not the user).
Name: Mand/Opt'l: Occurrences: Data Type: Default: Description:	FOLLOW ON CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of calls started using the next call button. Statistics are recorded when the next call button is pushed and the terminal is in the state to do a next call. It is not necessary to complete the call.

Name:	REP DIALER PEG CNT (1-10)
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of call attempts for each of the Rep Dialer buttons. Each peg count corresponds to a Rep Dialer Button on the terminal. Note that the peg count is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user.=
Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) unsigned
Format:	DDHMMSS
Default:	SYSTEM not null
Description:	The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or: b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL TIME OFF HOOK
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) unsigned
Format:	DDHMMSS
Default:	SYSTEM not null
Description:	The total amount of time the receiver was off-hook.

2-387 TCALLST (Terminal Call Statistics)

Name:	TOTAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of coin paid calls completed.
Name:	LOCAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of local coin calls completed for numbers of 7 digits or less, and for all numbers identified as local calls based on the NXX tables.
Name:	TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of Intra-lata (including 011+) coin calls completed (as dialed by the terminal, not the user).
Name:	FAIL TO POTS CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of Fail-to-POTS calls.

Name:	INTER LATA TOLL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0
Description:	The number of Inter-lata card calls completed.
Name:	INTER LATA TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of Inter-lata coin calls completed.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	For future use
Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	For future use
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> " "
Description:	Identifies the Telco under which this record was created.

2-389 TCALSTE (Terminal Call Statistics Enhanced)

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TCALSTE (Terminal Call Statistics Enhanced)

Description:

This table contains the enhanced summary call statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls. The types of calls (i.e., 0-, 0+, 1+, etc.) refer to those dialed by the terminal, not the user. This means that if the user dials a 0+ call and the terminal dials it out as a 1+ call, the statistic for 1+ calls (toll) is incremented.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Summary Period Start Date
Summary Period Start Time

Record length: 188

Alternate key:

Telco ID
Summary Period Start Date
Summary Period Start Time
Archive Ind

Index (Not unique): TCALSTE1

By: TELCO ID,
SUMMARY PERIOD START DATE,
SUMMARY PERIOD START TIME,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

2-391 TCALSTE (Terminal Call Statistics Enhanced)

Name:	RECEIVED DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Constraint:	Check Received Date <> 0
Description:	Date on which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Call Statistics, in the terminal local time.

Name:	SUMMARY PERIOD START TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal began recording Call Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal finished recording Call Statistics, in the terminal's local time.
Name:	SUMMARY PERIOD STOP TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal finished recording Call Statistics, in the terminal's local time.

2-393 TCALSTE (Terminal Call Statistics Enhanced)

Name:	LOCAL CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local calls completed.
Name:	INTRA LATA CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of intra-lata calls completed.
Name:	INTER LATA CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of inter-lata calls completed.
Name:	INTERNATIONAL CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international calls completed.
Name:	INCOMING CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of answered incoming calls.

Name:	UNANSWERED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of calls for which dialing was finished but which were not established. For supervised calls, no answer supervision received. Statistics do not exist for unsupervised calls (call is immediately established after dialing).
Name:	ABANDONED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of calls after the user goes off-hook (or uses the next call button) but the terminal does not have a chance to finish dialing the number.
Name:	OPERATOR ASSISTED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0- calls.
Name:	ZERO PLUS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0+ and 01+ calls (as dialed by the terminal, not the user).

2-395 TCALSTE (Terminal Call Statistics Enhanced)

Name:	FREE 1 800 CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 1-800 calls that were free.
Name:	DENIED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of denied calls.
Name:	DIRECTORY ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of directory assistance calls completed.
Name:	FREE CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of free calls, excluding Feature Group B calls (i.e., 0- and 0+ calls are not considered free calls.)
Name:	FOLLOW ON CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null

Description:	The number of calls started using the next call button. Statistics are recorded when the next call button is pushed and the terminal is in the state to do a next call. It is not necessary to complete the call.
Name:	FAIL TO POTS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of Fail-to-POTS calls.
Name:	REP DIALER CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calls made using rep dialer keys.
Name:	REP DIALER PEG COUNT (1-10)
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of completed calls for each of the Rep Dialer buttons. See note below.
Note: Each peg count corresponds to a Rep Dialer Button on the terminal. Note that the peg count is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user. For buttons that are defined as Information Only or Carrier the peg counts will indicate button pushes.	

2-397 TCALSTE (Terminal Call Statistics Enhanced)

Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL TIME OFF HOOK
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total amount of time the receiver was off-hook.
Name:	FREE FEATURE GRP B COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of Feature Group B calls.
Name:	DATAJACK CALLS ATTEMPTS COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of datajack calls attempted

Name:	BILLABLE 1 800 CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Description:	Number of completed billable 1-800 calls.
Name:	DATAJACK CALLS COMPLT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of Datajack calls completed.
Name:	TELCO ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on the Telco table.
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TCARRST (Terminal Carrier Call Statistics)

Description:

This table contains the carrier call statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. These records contain statistical information for all calls.

Estimated Volume: 12 / Terminal / Day

Primary Key:

Terminal ID
Summary Period Start Dt
Summary Period Start Tm
Carrier Xref Number

Record length: 82

Alternate Key:

Telco ID
Summary Period Start Dt
Summary Period Start Tm
Archive Ind

Index (Not unique): TCARRST1

By: TELCO ID,
SUMMARY PERIOD START DT,
SUMMARY PERIOD START TM,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)

Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Carrier Call Statistics, in the terminal local time.

2-401 TCARRST (Terminal Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Format: Default: Range: Comments: Description:	SUMMARY PERIOD START TM Mandatory 1 PIC 9(6) HHMMSS No default not null 000000 - 235959 Must have a valid Time format. Time at which the terminal began recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Format: Default: Range: Comments: Description:	SUMMARY PERIOD STOP DT Optional 1 PIC 9(8) YYYYMMDD No default not null Date on which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Range: Comments: Description:	SUMMARY PERIOD STOP TM Optional 1 PIC 9(6) No default not null HHMMSS 000000 - 235959 Must have a valid Time format. Time at which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default:	CARRIER XREF NUMBER Mandatory 1 Numeric (3,0) unsigned Not null

Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	Carrier cross reference number.
Name:	IXC CARD CALLS COMPLETE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of card calls (1+) completed using carrier.
Name:	IXC COIN CALLS COMPLETE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of coin calls completed using carrier.
Name:	IXC ZERO PLUS CARD CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of 0+ card calls completed using carrier.
Name:	IXC OTHER CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of other calls completed using carrier.

2-403 TCARRST (Terminal Carrier Call Statistics)

Name:	SPARE COUNTER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Description:	Spare counter for future use.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Comments:	Must exist on the Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Identifies whether this record has been archived.

TCARRST (Terminal Carrier Call Statistics)

Description:

This table contains the enhanced carrier call statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls.

Estimated Volume: 1/Terminal/Carrier/Day

Primary Key:

Terminal ID
Summary Period Start Date
Summary Period Start Time
Carrier Cross Reference Num

Record length: 290

Alternate Key:

Telco ID
Summary Period Start Date
Summary Period Start Time
Archive Ind

Index (Not unique): TCARSTE1

By: TELCO ID,
SUMMARY PERIOD START DATE,
SUMMARY PERIOD START TIME,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)

2-405 TCARRST (Terminal Carrier Call Statistics)

Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	RECEIVED DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Carrier Call Statistics, in the terminal local time.

Name:	SUMMARY PERIOD START TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal began recording Carrier Call Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC S9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null
Format:	HHMMSS
Default:	Range: 000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name:	CARRIER CROSS REFERENCE NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(3)
Default:	No default not null

2-407 TCARRST (Terminal Carrier Call Statistics)

Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	Carrier cross reference number
Name:	STATISTICS VINTAGE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	Used to determine which fields are supported by this terminal type 1 = reserved for backwards compatibility with MTR 1.7 / 1.9 2 = MTR 2.2
Name:	LOCAL COIN COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Default:	Not null
Data type:	Numeric (5,0)
Description:	Number of local coin calls completed.
Name:	LOCAL CREDIT CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local commercial credit cards completed.
Name:	LOCAL SMART CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local smart card calls completed.

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL MONDEX CARD COUNT Optional 1 Numeric (5,0) Not null Number of local Mondex card calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL VISA STORED VALUE COUNT Optional 1 Numeric (5,0) Not null Number of local Visa Stored Value card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL SMART CITY COUNT Optional 1 Numeric (5,0) Not null Number of local SmartCity calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PROTON COUNT Optional 1 Numeric (5,0) Not null Number of local Proton calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PAYMENT TYPE C COUNT Optional 1 Numeric (5,0) Not null Number of local Type C calls completed

2-409 TCARRST (Terminal Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PAYMENT TYPE D COUNT
	Numeric (5,0) Not null Number of local Type D calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PAYMENT TYPE E COUNT
	Numeric (5,0) Not null Number of local Type E calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL CALLING CARD NCC
	Optional 1 Numeric (5,0) Not null Number of calling card calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL CALLING CARD ACCS
	Optional 1 Numeric (5,0) Not null Number of calling card calls completed through ACCS.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA COIN COUNT
	Optional 1 Numeric (5,0) Not null Number of intra-lata coin calls completed.

Name:	INTRA LATA CREDIT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of intra-lata commercial credit card calls completed.
Name:	INTRA LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of intra-lata Smart card calls completed.
Name:	INTRA LATA MONDEX COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of intra-lata Mondex card calls completed.
Name:	INTRA LATA VISA STORE VAL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of intra-lata Visa stored value card calls completed.
Name:	INTRA LATA SMART CITY COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null

2-411 TCARRST (Terminal Carrier Call Statistics)

Description:	Number of such calls completed.
Name:	INTRA LATA PROTON COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE C CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE D CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE E CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA CALLING NCC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric(5,0)
Default:	Not null
Description:	Number of intra-lata calling card calls completed through the Millennium Manager.

Name:	INTRA LATA CALLING ACCS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of intra-lata calling card calls completed through ACCS.
Name:	INTER LATA COIN COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of inter-lata coin calls completed.
Name:	INTER LATA CREDIT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of inter-lata commercial credit card calls completed.
Name:	INTER LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of inter-lata smart card calls completed.
Name:	INTER LATA MONDEX COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of completed inter-lata Mondex card calls

2-413 TCARRST (Terminal Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA VISA STORE VAL COUNT
	Numeric (5,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA SMART CITY COUNT
	Numeric (5,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PROTON COUNT
	Numeric (5,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PAYMENT TYPE C CNT
	Numeric (5,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PAYMENT TYPE D CNT
	Numeric (5,0) Not null Number of such calls completed.

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PAYMENT TYPE E CNT
	Numeric (5,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CALLING NCC
	Optional 1 Numeric (5,0) Not null Number of inter-lata calling card calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CALLING ACCS
	Optional 1 Numeric (5,0) Not null Number of inter-lata calling card calls completed through ACCS.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL COIN COUNT
	Optional 1 Numeric (5,0) Not null Number of international coin calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default:	IXL CREDIT CARD COUNT
	Optional 1 Numeric (5,0) Not null

2-415 TCARRST (Terminal Carrier Call Statistics)

Description:	Number of international commercial credit card calls completed.
Name:	IXL SMART CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international smart card calls completed.
Name:	IXL MONDEX CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international Mondex card calls completed
Name:	IXL VISA STORED VALUE COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international Visa stored value card calls completed
Name:	IXL SMART CITY COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number such calls completed through the Millennium Manager.

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL PROTON COUNT
	Numeric (5,0) Not null Number such calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL PAYMENT TYPE C COUNT
	Numeric (5,0) Not null Number such calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL PAYMENT TYPE D COUNT
	Numeric (5,0) Not null Number such calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL PAYMENT TYPE E COUNT
	Numeric (5,0) Not null Number such calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type:	IXL CALLING NCC COUNT
	Optional 1 Numeric (5,0)

2-417 TCARRST (Terminal Carrier Call Statistics)

Default:	Not null
Description:	Number of international calling card calls completed through the Millennium Manager.
Name:	IXL CALLING ACCS COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international calling card calls completed through ACCS.
Name:	OPERATOR ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0- calls.
Name:	ZERO PLUS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0+ and 01+ calls (as dialed by the terminal, not the user).
Name:	FREE FEATURE GRP B COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of Feature Group B calls.

Name:	DIRECTORY ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of directory assistance calls completed.
Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL INSERT MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calls made using calling and commercial credit cards does not include smart cards.
Name:	TOTAL MANUAL MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calls made by entering card number manually- intra-lata calls only.

2-419 TCARRST (Terminal Carrier Call Statistics)

Name:	SPARE COUNTER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Spare counter.
Name:	TELCO ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on the Telco table.
Description:	Identifies the Telco under which this record was created
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Archive Ind In ("0", "1")
Description:	Identifies whether this record has been archived.

TCASHST (Terminal Cash Box Status)

Description:

This table contains the cash box status records received from the terminals.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 80

Alternate Key 1:

Terminal ID
Telco ID
Received Dt

Alternate Key 2:

Telco ID
Archive Ind
Received Dt
Received Tm

Index (Not unique): TCASHST0

By: TERMINAL ID,
TELCO ID,
RECEIVED DT

Index (Not unique): TCASHST1

By: TELCO ID,
ARCHIVE IND,
RECEIVED DT,
RECEIVED TM

2-421 TCASHST (Terminal Cash Box Status)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Cash Box Status record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Description:	Time at which the Cash Box Status record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	CASH BOX STATUS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null

Values:	Refer to Cash Box Status in table TCOLLCT.
Description:	Refer to Cash Box Status in table TCOLLCT.
Name:	BOX NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Unique identifier of the current cash box in the terminal.
Name:	PERCENT FULL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 100
Description:	Indicates how full the cash box is.
Name:	CURRENCY VALUE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,2) unsigned
Default:	Not null
Units:	dollars and cents
Description:	Contains the total value of the currency in the cash box.
Name:	NUMBER OF CDN NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	

2-423 TCASHST (Terminal Cash Box Status)

Name: NUMBER OF CDN DIMES	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name: NUMBER OF CDN QUARTERS	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name: NUMBER OF CDN DOLLARS	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name: NUMBER OF US NICKELS	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name: NUMBER OF US DIMES	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	

Name:	NUMBER OF US QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> " "
Description:	Identifies the Telco for this record
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> " "
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null

2-425 TCDR (Terminal Call Detail)

Values:	"0"	No
	"1"	Yes
Constraint:	Check Archive Ind In ("0", "1")	
Description:	Indicates whether this record has been archived.	

TCDR (Terminal Call Detail)

Description:

This table contains the call detail records (CDRs) received from the terminals. All call detail records contain a sequence number generated by the terminal which is unique to each call attempt. Billable CDRs are forwarded to the billing system for billing.

Estimated Volume: 20 / Terminal / Day

Primary Key:

Terminal ID
Start Date
Start Time
Sequence No

Record length: 170

Alternate Key 1:

Terminal ID
Received Dt
Received Tm

Alternate Key 3:

Telco ID
Transmit MSA Dt
Transmit MSA Tm
Archive Ind

Index (Not unique): TCDR0

By: TERMINAL ID
RECEIVED DT
RECEIVED TM

Index (Not unique): TCDR2

By: TELCO ID,
TRANSMIT MSA DT,
TRANSMIT MSA TM,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the CDR record was received by the Millennium Manager, in the Millennium Manager's local time.

2-427 TCDR (Terminal Call Detail)

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the CDR record was received by the Millennium Manager, in the Millennium Manager's local time.
Name:	TRANSMIT MSA DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	0 not null
Format:	YYYYMMDD
Description:	Date on which the CDR record was processed by the billing function, in Millennium Manager local time. If this CDR was for a billable call, this is also the date on which the record was transmitted to the billing system for billing.
Name:	TRANSMIT MSA TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	0 not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.

Description:	Time at which the CDR record was processed by the billing function, in Millennium Manager local time. If this CDR was for a billable call, this is also the date on which the record was transmitted to the billing system for billing.
Name: TRANSMITTED IND Mand/Opt'l: Optional Occurrences: 1 Data type: PIC X(1) Default: 0 not null Values: "0" No "1" Yes	
Description:	Indicates whether the record was transmitted to the billing system for billing.
Name: INTERNATIONAL CALL IND Mand/Opt'l: Optional Occurrences: 1 Data type: PIC 9(1) Default: Not null Values: 0 No 1 Yes	
Description:	Indicates whether the call was an international call.
Name: REP DIALER CALL Mand/Opt'l: Optional Occurrences: 1 Data type: PIC 9(1) Default: No default not null Values: 0 – No 1 – Yes	
Description:	Indicates whether the call was a repertory dialer call.

2-429 TCDR (Terminal Call Detail)

Name:	SMART CARD FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Description:	This indicates that a smart card was used. This field was introduced in MSR 1.6, when there was no smart card payment type. It is obsolete now, and may be removed in a future release
Name:	CARD SPILL OCCURRED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Description:	Indicates that the card number was sent to the network.
Name:	MANUALLY DIALED CARD NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No 1 Yes
Description:	Indicates whether the card number was manually entered at the payphone.
Name:	FEATURE GROUP B
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Description:	Feature Group B is a category of free access to the carrier network. It usually uses 1-800 or 950xxx.

Name:	SPARE FLAG 6
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	For future use
Name:	CALLED TELEPHONE NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	Not null
Description:	This field contains the called number for non-summary records. Starting with MTR 1.9 terminals, this field contains a peg count of MDS calls for summary local smart card calls.
Name:	CARRIER XREF NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	Carrier cross reference number
Name:	CARD NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	" " not null
Description:	Unique identifier assigned to a credit card or calling card that is used to identify how payment is made for the call.

2-431 TCDR (Terminal Call Detail)

Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	AMOUNT CHARGED Optional 1 Numeric (9,2) unsigned 0 not null dollars and cents
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	AMOUNT COLLECTED Optional 1 Numeric (9,2) unsigned 0 not null <p>This field supports the zero-value smart card feature, where a smart card with less than the value of a local call, can be used for one call to zero-out the card.</p> <ul style="list-style-type: none">For local individual smart card CDR records, this field amount may be less than the amount charged.For summary smart card records this amount (collected value) would be less than the peg count times the local rate (expected value).For summary local CDRs, this field contains a peg count for the number of calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SEQUENCE NO Mandatory 1 Numeric (5,0) unsigned 0 not null A unique number generated by the terminal.

Name:	START DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the call began, in the terminal's local time.
Name:	START TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the call began, in the terminal's local time.
Name:	CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Comments:	Must have a valid Time format.
Description:	Stores the duration of the call in the format hours, minutes, seconds.
Name:	CD CALL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Values:	See call type (CALLTYPE) table for values.

2-433 TCDR (Terminal Call Detail)

Range:	0 - 255
Comments:	Call type numbers in post MSR 1.6 version are complex. The numbers are created by a combination of the payment type and call type.
Description:	
Name:	PAYMENT TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Values:	See call type (CALLTYP) table for values.
Range:	0 - 15
Description:	Type of payment whether coin, card, or free/bill to third party.
Name:	CA NOT AVAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	0 not null
Values:	0 No (Authorized Call) 1 Yes (Authorization not available)
Description:	Card Authorization Not Available.
Name:	POWER FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No (Normal power) 1 Yes (Power failure)
Description:	When set, indicates that a power failure has occurred. This will be cleared when a time synchronization occurs.

Name:	FOLLOW ON CALL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	0 not null
Values:	0 No 1 Yes
Description:	This indicates a call made using the Next Call button,
Name:	AUTHORIZATION RESPONSE CD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Response code returned in the Authorization Response request.
Name:	FLAGS BIT 0
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Flags Bit 0 In ("0", "1")
Description:	Used to support 10XXX Dialed by User field. These flags will be used to indicate the prefix digits dialed by the user. Refer to Table 2-4 and Table 2-5.

2-435 TCDR (Terminal Call Detail)

Table 2-4: Call prefixes

Action	Flags:		
	Bit 0	Bit 3	Bit 4
No prefix dialed by the user	0	0	0
1 prefix dialed by the user	0	0	1
0 prefix dialed by the user	0	1	0
10xxx-1 dialed by the user	1	0	1
10xxx-0 dialed by user	1	1	0
Bit 3 is Carrier PREFIX in the TCDR table			
Bit 4 is ZERO ONE ADDED OR CONVERTED in the TCDR table			

For international calls:

The international flag is set and the call type is international.

Table 2-5: International call prefixes

Action	Flags:		
	Bit 0	Bit 3	Bit 4
No prefix dialed by the user	Not applicable		
011 prefix dialed by the user	0	0	1
01 prefix dialed by the user	0	1	0
10xxx-011 dialed by the user	1	0	1
10xxx-01 dialed by user	1	1	0

Action	Flags:		
	Bit 0	Bit 3	Bit 4
Bit 3 is Carrier PREFIX in the TCDR table			
Bit 4 is ZERO ONE ADDED OR CONVERTED in the TCDR table			

Name:	FLAGS BIT 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Flags Bit 1 In (“0”, “1”)
Description:	Summary Local Smart Card Indicator. See explanation below.

A summary local smart card CDR will be sent up once per day and will replace CDRs for every local smart card call as the billable record. Individual local smart card CDRs can still be generated, in addition to the summary record, but will be treated as optional CDRs (not billable). Summary local records will also be generated for Mondex payment type. VISA payment type will generate individual local CDRS.

The summary record will contain the following information:

- all flags set to 0 except smart card indicator and summary local record
- call type will be local smart card
- card number, called number, auth code will be empty

2-437 TCDR (Terminal Call Detail)

- amount charged will be a cumulative field for value of all calls combined
- amount collected will be a peg count of number of calls in this period
- Start date / time will be when the record was opened. The terminal will store summary information in a temporary location and then open a CDR at midnight. Hence, the CDR start date will contain information for calls from the previous day
- duration will be the cumulative time from the individual CDR durations.
- sequence number will always be zero

If a summary CDR is empty it will not be sent up to the Millennium Manager.

Starting with the MTR 1.9 terminal vintage, individual summary smart card CDRs will be created based on the smart card application code and issue ID. Individual summary smart card CDRs will populate the fields as identified above with the following exceptions:

- card number will be a 6 digit number containing 9 + 3 digit application code + 2 digit issue ID (or card reference number)
- sequence number field will contain a normal CDR sequence number (unique for each record). The combination of terminal ID, start date, start time, sequence number will ensure a unique record.

Local summary Mondex records will continue to have a blank card number. The Mondex terminals will produce a summary transaction record once per day if there were any transactions (chargeable or free) at the terminal. The fields would be populated as follows:

- all flags set to 0 except summary local record flag
- call type will be Mondex ePurse transaction

- card number, called number, auth code will be empty (E terminated)
- amount charged will be a cumulative field for value of all transactions combined (if transactions are free, this field will contain 0)
- amount collected will be a peg count of number of transactions in this period
- Start date / time will be when the record was opened. The terminal will store summary information in a temporary location and then open a CDR at midnight. Hence, the CDR start date will contain information for transactions from the previous day
- duration will be zero (does not have meaning for transactions)
- sequence number will be a normal CDR sequence number (that will be unique)
- the combination of terminal ID, start date, start time, sequence number will ensure a unique record

If a transaction CDR is empty it will not be sent up to the Millennium Manager.

Name:	MULTIPLE SMART CARDS USED	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	"0"	No
	"1"	Yes
Constraint:	Check Multiple Smart Cards Used In ("0", "1") Description:Multiple CDRs will be generated for calls where multiple smartcards are used. The contents of the subsequent CDR will be the same as the initial CDR except for the fields shown in Table 2-6. Start time and date for all subsequent CDRs will be the same as the initial CDR.	

Table 2-6: CDR field changes for subsequent cards

Field	Contents
Card Number	will contain the new card number
Amount Collected	from the new card
Amount Charged	from the new card
Sequence Number	will be incremented by one. Required to avoid duplicate CDR issues
Duration	time applied / used against the new card
Multiple Smart Cards Used flag	set to one
Authorization Code	empty (null filled)
Card Reference Number	from the card table for the new card
Call Disposition	set to 0 (accept - no card table authorization performed)
Card Authorization Not Available flag	set to indicate no authorization
Power Fall Indication	set if power fail occurred while using new card

Name:	CARRIER PREFIX
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Carrier Prefix In ("0", "1")
Description:	Used to support 0 Prefix Dialed by User field in Flags Bit 3. Refer to Flags Bit 0 description in table TCDR This is a number the terminal uses to determine what a carrier number is (950, 10xxx, and so on).
Name:	ZERO ONE ADDED OR CONVERTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Zero One Added Or Converted In ("0", "1")
Description:	Used to support 1 Prefix Dialed by User field in Flags Bit 4. Refer to Flags Bit 0 description in table TCDR
Name:	POST MSR16 CDR
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Post MSR16 CDR In ("0", "1")
Description:	

2-441 TCDR (Terminal Call Detail)

Name:	CARD REF NO										
Mand/Opt'l:	Optional										
Occurrences:	1										
Data type:	PIC 9(3)										
Default:	255 not null										
Range:	0 - 255										
Comments:	<p>The value of zero will be reserved for the coin call.</p> <p>Description:Indicates the unique identifier value assigned in the Card Table to the card. The following definitions can be used for the new firmware:</p> <table><tbody><tr><td>0 to 62</td><td>Card ref number, neither bit 6 or 7 set</td></tr><tr><td>64 to 126</td><td>Card ref number, bit 6 set</td></tr><tr><td>128 to 190</td><td>Card ref number, bit 7 set (datajack call)</td></tr><tr><td>192 to 254</td><td>Card ref number, bit 6 and 7 set (datajack call)</td></tr><tr><td>63, 127, 191, 255</td><td>Reserved for compatibility, will never be generated</td></tr></tbody></table>	0 to 62	Card ref number, neither bit 6 or 7 set	64 to 126	Card ref number, bit 6 set	128 to 190	Card ref number, bit 7 set (datajack call)	192 to 254	Card ref number, bit 6 and 7 set (datajack call)	63, 127, 191, 255	Reserved for compatibility, will never be generated
0 to 62	Card ref number, neither bit 6 or 7 set										
64 to 126	Card ref number, bit 6 set										
128 to 190	Card ref number, bit 7 set (datajack call)										
192 to 254	Card ref number, bit 6 and 7 set (datajack call)										
63, 127, 191, 255	Reserved for compatibility, will never be generated										
Old firmware will generate ranges of:											
0 to 62	Card ref number										
255	Default										
Name:	CALL DISPOSITION										
Mand/Opt'l:	Optional										
Occurrences:	1										
Data type:	Numeric (3,0) unsigned										
Default:	0 not null										
Range:	0 - 255										
Values:	<table><tbody><tr><td>0</td><td>Accept</td></tr><tr><td>1 - 127</td><td>Reject</td></tr><tr><td>128 - 255</td><td>Accept</td></tr></tbody></table>	0	Accept	1 - 127	Reject	128 - 255	Accept				
0	Accept										
1 - 127	Reject										
128 - 255	Accept										

Description:	These codes are defined in the Card Authorization server parameters and are configurable by the system manager. Indicates the result of the card authorization request.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

2-443 TCDR (Terminal Call Detail)

Name:	CALL DURATION SEC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	0 not null
Description:	Stores the duration of the call in seconds
Name:	DIAL AROUND CALL
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(1)
Default:	" " not null
Description:	"1" indicates a directory assistance call.
Name:	CIC
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(4)
Default:	" " not null
Description:	
Name:	SPEED DIAL NUMBER
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(3)
Default:	" " not null
Description:	as named, if any.
Name:	DATAJACK CALL
Mand/Opt'l:	
Occurrences:	
Format:	PIC (X)1
Default:	" " not null
Description:	"1" indicates a datajack call.

Name:	CRN BIT 6
Mand/Opt'l:	
Occurrences	
Format:	PIC X(1)
Default:	“ “ not null
Description:	Bit six of the card reference number. To be renamed SPEED DIAL/DIAL AROUND in a future release.

TCLEMTH (Terminal Call Statistics Enhanced MTH)

Description:

This table contains the month to date accumulation for Terminal Call Statistics Enhanced (TCALSTE).

Estimated Volume:

Primary Key:	Terminal ID
	Ecall Stats Year
	Ecall Stats Mnth
	Region Code

Record length:	150
-----------------------	-----

Alternate Key:	Telco ID
	ECall Stats Year
	ECall Stats Mnth
	Archive Ind

2-445 TCLEMTH (Terminal Call Statistics Enhanced MTH)

Index (Not unique): **TCLEMTH0**

By: TELCO ID

ECALL STATS YEAR

ECALL STATS MNTH

ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	ECALL STATS YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Description:	Indicates the year for which the accumulated amounts for the enhanced call statistics in this record are recorded.

Name:	ECALL STATS MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Description:	Indicates the month for which the accumulated amounts for the enhanced call statistics in this record are recorded.

Name:	LOCAL CALL COUNT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local calls completed
Name:	INTRA LATA CALL COUNT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata calls completed
Name:	INTER LATA CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata calls completed
Name:	INTERNATIONAL CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of international calls completed
Name:	INCOMING CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of answered incoming calls.

2-447 TCLEMTH (Terminal Call Statistics Enhanced MTH)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	UNANSWERED CALL COUNT Optional 1 Numeric (9,0) Not null The number of calls for which dialing was finished but which were not established. For supervised calls, no answer supervision received. Statistics do not exist for unsupervised calls (call is immediately established after dialing).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ABANDONED CALL COUNT Optional 1 Numeric (9,0) Not null The number of calls after the user goes off-hook (or the next call button is used) but the terminal does not have a chance to finish dialing the number.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	OPERATOR ASSISTED CALL COUNT Optional 1 Numeric (9,0) Not null The number of 0- calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ZERO PLUS CALL COUNT Optional 1 Numeric (9,0) Not null The number of 0+ and 01+ calls (as dialed by the terminal, not the user).

Name:	FREE 1 800 CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of 1-800 calls that were free.
Name:	DENIED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of denied calls.
Name:	DIRECTORY ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of directory assistance calls completed.
Name:	FREE CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of free calls, excluding Feature Group B calls (i.e., 0- and 0+ calls are not considered free calls.)

2-449 TCLEMTH (Terminal Call Statistics Enhanced MTH)

Name:	FOLLOW ON CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of calls started using the next call button. Statistics are recorded when the next call button is pushed and the terminal is in the state to do a next call. It is not necessary to complete the call.
Name:	FAIL TO POTS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of Fail-to-POTS calls.
Name:	REP DIALER CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of calls made using rep dialer keys.

Name:	REP DIALER PEG CNT 1 - 10
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of completed calls for each of the Rep Dialer buttons. Each peg count corresponds to a Rep Dialer Button on the terminal. Note that the peg count is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user. For buttons that are defined as Information Only or Carrier the peg counts will indicate button pushes.
Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL TIME OFF HOOK
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total amount of time the receiver was off-hook

2-451 TCLEMTH (Terminal Call Statistics Enhanced MTH)

Name:	FREE FEATURE GRP B COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of Feature Group B calls.
Name:	DATAJACK CALLS ATTEMPTS COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of datajack calls attempted.
Name:	BILLABLE 1 800 CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of completed 1-800 calls that were billable (Non-Free).
Name:	DATAJACK CALLS COMPLT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on the Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	Must exist on the Region table.
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TCLYTD (Terminal Call Statistics YTD)

Description:

This table contains a summary of the call statistics generated by the terminals. The counts are represented on a month-by-month basis.

Estimated Volume: 240 / Terminal / Year

2-453 TCLYTD (Terminal Call Statistics YTD)

Primary Key:	Terminal ID
Record length:	142
Alternate Key:	
Telco ID	
Call Stats Year	
Call Stats Mnth	
Archive Ind	
Index (Not unique): TCLYTD0	
By: TELCO ID, CALL STATS YEAR, CALL STATS MNTH, ARCHIVE IND	
Fields:	
Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	CALL STATS YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Indicates the year for which the accumulated amounts for the regular call statistics in this record are recorded.

Name:	CALL STATS MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Format:	MM
Description:	Indicates the month for which the accumulated amounts for the regular call statistics in this record are recorded.
Name:	TOTAL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of card calls (including follow-on calls).
Name:	FREE CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of free calls. Note that 0- and 0+ calls are not considered to be free calls.
Name:	INCOMING CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of answered incoming calls.

2-455 TCLYTD (Terminal Call Statistics YTD)

Name:	UNANSWERED CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of calls dialed which were either busy or unanswered.
Name:	ABANDONED CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of calls after the user goes off-hook (or uses the next call button) but the terminal does not have a chance to start dialing the number.
Name:	LOCAL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of local card calls completed (3 to 7 digit numbers).
Name:	TOLL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of 1+ (Intra-lata) card calls completed (as dialed by the terminal, not the user).

Name:	ZERO PLUS CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of 0+ calls (as dialed by the terminal, not the user).
Name:	FOLLOW ON CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of calls completed using the next call button.
Name:	REP DIALER PEG CNT (1-10)
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of completed calls for each of the Rep Dialer buttons. Each peg CNT corresponds to a Rep Dialer Button on the terminal. Note that the peg CNT is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user.

2-457 TCLYTD (Terminal Call Statistics YTD)

Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) unsigned
Default:	SYSTEM not null
Format:	DDHHMMSS
Description:	The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL TIME OFF HOOK
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) unsigned
Default:	SYSTEM not null
Format:	DDHHMMSS
Description:	The total amount of time the receiver was off-hook.
Name:	TOTAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of coin paid calls.
Name:	LOCAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of local coin calls completed (3 to 7 digit numbers).

Name:	TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of 1+ (Intra-lata) coin calls completed (as dialed by the terminal, not the user).
Name:	FAIL TO POTS CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of Fail-to-POTS calls.
Name:	INTER LATA TOLL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of Inter-lata card calls completed.
Name:	INTER LATA TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of Inter-lata coin calls completed.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	For future use

2-459 TCLYTD (Terminal Call Statistics YTD)

Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	For future use
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TCOLLCT (Terminal Cash Box Collections)

Description:

This table contains the collection records received from the terminals. These records are forwarded to the coin reporting centre by the coin process.

Estimated Volume: 1 per Terminal per 2 weeks

Primary Key:

Terminal ID
Collection Dt
Collection Tm
Received Dt
Received Tm

Record length: 134

Alternate Key:

Telco ID
Transmit Pcs Dt
Transmit Pcs Tm
Archive Ind

Index (Not unique): TCOLLCT0

By TELCO ID
TRANSMIT PCS DT
TRANSMIT PCS TM
ARCHIVE IND

2-461 TCOLLCT (Terminal Cash Box Collections)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	COLLECTION DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Cash Box was collected from the terminal, in the terminal local time.

Name:	COLLECTION TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Range:	000000 - 235959
Description:	Time at which the Cash Box was collected from the terminal, in the terminal local time.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD

Description:	Date on which the Cash Box Collection record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Description:	Time at which the Cash Box Collection record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	TRANSMIT PCS DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which this record was transmitted to the coin reporting centre, in the Millennium Manager local time.
Name:	TRANSMIT PCS TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Description:	Time at which this record was transmitted to the coin reporting centre, in the Millennium Manager local time.

2-463 TCOLLCT (Terminal Cash Box Collections)

Name:	COLLECTION STATUS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Values:	"0" No "1" Yes
Description:	Indicates whether this record includes one or more previous collections, which were not transmitted to the Millennium Manager.
Name:	COLLECTOR ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Comments:	Verified against the Collector ID table during Coin Collection processing.
Description:	Unique identifier for the person who collected the cash box.
Name:	KEY SEQUENCE NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Unique identifier for the key used to open the cash box.
Name:	NEW BOX NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Unique identifier of the new cash box.

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SEQUENCE NO Optional 1 Numeric (5,0) unsigned Not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOTAL CURRENCY VALUE Optional 1 Numeric (9,2) unsigned Not null The total amount collected from the terminal cash box, including the values from the current and all previous collections.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	CASH BOX STATUS Optional 1 PIC 9(2) Not null Bits (x - don't care) 0 Normal State 1 \$Value exceeded 2 % Threshold exceeded 3 \$Value exceeded and % Threshold exceeded 4> Cash Box Totally Full Refer to Cash Box Status values.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	OLD BOX NO Optional 1 PIC X(8) Not null Unique identifier of the terminal's old cash box.

2-465 TCOLLCT (Terminal Cash Box Collections)

Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	PERCENT FULL Optional 1 Numeric (3,0) unsigned Not null 0 - 100 Indicates how full the cash box was at collection time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	CURRENCY VALUE Optional 1 Numeric (9,2) unsigned Not null dollars and cents Contains the total value of the currency which was collected, not including any previous collections.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF CDN NICKELS Optional 1 Numeric (5,0) unsigned Not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF CDN DIMES Optional 1 Numeric (5,0) unsigned Not null
Name: Mand/Opt'l: Occurrences: Data type:	NUMBER OF CDN QUARTERS Optional 1 Numeric (5,0) unsigned

Default:	Not null
Description:	
Name:	NUMBER OF CDN DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US DIMES
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	

2-467 TCOLLCT (Terminal Cash Box Collections)

Name:	SPARE FLAG 1-2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Spare Flag 1 In ("0", "1") Check Spare Flag 2 In ("0", "1")
Description:	
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Constraint:	Check Telco ID <> " "
Description:	Identifies the Telco under which this record was created.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Constraint:	Check Region Code <> " "
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Constraints:	Check Archive Ind In ("0", "1")
Values:	"0" No "1" Yes
Description:	Indicates whether this record has been archived.

TCOLYTD (Terminal Cash Box Collections YTD)

Description:

This table contains a summary of the cash box collection records received from the terminals. The counts are represented on a month-by-month basis.

Estimated Volume: 50 / Terminal / Year

Primary Key:

Terminal ID
Summary Year
Summary Mnth
Region Code

Record length: 58

Alternate Key:

Telco ID
Archive Ind
Summary Year
Summary Mnth

Index (Not unique): TCOLYTD0

ON =TCOLYTD
(TELCO ID,
ARCHIVE IND,
SUMMARY YEAR,
SUMMARY MNTH

2-469 TCOLYTD (Terminal Cash Box Collections YTD)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	SUMMARY YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Indicates the year for which the cashbox collection summary records are recorded.

Name:	SUMMARY MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Format:	MM
Description:	Indicates the month for which the cashbox collection summary records are recorded.

Name:	CURRENCY VALUE
Mand/Opt'l:	Optional
Occurrences:	12
Data type:	Numeric (9,2) unsigned
Default:	Not null
Units:	dollars and cents
Description:	Contains the total value of the currency which has been collected from the terminal, for each month.

Name:	NUMBER OF CDN NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN DIMES
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	

2-471 TCOLYTD (Terminal Cash Box Collections YTD)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF US DIMES
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF US QUARTERS
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF US DOLLARS
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	TELCO ID Mandatory 1 PIC X(2) No default not null Check Telco ID <> “ ” Identifies the Telco for this record.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	REGION CODE Mandatory 1 PIC X(3) No default not null Check Region Code <> “ ” Identifies the Region for this record.

Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Archive Ind In ("0", "1")
Description:	Indicates whether this record has been archived.

TCONFIG (Current Terminal Configuration)

Description:

This table identifies the current configuration of the downloaded tables in a particular terminal—that is, the tables it downloaded, and acknowledged, most recently. This table is used to produce the current configuration report. The OLTP subsystem uses this table to determine which tables should be sent to any terminal that sends an attention dialog to request that its tables be re-downloaded.

Estimated Volume: 15 / Terminal

Primary Key: **Terminal ID**
Table ID

Record length: 34

Alternate Key: **Table ID**
Version Timestamp

Index (Not unique): **TCONFIG0**
By: TABLE ID ,
VERSION TIMESTAMP

2-473 TCONFIG (Current Terminal Configuration)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	TABLE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Values:	Refer to Table ID in table TERMSCH
Description:	

Name:	VERSION TIMESTAMP
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (18,0) signed
Default:	Not null
Format:	64-bit Julian timestamp - GMT
Description:	Indicates which version of the table in the Download Schedule History table was most recently downloaded to the terminal.

Name:	CURRENT CONFIG DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	ASCII equivalent of the date in the Version Timestamp

Name:	CURRENT CONFIG TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Description:	ASCII equivalent of the time in the Version Time-stamp

TCREMTH (Terminal Carrier Call Statistics Month To Date)

Description:

This table contains the month to date accumulation for Terminal Carrier Call Statistics Enhanced (TCARSTE).

Estimated Volume: 1/terminal/Carrier/Month

Primary Key:

- Terminal ID
- Carrier Stats Year
- Carrier Stats Mnth
- Carrier Cross Reference Num
- Statistics Vintage
- Region Code

Record length: 252

Alternate Key:

- Telco ID
- Ecarrier Stats Year
- Ecarrier Stats Mnth
- Archive Ind

2-475 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Index (Not unique): TCREMTH1

By: TELCO ID,
ECARRIER STATS YEAR,
ECARRIER STATS MNTH,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	ECARRIER STATS YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)()
Default:	No default not null
Description:	Indicates the year for which the enhanced carrier statistics are recorded.

Name:	ECARRIER STATS MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Description:	Indicates the month for which the enhanced carrier statistics are recorded.

Name:	CARRIER CROSS REFERENCE NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(3)

Default:	No default not null
Description:	Carrier cross reference number
Name:	STATISTICS VINTAGE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	
Name:	LOCAL COIN COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local coin calls completed
Name:	LOCAL CREDIT CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local commercial credit card calls completed
Name:	LOCAL SMART CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local Smart card calls completed.
Name:	LOCAL MONDEX CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null

2-477 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Description:	Number of local Mondex card calls completed.
Name: LOCAL VISA STORED VALUE COUNT	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such local calls completed
Name: LOCAL SMART CITY COUNT	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such local calls completed
Name: LOCAL PROTON COUNT	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such local calls completed
Name: LOCAL PAYMENT TYPE C COUNT	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such local calls completed
Name: LOCAL PAYMENT TYPE D COUNT	
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such local calls completed

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PAYMENT TYPE E COUNT Numeric (9,0) Not null Number of such local calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL CALLING CARD NCC Optional 1 Numeric (9,0) Not null Number of local calling card calls completed through the Millennium Manager feature (Both manual dial and insert mode).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL CALLING CARD ACCS Optional 1 Numeric (9,0) Not null Number of local calling card calls completed through ACCS for Feature Group B and D (Both manual dial and insert mode).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA COIN COUNT Optional 1 Numeric (9,0) Not null Number of intralata coin calls completed.
Name: Mand/Opt'l: Occurrences: Data type:	INTRA LATA CREDIT COUNT Optional 1 Numeric (9,0)

2-479 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Default:	Not null
Description:	Number of intralata commercial credit card calls completed.
Name:	INTRA LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata Smart card calls completed.
Name:	INTRA LATA MONDEX COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata Mondex calls completed.
Name:	INTRA LATA VISA STORE VAL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata Visa Stored Value Card calls completed.
Name:	INTRA LATA SMART CITY COUNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PROTON COUNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)

Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE C CNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE D CNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE E CNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA CALLING NCC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata calling card calls completed through the Millennium Manager (Both manual dial and insert mode),

2-481 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA CALLING ACCS Optional 1 Numeric (9,0) Not null Number of intra-lata calling card calls completed through ACCS for Feature Group B and D (Both manual dial and insert mode).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA COIN COUNT Optional 1 Numeric (9,0) Not null Number of inter-lata coin calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CREDIT COUNT Optional 1 Numeric (9,0) Number of inter-lata commercial credit card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA SMART COUNT Optional 1 Numeric (9,0) Not null Number of inter-lata smart card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA SMART COUNT Optional 1 Numeric (9,0) Not null Number of inter-lata smart card calls completed.

Name:	INTER LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata smart card calls completed.
Name:	INTER LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata smart card calls completed.
Name:	INTER LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata smart card calls completed.
Name:	INTER LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata smart card calls completed.
Name:	INTER LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata smart card calls completed.

2-483 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA MONDEX COUNT Optional 1 Numeric (9,0) Not null Number of inter-lata Mondex card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA VISA STORE VAL CNT Optional 1 Numeric (9,0) Not null Number of inter-lata Visa Stored Value card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA SMART CITY COUNT Optional 1 Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PROTON COUNT Optional 1 Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PAYMENT TYPE C CNT Optional 1 Numeric (9,0) Not null Number of such calls completed.

Name: Mand/Opt'l Occurrences Data type: Default: Description:	INTER LATA PAYMENT TYPE D CNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l Occurrences Data type: Default: Description:	INTER LATA PAYMENT TYPE E CNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CALLING NCC Optional 1 Numeric (9,0) Not null Number of inter-lata calling card calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CALLING ACCS Optional 1 Numeric (9,0) Not null Number of inter-lata calling card calls completed through ACCS.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL COIN COUNT Optional 1 Numeric (9,0) Not null Number of international coin calls completed

2-485 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL CREDIT CARD COUNT Optional 10 Numeric (9,0) Not null The international credit card calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL SMART CARD COUNT Optional 1 Numeric (9,0) Not null Number of international smart card calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL MONDEX CARD COUNT Optional 1 Numeric (9,0) Not null Number of international Mondex calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL VISA STORED VALUE COUNT Optional 1 Numeric (9,0) Not null Number of international "Payment Type 9" calls completed - For future use.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL SMART CITY COUNT Optional 1 Numeric (9,0) Not null Number of such calls completed.

Name: Mand/Opt'l Occurrences Data type: Default: Description:	IXL PROTON COUNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l Occurrences Data type: Default: Description:	IXL PAYMENT TYPE C COUNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l Occurrences Data type: Default: Description:	IXL PAYMENT TYPE D COUNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l Occurrences Data type: Default: Description:	IXL PAYMENT TYPE E COUNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL CALLING NCC COUNT Optional 1 Numeric (9,0) Not null Number of international calling card calls completed through the Millennium Manager (Both manual dial and insert mode).

2-487 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL CALLING ACCS COUNT Optional 1 Numeric (9,0) Not null Number of international calling card calls completed through ACCS for Feature Group B and D (Both manual dial and insert mode).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	OPERATOR ASSIST CALL COUNT Optional 1 Numeric (9,0) Not null Number of operator calls (0-, 00-, 10XX - 0 and 10XXX#) completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ZERO PLUS CALL COUNT Optional 1 Numeric (9,0) Not null Number of zero plus calls (0+ collect, billed to third, etc.) completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	FREE FEATURE GRP B COUNT Optional 1 Numeric (9,0) Not null Number of Feature Group B calls completed. Will include all Feature Group B calls counted above plus any additional calls where a call type could not be assigned.

Name:	DIRECTORY ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of directory assistance calls completed (LEC for Intra-Lata and PIC for Inter-Lata)
Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Description:	Total call duration for all completed calls for this record (in seconds)
Name:	TOTAL INSERT MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Includes calling and commercial credit cards - Does not include Smart card.
Name:	TOTAL MANUAL MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Card number input via keypad (IntraLata only).

2-489 TCREMTH (Terminal Carrier Call Statistics Month To Date)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SPARE COUNTER Optional 1 Numeric (9,0) Not null Spare counter.
Name: Mand/Opt'l: Occurrences: Data type: Default: Comments: Constraint: Description:	TELCO ID Mandatory 1 PIC X(2) No default not null Must exist on the Telco table. Check Telco ID <> “ ” Identifies the Telco under which this record was created
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	REGION CODE Mandatory 1 PIC X(3) No default not null Check Region Code <> “ ” Identifies the Region under which this record was created.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Constraint: Description:	ARCHIVE IND Mandatory 1 PIC X(1) 0 not null “0” No “1” Yes Check Archive Ind In (“0”, “1”) Indicates whether this record has been archived.

TELCO (Telco)

Description:

This table contains the list of telcos supported by the Millennium Manager.

Estimated volume: 5

Primary Key: Telco ID

Record length: 54

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	0 not null
Constraint:	Check Telco ID <> “ “
Description:	Identifies the Telco under which this record was created

Name:	TELCO DESC
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	0 not null
Constraint:	Check Telco Desc <> “ “
Description:	

Name:	PASSWORD TIME LIMIT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Units:	days

2-491 TELCO (Telco)

Constraint:	Check Password Time Limit > 0
Description:	The maximum number of days for which a user password may remain the same.
Name:	MAX PASSWORD ATTEMPTS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Constraint:	Check Max Password Attempts > 0
Description:	The maximum number of invalid password attempts that can be made by a user in one day. When exceeded, the user will be deactivated.
Name:	CALL IN GRACE PERIOD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	0 not null
Format:	HHMM
Range:	0000 - 2359
Comments:	Must have a valid Time format.
Constraint:	Check all In Grace Period > 0
Description:	The period after a scheduled call-in a terminal may still call in and not be reported as late.
Name:	MORRIS TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Constraint:	Check Morris Telco ID Between 0 and 255

Description:	This Telco ID is downloaded to the terminal with the Rate table. The terminal will use it when communicating with the external rating system (external rating system's Telco IDs are different from those used at the Millennium Manager).
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TERM (Terminal information)

Description:

This table contains information specific to a terminal. The Millennium Manager uses some and sends the rest to the terminal.

A new terminal is defined at the Millennium Manager prior to physical installation. At installation time, the installer initiates an attention dialog to have the terminal call the Millennium Manager. The Millennium Manager verifies that the Terminal ID is valid and sends the pending download tables to the terminal.

Estimated Volume: 1 per terminal

Primary Key:

Terminal ID

Record length: 904

Alternate Key 1:

Telco ID

Commst Config ID

Alternate Key 2:

Telco ID

Feature Config ID

Alternate Key 3:

Telco ID

Modem Config ID

Alternate Key 4:

Telco ID
Userprm Config ID

Alternate Key 5:

Telco ID
Install Serv Config ID

Alternate Key 6:

Telco ID
Rate Config ID

Alternate Key 7:

Telco ID
Free Config ID

Alternate Key 8:

Telco ID
Dialrl Config ID

Alternate Key 9:

Telco ID
Region Code

Alternate Key 10:

Telco ID
Carrier Config ID

Alternate Key 11:

Telco ID
Repodial Config ID

Alternate Key 12:

Telco ID
Region Code
Route No
Stop No

Alternate Key 13:

Telco ID
Inmate Config ID

Alternate Key 14:

Telco ID
Featri Config ID

Alternate Key 15:

Telco ID
Card Config ID

Alternate Key 16:

Telco ID
Service Level config ID

Alternate Key 17:

Telco ID
MDS Config ID

Alternate Key 18:

Telco ID
Spare Table Config ID

Alternate Key 19:

Telco ID
Call Set Up Params Config ID

Alternate Key 20:

Telco ID
Advertising Config ID

Alternate Key 21:

Telco ID
CallSt Config ID

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Alternate Key 22:

Telco ID
Discount Config ID

Alternate Key 23:

Telco ID
Instwin Config ID

Alternate Key 24:

Telco ID
Timedis Config ID

Alternate Key 25:

Telco ID
Ratenpa Config ID

Alternate Key 26:

Telco ID
Rateint Config ID

Alternate Key 27:

Telco ID
Graphic Config ID

Index (Not unique): TERM1

By: TELCO ID ,
COMMST CONFIG ID

Index (Not unique): TERM2

By: TELCO ID ,
FEATURE CONFIG ID

Index (Not unique): TERM3

By: TELCO ID ,
MODEM CONFIG ID

Index (Not unique): TERM4

By: TELCO ID ,
USERPRM CONFIG ID

Index (Not unique): TERM5

By: TELCO ID ,
INSTALL SERV CONFIG ID

Index (Not unique): TERM6

By: TELCO ID ,
RATE CONFIG ID

Index (Not unique): TERM7

By: TELCO ID ,
FREE CONFIG ID

Index (Not unique): TERM8

By: TELCO ID ,
DIALRL CONFIG ID

Index (Not unique): TERM9

By: TELCO ID ,
REGION CODE

Index (Not unique): TERM10

By: CARRIER CONFIG ID

Index (Not unique): TERM11

By: TELCO ID ,
REPDIAL CONFIG ID

Index (Not unique): TERM12

By: TELCO ID ,
REGION CODE ,
ROUTE NO ,
STOP NO

Index (Not unique): TERM13

By: TELCO ID ,
INMATE CONFIG ID

Index (Not unique): TERM14

By: TELCO ID ,
FEATRI CONFIG ID

Index (Not unique): TERM15

By: TELCO ID ,
CARD CONFIG ID

Index (Not unique): TERM16

By: TELCO ID ,
SERVICE LEVEL CONFIG ID

Index (Not unique): TERM17

By: TELCO ID ,
MDS CONFIG ID

Index (Not unique): TERM18

By: TELCO ID ,
SPARE TABLE CONFIG ID

Index (Not unique): TERM19

By: TELCO ID ,
CALL SET UP PARAMS CONFIG ID

Index (Not unique): TERM20

By: TELCO ID ,
ADVERTISING CONFIG ID

Index (Not unique): TERM21

By: TELCO ID ,
CALLST CONFIG ID

Index (Not unique): TERM22

By: TELCO ID ,
DISCONT CONFIG ID

Index (Not unique): TERM23

By: TELCO ID ,
INSTWIN CONFIG ID

Index (Not unique): TERM24

By: TELCO ID ,
TIMEDIS CONFIG ID

Index (Not unique): TERM25

By: TELCO ID ,
RATENPA CONFIG ID

Index (Not unique): TERM26

By: TELCO ID ,
RATEINT CONFIG ID

Index (Not unique): TERM27

By: TELCO ID ,
GRAPHIC CONFIG ID

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	0 not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999 (10 digits)
Constraint:	Check Terminal ID >= 1000000000
Description:	This is the telephone number of the terminal.

2-499 TERM (Terminal information)

Name:	PREV SERIAL NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (10,0) unsigned
Default:	Not null
Comments:	The current Serial Number is stored on the Terminal Status table.
Description:	
Name:	SERIAL CHANGED DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which a new serial number was sent to the Millennium Manager by the terminal, in the terminal local time.
Name:	SERIAL CHANGED TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Serial Changed Time <= 235959
Description:	Time at which a new serial number was sent to the Millennium Manager by the terminal, in the terminal local time.
Name:	INSTALL DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)=

Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal first contacted the Millennium Manager, in the terminal local time.
Name:	DEACTIVATED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Deactivated Ind In ("0", "1")
Description:	Indicates whether the terminal has been deactivated. If the terminal is deactivated, a corresponding record for the terminal will exist on the Deactivated Terminal table.
Name:	DEACTIVATED DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal was deactivated, in Millennium Manager local time.
Name:	DELETION DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal (and all related information) will be deleted from the Millennium Manager, in Millennium Manager local time.

2-501 TERM (Terminal information)

Name:	PREVIOUS TERM ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC S9(10)
Default:	0 not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999 (10 digits)
Constraint:	Check (Previous Terminal ID = 0) OR (Previous Terminal ID >= 1000000000)
Description:	Identifies the last telephone number used for this terminal, before it was cut over to a new number.
Name:	CHANGED ON DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal telephone number was cut over to a new number, in Millennium Manager local time. This will contain a zero value during the time between when the cutover was requested, and when the actual acknowledgment of the cutover was received from the terminal and processed by MTIP.
Name:	LAST CALLED IN DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal last contacted the Millennium Manager for a scheduled call-in, in the terminal local time.

Name:	LAST CALLED IN TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Last Called In Time <= 235959
Description:	Time at which the terminal last contacted the Millennium Manager for a scheduled call-in, in the terminal local time.
Name:	LAST EXPECT CALLIN PROC DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	The terminal's last expected call-in date which was processed by the Failure To Call In Report. Corresponds to the Periodic Call-in Start Date on a Download Call-in Parameters record (in the terminal local time).
Name:	LAST EXPECT CALLIN PROC TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Last Expect Callin Proc Tm<= 235959

2-503 TERM (Terminal information)

Description:	The terminal's last expected call-in time which was processed by the Failure To Call In Report. Corresponds to the Periodic Call-in Start Date on a Download Call-in Parameters record (in the terminal local time).
Name:	PREVIOUS TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	SYSTEM not null
Comments:	The current Terminal Type is stored on the corresponding Terminal Control record for this terminal.
Description:	
Name:	TERM TYPE CHANGED DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which a new terminal type was assigned to the terminal, in the Millennium Manager local time.
Name:	TERM TYPE CHANGED TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which a new terminal type was assigned to the terminal, in the Millennium Manager local time.

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	With Telco ID, must exist on Region table.
Constraint:	Check Region Code <> “ ”
Description:	The code signifying the region the record is part of.
Name:	FEATURE CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	With Telco ID, must exist on Feature Config Card or Feature Config Universal table, depending on Terminal Type on corresponding Terminal Control table.
Description:	
Name:	COMMST CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null

2-505 TERM (Terminal information)

Comments:	With Telco ID, must exist on Communication Statistics table.
Description:	
Name:	MODEM CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	With Telco ID, must exist on Modem Parameters table.
Description:	
Name:	USERPRM CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	With Telco ID, must exist on User Interface Parameters table.
Description:	
Name:	INSTALL SERV CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	With Telco ID, must exist on Installation/Servicing Parameters table.
Description:	
Name:	RATE CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null

Comments:	With Telco ID, must exist on Rate Table.
Description:	
Name:	FREE CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	SYSTEM not null
Comments:	With Telco ID, must exist on Free Call table.
Description:	
Name:	DIALRL CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	SYSTEM not null
Comments:	With Telco ID, must exist on Dialing Rules table.
Description:	
Name:	CARRIER CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	With Telco ID, must exist on Terminal Carrier table.
Description:	
Name:	CARD CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	Configuration must exist in the card configuration table.:.

2-507 TERM (Terminal information)

Description	
Name:	SERVICE LEVEL CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	Configuration must exist in the service level table.
Description:	
Name:	REPDIAL CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Not null
Comments:	With Telco ID, must exist on Repertory Dialer List table.
Description:	
Name:	INMATE CONFIG ID
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	Not null
Description:	Configuration must exist in Inmate table.
Name:	FEATRI CONFIG ID
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	Not null
Description:	Configuration must exist in Featri table.
Name:	MDS CONFIG ID
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	Not null
Description:	Configuration must exist in MDS feature table.

Name:	SPARE TABLE CONFIG ID
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	SYSTEM not null
Description:	Configuration must exist in SPARE table.
Name:	CALL SET UP PARAMS CONFIG ID
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	SYSTEM not null
Description:	Configuration must exist in Call Setup Parameters (CSETUP) table
Name:	ADVERTISING CONFIG ID
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	SYSTEM not null
Description:	Configuration must exist in the Advertising Message (ADMESS) table
Name:	CALLST CONFIG ID
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	SYSTEM not null
Description:	Configuration must exist in the Call Statistics and CDR Logging Parameters (CALLST) table
Name:	CAD ID
Mand/Opt'l:	Optional
Data type:	Numeric (10,0)
Default:	SYSTEM not null
Range:	0-4,294,967,295
Constraint:	Check CAD ID Between 0 and 4294967295
Description:	Unique identifier for SAM. See note below.

2-509 TERM (Terminal information)

Note: Fields will be stored in the Millennium Manager database as a character string that will contain Hex values, with each 2 characters being packed into a single Hex byte (range 00 - FF) by the Millennium Manager.

The constraint that this field be between the values of 0 and 4,294,967,295 is enforced on the Terminal Information screen (TBTI) since this field is a character, Numeric (10,0), field.

Name:	CPE ID
Mand/Opt'l:	Optional
Data type:	PIC X(8)
Default	0 not null
Description:	Every ADSI phone is assigned a unique CPE ID. Fields will be stored in the Millennium Manager database as a character string that will contain Hex values, with each 2 characters being packed into a single Hex byte (range 00 - FF) by the Millennium Manager.
Note:	This field is used for Proton and Smart City Terminal IDs.

Name:	SMART CITY ID
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(6)
Default:	SYSTEM not null
Description:	
Note:	The Smartcity ID and Proton ID were split from the Spare 1 field. This field is not currently supported.

Name:	PROTON ID
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(6)
Default:	SYSTEM not null

Description:	
Note:	the Smartcity ID and Proton ID were split from the Spare 1 field. This field is not currently supported
Name:	PRIMARY NCC NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Constraint:	Check Primary NCC No<> “ ”
Description:	The Primary Millennium Manager number that will be dialed by the terminal to reach the Millennium Manager.
Name:	ALTERNATE NCC NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	SYSTEM not null
Description:	The Alternate Millennium Manager number that will be dialed by the terminal, should it be unable to reach the Millennium Manager via the Primary Millennium Manager number.
Name:	IN OUT IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	“0” Outdoor “1” Indoor
Constraint:	Check In Out Ind In (“0”, “1”)
Description:	

2-511 TERM (Terminal information)

Name:	CLASS OF SERV
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(5)
Default:	No default not null
Description:	
Name:	VOUCHER ACC CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(7)
Default:	SYSTEM not null
Description:	Company-assigned code to identify accounts with monthly voucher accounting.
Name:	SALESPERSON CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(7)
Default:	No default not null
Format:	Digit 1 Company (State) 2 Area 3 Division 4 District 5 Marketing Manager 6-7 Salesperson
Range:	1000000 - 9999999 (7 digits)
Constraint:	Check Salesperson Code Between 1000000 and 9999999
Description:	
Name:	RAO CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)

Default:	No default not null
Constraint:	Check RAO Code <> “ “
Description:	Revenue Accounting Office within a Coin Centre
Name:	CUSTOMER CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Customer Code <> “ “
Description:	
Name:	SIC CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(5)
Default:	No default not null
Description:	Provides for identification and classification according to the nature of business activity.
Name:	LOCATION GRP CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null
Format:	Digit 1-2 Floor 3-6 Bank or Group
Description:	
Name:	BASEMENT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0
Values:	“0” No “1” Yes

2-513 TERM (Terminal information)

Constraint:	Check Basement In ("0", "1")
Description:	Entered with Location Group Code to indicate a floor below ground level.
Name:	LOCATION TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	SYSTEM not null
Description:	Precise location of terminal.
Name:	CONTACT NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Contact Name <> “ ”
Description:	Name of the person or organization responsible for the terminal.
Name:	ADDR LINE 1
Mand/Opt'l:	Mandatory (first occurrence only)
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Constraint:	Check Addr Line 1 <> “ ”
Description:	
Name:	ADDR LINE (2-3)
Mand/Opt'l:	Mandatory (first occurrence only)
Occurrences:	2
Data type:	PIC X(40)
Default:	SYSTEM not null
Description:	

Name:	POLICY IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	SYSTEM not null
Description:	
Name:	EQUIPMENT COST
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC9(3)V9
Default:	SYSTEM not null
Description:	
Name:	LOOP MILEAGE COST
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	9(2)V9
Default:	SYSTEM not null
Description:	
Name:	ROUTE NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	SYSTEM not null
Description:	
Name:	STOP NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	SYSTEM not null
Description:	

2-515 TERM (Terminal information)

Name:	HOUSING CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(5)
Default:	SYSTEM not null
Description:	Describes the type of system or non-system enclosure in which the instrument is mounted. A minimum of three characters should be entered. The fourth and fifth may be used to more specifically describe the housing features.
Name:	DIR FACILITIES QTY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	SYSTEM not null
Description:	
Name:	DIR FACILITIES CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(5)
Default:	SYSTEM not null
Description:	
Name:	SIGN QTY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	SYSTEM not null
Description:	
Name:	SIGN CODE (1-2)
Mand/Opt'l:	Optional
Occurrences:	2
Data type:	PIC X(5)

Default:	SYSTEM not null
Description:	
Name:	EXTENSIONS QTY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	SYSTEM not null
Description:	
Name:	EXTENSIONS CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(5)
Default:	SYSTEM not null
Description:	
Name:	MISCELLANEOUS QTY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	SYSTEM not null
Description:	
Name:	MISCELLANEOUS CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(5)
Default:	SYSTEM not null
Description:	
Name:	TIME AREA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Time Area table.

2-517 TERM (Terminal information)

Constraint:	Check Time Area <> “ ”
Description:	
Name:	PERIODIC CALL IN START DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal should begin its scheduled call-ins, in the terminal local time.
Name:	PERIODIC CALL IN START TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Periodic Call In Start Tm <= 235959
Description:	Time at which the terminal should begin its scheduled call-ins, in the terminal local time.
Name:	PERIODIC CALL IN INTERVAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null
Format:	DDHHMM
Range:	000000 - 992359
Comments:	Must have a valid Days/Hours/Minutes format.
Description:	Time period between scheduled call-ins.

Name:	CALL BACK RETRY TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	SYSTEM not null
Format:	MMSS
Description:	Length of time after a failed attempt that the terminal should wait before attempting to contact the Millennium Manager again.
Name:	CDR THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	SYSTEM not null
Range:	1 - 50
Constraint:	Check CDR Threshold Between 1 and 50
Description:	Indicates the number of CDRs that the terminal will store before automatically calling in to the Millennium Manager to upload them.
Name:	SPARE 1
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(44)
Default:	0 not null
Description:	
Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(100)
Default:	0 not null
Description:	For future use. This field is mapped to Spare 3 and Spare 4 in the Terminal Personalization Table.

2-519 TERM (Terminal information)

Name:	SPARE 3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(100)
Default:	0 not null
Description:	For future use. This field is mapped to Spare 5 and Spare 6 in the Terminal Personalization Table.
Name:	DISCOUNT CONFIG ID
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(6)
Default:	0 not null
Description:	With Telco ID, must exist on the DISCNT table.
Name:	INSTWIN CONFIG ID
Mand/Opt'l:	
Occurrences:	
Data Type:	PIC X(6)
Default:	Not null
Description:	As named
Name:	TIMEDIS CONFIG ID
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(6)
Default:	Not null
Description:	As named.
Name:	RATENPA CONFIG ID
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(6)
Default:	Not null
Description:	As named.

Name:	RATE INT CONFIG ID
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(6)
Default:	Not null
Description:	As named.
Name:	GRAPHIC CONFIG ID
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(6)
Default:	0 not null
Description:	With Telco ID, must exist on the GRAPHIC table.

TERMCAR (Terminal Carrier)

Description:

This table contains the default carrier set for each terminal carrier configuration. The Carrier List table contains the carrier list for each configuration.

Estimated Volume: 1 / Configuration ID

Primary Key:

Telco ID
Config ID

Record length: 50

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Comments:	Must exist on Telco table.

2-521 TERMCAR (Terminal Carrier)

Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	CONFIG ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Constraint:	Check Config ID <> “ ”
Description:	
Name:	DEFAULT CARRIER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0
Range:	0 - 255
Constraint:	Check Default Carrier Between 0 and 255
Description:	This is the default carrier used when no payment or RBOC card is used. Introduced in MTR 1.11. Applies only to local calls.
Name:	COIN CASH CARRIER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0-255
Constraint:	Check Default Carrier Between 0 and 255
Description:	This is the default carrier used when payment is coin or cash card. Introduced in MTR 1.11, applies only to local calls.

Name:	CREDITCARD CARRIER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0-255
Constraint:	Check Default Carrier Between 0 and 255
Description	This is the default carrier used when the payment is a credit card. Introduced in MTR 1.11, applies only to local calls.
Name:	DEFAULT CARRIER INTERLATA
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0-255
Constraint:	Check Default Carrier Between 0 and 255
Description:	This is the Pic or default carrier used when there is no payment or RBOC card specified for Interlata calls.
Name:	COIN CASH CARRIER INTERLATA
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0-255
Constraint:	Check Default Carrier Between 0 and 255
Description:	This is the default carrier used when coins or cash cards are used for Interlata calls.

2-523 TERMCAR (Terminal Carrier)

Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	CREDITCARD CARRIER INTERLATA Optional Numeric (3,0) unsigned 0 not null 0-255 Check Default Carrier Between 0 and 255 This is the default carrier used when a credit card is used for Interlata calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	DEFAULT CARRIER INTRALATA Optional Numeric (3,0) unsigned 0 not null 0-255 Check Default Carrier Between 0 and 255 This is the Pic or default carrier used when there is no payment or RBOC card specified for Intralata calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	COIN CASH CARRIER INTRALATA Optional Numeric (3,0) unsigned 0 not null 0-255 Check Default Carrier Between 0 and 255 This is the default carrier used when coins or cash cards are used to pay for Intralata calls.
Name: Mand/Opt'l: Occurrences: Data type: Default:	CREDITCARD CARRIER INTRALATA Optional Numeric (3,0) unsigned 0 not null

Range:	0-255
Constraint:	Check Default Carrier Between 0 and 255
Description:	This is the default carrier used when a credit card is used for Intralata calls.
Name:	SPARE 1-2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0
Range:	0 - 255
Constraint:	Check Spare 1 Between 0 and 255 Check Spare 2 Between 0 and 255
Description:	For future use
Name:	SPARE 3
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Pic X(20)
Default:	
Range:	
Constraint:	
Description:	For future use

TERMCTL (Terminal Control)

Description:

The Millennium Manager recognizes all the terminals listed in this table. Indicators determine whether tables are pending download. This table is used primarily by the OLTP subsystem. One of these records exists for each record in the terminal information table.

Estimated Volume: 1 / Terminal

Primary Key: Terminal ID

2-525 TERMCTL (Terminal Control)

Record length:	42
Fields:	
Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Constraint:	Check Terminal ID >= 1000000000
Description:	This is the telephone number of the terminal.
Name:	CALL BACK FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Call Back Flag In (“0”, “1”)
Description:	Indicates whether the terminal should call back to the Millennium Manager at a special time, in addition to its scheduled call-in time.
Name:	CALL BACK DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal should call the Millennium Manager, in addition to its scheduled call-in time, in the terminal local time.

Name:	CALL BACK TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Call Back Time <= 235959
Description:	Time at which the terminal should call the Millennium Manager, in addition to its scheduled call-in time, in the terminal local time.
Name:	TABLE UPDATE FLAG
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Table Update Flag In (“0”, “1”)
Description:	Indicates whether there are tables pending download to the terminal.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default or null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco the terminal is part of (same as on Terminal table).

2-527 TERMCTL (Terminal Control)

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default or null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region the terminal is part of (same as on Terminal table).
Name:	TIME AREA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default or null
Comments:	Must exist on Time Area table.
Constraint:	Check Time Area <> “ ”
Description:	Identifies the Time Area the terminal is part of (same as on Terminal table).
Name:	TERMINAL TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default or null
Comments:	Must exist in TERMTYP table
Constraint:	Check Terminal Type > 0
Description:	Identifies the type of terminal this is.
Name:	FRAUD PROFILE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	Spaces not null
Description:	Name which identifies a particular fraud profile

TERMDAT (Terminal Table Data)

Description:

This is an ENSCRIBE file, with variable-length records, which contains the terminal tables which are ready to be downloaded to the terminal. The data in this file has been packed into the format required by the terminals.

Estimated Volume:

1000 to 1500 bytes / terminal, depending on fragmentation and downloads pending

Primary Key:

Table ID
Version Timestamp

Record length:**Fields:**

Name:	TABLE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Values:	Refer to Table ID in table TERMSCH except for the LCD tables
Description:	

Name:	VERSION TIMESTAMP
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(18)
Format:	64-bit Julian timestamp - GMT
Description:	

2-529 TERMDAT (Terminal Table Data)

Name:	DATA LENGTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Description:	Length of the Table Data for a given record (see Table Data below).
Name:	TABLE DATA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Variable Length (max. 4050)
Format:	Format includes the message type as the first field.
Description:	

TERMGRP (Terminal Group)

Description:

This table is used to assign terminals to a group. A terminal may be assigned to more than one group so that the user can download information more easily.

Estimated Volume: 20,000 / Group

Primary Key:

Telco ID
Region Code
Group ID
Terminal ID

Record length: 21

Alternate Key:

Terminal ID

Index (Not unique): TERMGRP0

By: TERMINAL ID

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default or null
Comments:	With Region Code, Group ID, must exist on Group table.
Constraint:	Check Telco ID <> " "
Description:	Identifies the Telco under which this record was created

2-531 TERMGRP (Terminal Group)

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default or null
Comments:	With Telco ID, Group ID, must exist on Group table.
Constraint:	Check Region Code <> “ ”
Description:	
Name:	GROUP ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default or null
Comments:	With Telco ID, Region Code, must exist on Group table. Must belong to same Telco as Terminal.
Constraint:	Check Group ID <> “ ”
Description:	
Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default or null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Constraint:	Check Terminal ID >= 1000000000
Description:	This is the telephone number of the terminal.

TERMSCH (Terminal Schedule)

Description:

This table identifies the tables which are pending download to each terminal, by providing a link between the terminals in the Terminal Control table, and the packed information in the Terminal Table Data file.

Estimated Volume: 15 / Terminal

Primary Key:

Terminal ID
Table ID
Version Timestamp

Record length: 20

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default or null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Constraint:	Check Terminal ID >= 1000000000
Description:	This is the telephone number of the terminal.

Name:	TABLE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default or null
Values:	See Table 2-7 below.
Description:	

Table 2-7: Table ID values

Value	Definition
1	Card authorization request
2	Formatted/Unformatted Authorization Request – Post MSR 1.5 message.
3	Authorization Response
4	Card Call Detail Record
5	Call Detail Acknowledge
6	Maintenance Action Report/Request Message
7	Alarm Message
8	Terminal Call-in Message
9	Terminal Call-back Message
10	Terminal Status Message
11	Summary Card Call Statistics Record
12	Performance Statistics Record
13	End of Data Message
14	Table Update Acknowledge Message
15	Maintenance Acknowledge
16	Alarm Acknowledge
17	Transmit Terminal Data
18	Terminal Table Data Update
19	Call Back Request
20	Date/Time Synchronization

Table 2-7: Table ID values (continued)

Value	Definition
21A	Terminal Access Parameters
21P	Terminal Personalization Table
21C	Terminal Access Parameters Expanded
22	Card Table
23	Carrier Table
24	Call Screening List Universal
25	Auto-Dialer List
26	Feature Configuration – Universal
27	Visual Prompts Language 1 - Univ
28	Visual Prompts Language 2 - Univ
29	Advertising Prompts
30	User Interface Parameters Card
30	User Interface Parameters Universal
31	Installation/Servicing Parameters
32	Communication Statistics and Configuration Parameters
33	Modem Configuration Parameters
34	Call / Carrier Statistics Parameters
35	Time/Call-In Parameters
36	Time Synchronization Request
37	Performance Statistics Record Message
38	Cash Box Status Message – Universal

Table 2-7: Table ID values (continued)

Value	Definition
39	Attention Call-back Message
40	Attention Request Message
41	Attention Request Message
42	Attention Request Call Records Upload
43	Attention Request Message
44	Attention Request Table Update
45	Attention Request Message
46	Attention Request Message
47	Attention Request Message
48	Summary Call Statistics Record – Universal Message
49	Answer Supervision Parameters (FUTURE)
50	Coin Validation Table
51	Cash Box Collection Message – Universal
52	Carrier Call Statistics Message – MSR 1.5U
53	Call Detail Record Message – Post MSR 1.5
54	Electronic Lock Table
55	Enhanced Repertory Dialer List
56	Summary Call Statistics Record – Post MSR 1.6
57	Carrier Call Statistics Message - Post MSR 1.6
58	Service Level Table

Table 2-7: Table ID values (continued)

Value	Definition
59	Expanded Call Screening List
60	Terminal Software Version Message
61	Coin Call Detail Record
62	Numbering Plan Table
63	Rate Request Message – Universal
64	Rate Response Message – Universal
65	Authorization Response Message – Post MSR 1.5
66	Inmate Feature Configuration Table
67	Inmate Setup Table
68	MDS Configuration Table
69	MDS Statistics Message
70	Mondex Deposit Record Message
71	Expanded Carrier Call Statistics Message
72	Spare Table
73	Rate Table
74-80	NPA/NXX Table (1-7)
81	NPA/NXX Table 8
82	Query Terminal Error Report
83	Terminal Error Report Message
84	Call Set-up Parameters Table
85	Expanded Visual Prompts Language A

Table 2-7: Table ID values (continued)

Value	Definition
86	Expanded Visual Prompts Language B
88	Enhanced Card Table
90	NPA/NXX Table 9
91	NPA/NXX Table 10
92	200 Number Call Screening List
92B	180 Number Call Screening List
93	Smart Card Parameters Table
	Embedded Discount Table
94	Code Download Table
95	Instant Win Table
96-100	Not Used
101-107	Compressed LCD tables (1-7)
108-115	Compressed LCD tables (8-15)
116-130	Not Used
131-133	Graphic Table
134	Expanded Card Table (32 Entries)
135	Expanded Carrier Table (33 Entries)
136-149	Double Compressed LCD Tables
150	Set Based Rating NPA Table
151	Set Based Rating International Table
152	Time of Day Discounting Table
153	Graphic Screen Statistics

Table 2-7: Table ID values (continued)

Value	Definition
154	Double-compressed LCD 15
155	Double-compressed LCD 16

Name:	VERSION TIMESTAMP
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (18,0) unsigned
Default:	No default or null
Format:	64-bit Julian timestamp - GMT
Comments:	Must exist on Terminal Table Data file (TERMDAT), for the table indicated by the Table ID.
Description:	

TERMTAB (Terminal Type to Table ID Assignments Table)

Description:

This table contains a list of all active terminal types, all tables supported by these terminal types, and whether each table is mandatory or optional. An initialization file populates this table.

Estimated Volume: 30

Primary Key: Terminal Type

Record length: 406

2-539 TERMTAB (Terminal Type to Table ID Assignments Table)

Fields:

Name:	TERMINAL TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(3)
Default:	No default not null
Values:	See Terminal Type (TERMTYP) table for values.
Constraint:	Check Terminal Type > 0
Description:	See terminal type (TERMTYP) table for description.

Name: **DESCRIPTION**

Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(40)
Default:	SYSTEM not null
Constraints:	
Description:	Terminal type description

Name: **FEATURE TERMINAL TYPE**

Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	No default not null
Constraints:	
Description:	Contains the value of the terminal type that is packed in the Feature Configuration table for download to the terminal. The values are: 1 - Card 2 - Universal 3 - Coin 4 - Inmate

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TABLES 20 29 Optional PIC X(10) SYSTEM not null This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TABLES 20 29 MO Optional PIC X(10) No default not null This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TABLES 30 39 Optional PIC X(10) SYSTEM not null This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

2-541 TERMTAB (Terminal Type to Table ID Assignments Table)

Name:	TABLES 30 39 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 40 49
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 40 49 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.

Name:	TABLES 50 59
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEMnot null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 50 59 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 60 69
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

2-543 TERMTAB (Terminal Type to Table ID Assignments Table)

Name:	TABLES 60 69 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 70 79
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 70 79 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 80 89
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

Name:	TABLES 80 89 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 90 99
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 90 99 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PICX(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 100 109
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEMnot null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

2-545 TERMTAB (Terminal Type to Table ID Assignments Table)

Name:	TABLES 100 109 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 110 119
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 110 119 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 120 129
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

Name:	TABLES 120 129 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 130-139
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 130 139 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 140 149
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

2-547 TERMTAB (Terminal Type to Table ID Assignments Table)

Name:	TABLES 140 149 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 150 159
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 150 159 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 160 169
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

Name:	TABLES 160 169 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 170 179
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 170 179 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Name:	TABLES 180 189
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.

2-549 TERMTAB (Terminal Type to Table ID Assignments Table)

Name:	TABLES 180 189 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each being either an M or an O, depending on which tables are mandatory and which are optional.
Name:	TABLES 190 199
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	SYSTEM not null
Description:	This field contains a set of 10 digits of either a 0, 1 or 2. The order of these digits depends on which tables the terminal type supports.
Name:	TABLES 190 199 MO
Mand/Opt'l:	Optional
Occurrences:	
Data type:	PIC X(10)
Default:	No default not null
Description:	This field contains a set of 10 characters, each one being either an M or an O, depending on which tables are mandatory and which are optional for this terminal type.
Description:	This field contains a set of 10 characters, each being either an M or an O, depending on which tables are mandatory and which are optional.

TERMTRC (Terminal Trace)

Description:

This table contains a history of all terminal ID crossovers; that is, terminal ID changes. Only a terminal ID change can add a record to this table.

The first time a terminal ID crossover occurs, two records are added to this table. The first record, with Sequence Number One, contains the original ID of the terminal. The second record, Sequence Number Two, contains the new terminal ID.

When the next crossover occurs, a third record will be added, containing the new terminal ID. The record with the highest sequence number in a series always identifies the current terminal ID.

Estimated Volume: 1000

Primary Key:

Term Trace Num
Sequence Index

Record length: 49

Alternate Key:

Terminal ID
Crossover Date (Descending)
Crossover Time (Descending)

Index (Unique): TERMTRC0

By: TERMINAL ID ,
CUTOVER DATE DESCENDING ,
CUTOVER TIME DESCENDING

2-551 TERMTRC (Terminal Trace)

Fields:

Name:	TERM TRACE NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PICV S9(18)
Default:	No default not null
Constraint:	Check Term Trace Num > 0
Description:	This is a unique identifier which is assigned by the Millennium Manager the first time a terminal's ID changes. All subsequent terminal ID changes for that terminal will be associated with this unique identifier.
Name:	SEQUENCE INDEX
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Constraint:	Check Sequence Index> 0
Description:	Indicates where, in a sequence of terminal ID changes, that this cutover occurred.
Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Constraint:	Check Terminal ID >= 1000000000
Description:	This is one of the terminal IDs, in a series of terminal IDs, for a terminal. The record with the highest sequence number in the series contains the current terminal ID. The record with the lowest sequence number (1) contains the original terminal ID for a terminal.

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	With Region Code, must exist on Region table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco under which this record was created
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	Check Region Code <> “ ”
Constraint:	
Description:	Identifies the Region to which the terminal belonged when the cutover occurred.
Name:	CUTOVER DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the previous terminal ID was changed to this terminal ID, in Millennium Manager local time.
Name:	CUTOVER TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HMMSS
Range:	000000 - 235959

2-553 TERMTYP (Terminal Type)

Comments:	Must have a valid Time format.
Constraint:	Check Cutover Time <=235959
Description:	Time at which the previous terminal ID was changed to this terminal ID, in Millennium Manager local time.

TERMTYP (Terminal Type)

Description:

This table contains the list of terminal types supported by the Millennium Manager.

Estimated volume: 1 record per terminal type per software version.

Primary Key:

Terminal Type
Software Version

Record length: 58

Fields:

Name:	TERMINAL TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric(3,0) unsigned
Default:	No default not null
Comments:	Corresponds to the same Terminal Type which is used on the Terminal Control table. Refer to Table 2-8.

Table 2-8: Terminal type table

Description:	NCC Terminal Type Definitions
1-7	Obsolete in MSR 2.0
8	Card 1.6
9	Universal 1.6
10	Coin 1.6 (not used)
11	Desktop MSR 1.6
12	Card MSR 1.7
13	Multi-Pay MSR 1.7
14	Multi-pay w Datajack MSR 1.7
15	Desktop MSR 1.7
16	Inmate MSR 1.7i
17	Card MSR 1.8 (not used)
18	Multi-Pay MSR 1.8
19	Coin 1.7 Generic 2
20	Desktop MSR 1.8 (not used)
21	Multi-Pay MTR 2.1 (Visa)
22	Multi-Pay MTR 2.2 (Mondex)
23	Card MSR 1.7 Generic 2
24	Multi-Pay MSR 1.7 Generic 2
25	Desktop MSR 1.7 Generic 2
26	Multi-pay w Datajack MSR 1.7 Generic 2
27	Card MTR 1.9
28	Multi-Pay MTR 1.9
29	Desktop MTR 1.9

2-555 TERMTYP (Terminal Type)

Table 2-8: Terminal type table

Description:	NCC Terminal Type Definitions
30	Multi-Pay w Datajack MTR 1.9
31	Coin MTR 1.9
32	Multi-Pay International Release 1
31	Coin MTR 1.9
32	Multi-Pay International Release 1
33	Desktop International Release 1
34	Multi-Pay MTR 2.3 (SmartCity)
35	Card MTR 2.0
36	Multi-pay MTR 2.0
37	Desktop MTR 2.0
38	Coin Basic MTR 2.0
39	Card Graphical Terminal MTR 2.0
40	Multi-Pay Graphical Information Terminal MTR 2.0
41	Proton Multi-Pay MTR 2.4
42	Intl MTR 1.9 Coin Basic w/Display
43	MTR 1.11 Card (No Instant Win)
44	MTR 1.11 Multi-Pay (No Instant Win)
45	MTR 1.11 Desk (No Instant Win)
46	Intl MTR 1.9 Multi-Pay
47	MTR 1.11 Card with Instant Win
48	MTR 1.11 Multi-Pay with Instant Win
49	MTR 1.11 Desk with Instant Win

Table 2-8: Terminal type table

Description:	NCC Terminal Type Definitions
50	MTR 2.11 Card (No Instant Win)
51	MTR 2.11 Multipay (No Instant Win)
52	MTR 2.11 Card with Instant Win
53	MTR 2.11 Multipay with Instant Win
54	Card MTR 2.0 only
55	Desktop MTR 1.7 MC with Datajack

Name:	SOFTWARE VERSION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(11)
Default:	No default not null
Format:	XXXXXXXXXXXX where XXXX is Control Version No. YYYYYYYY is Control ROM Edition
Comments:	Corresponds to the same Control Version No. and Control ROM Edition which are used on the Terminal Software Version table.
Name:	PACK TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Description:	Indicates the type of tables, card or universal, which are compatible with this terminal type.

2-557 TFWUPG (Terminal Firmware Upgrade)

Name:	FEATURE TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Description:	This is the value of terminal type that is packed in the Feature Config Card or Feature Config Universal table for download to the terminal.
Name:	DESCRIPTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	X(40)
Default:	No default not null
Description:	See description of terminal type.

TFWUPG (Terminal Firmware Upgrade)

Description:

Estimated volume:

Primary Key:

From Control ROM Edition

To Control ROM Edition

Record length:

Fields	
Name:	FROM CONTROL ROM EDITION
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(7)
Default:	Not null
Constraint:	Check From Control ROM Edition <> “ “
Description:	
Name:	TO CONTROL ROM EDITION
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(7)
Default:	Not null
Constraint:	Check To Control ROM Edition <> “ “
Name:	CASHBOX CONTENTS LOST FLAG
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(1)
Default:	Not null
Constraint:	Check Cashbox Contents Lost Flag In (“0”, “1”)

TICDR (Terminal Inmate Call Detail)

Description:

This table contains the call detail records (CDRs) received from the Inmate terminals. All call detail records contain a sequence number, generated by the terminal, which is unique to each call attempt.

Primary Key:

Terminal ID
Starting Date
Start Time
Sequence No

2-559 TICDR (Terminal Inmate Call Detail)

Record length: 166

Alternate Key 2:
Card Number

Alternate Key 3:
Telco ID
Transmit MSA DT
Transmit MSA TM
Archive Ind

Alternate Key 4:
Telco ID
Region Code
Terminal ID
Card Number
Called Telephone No
Start Date
Starting Date
Start Time
Call Duration
CD Call Type
Call Disposition

Alternate Key 5:
Called Telephone No

Index (Not unique): TICDR1
By: CARD NUMBER

Index (Not unique): TICDR2
By: TELCO ID,
TRANSMIT MSA DT,
TRANSMIT MSA TM,
ARCHIVE IND

Index (Not unique): TICDR3

By: telco id,
 region code,
 terminal id,
 card number,
 called telephone no,
 start date,
 start time,
 call duration,
 cd call type,
 call disposition

Index (Not unique): TICDR4

By: called telephone no

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the CDR record was received by the Millennium Manager, in the Millennium Manager local time.

2-561 TICDR (Terminal Inmate Call Detail)

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the CDR record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	TRANSMIT MSA DT
Mand/Opt'l:	Optional
Data type:	PIC 9(8)
Default:	0 not null
Format:	YYYYMMDD
Description:	
Name:	TRANSMIT MSA TM
Mand/Opt'l:	Optional
Data type:	PIC 9(6)
Default:	0 not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	
Name:	TRANSMITTED IND
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	

Name:	INTERNATIONAL CALL IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Values:	0 No 1 Yes
Description:	Indicates whether the call was an international call.
Name:	REP DIALER CALL
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No 1 Yes
Description:	Indicates whether the call was a repertory dialer call.
Name:	SMART CARD FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	This indicates that a smart card was used. This field was introduced in MSR 1.6, when there was no payment type to indicate a smart card was used. It is obsolete now, and will probably be removed in a future system release
Name:	CARD SPILL OCCURRED
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	Indicates that the card number was sent to the network.

2-563 TICDR (Terminal Inmate Call Detail)

Name:	MANUALLY DIALED CARD NUMBER	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	"0"	No
	"1"	Yes

Description:

Name:	FEATURE GROUP B	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Description:	Feature Group B is a category of free access to the carrier network. It usually uses 1-800 or 950xxx.	

Name:	SPARE FLAG 6	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	Not null	
Description:		

Name:	CALLED TELEPHONE NO	
Mand/Opt'l:	Mandatory	
Data type:	PIC X(20)	
Default:	Not null	
Description:	This field contains the called number for non-summary records. See note below.	

Note: Starting with MTR 1.9 terminals, this field contains a peg count of MDS calls for summary local smart card calls.

Name:	CARRIER XREF NUMBER
Mand/Opt'l:	Optional
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	
Name:	CARD NUMBER
Mand/Opt'l:	Optional
Data type:	PIC X(20)
Default:	Spaces not null
Description:	
Name:	AMOUNT CHARGED
Mand/Opt'l:	Optional
Data type:	Numeric (9.2) unsigned
Default:	0 not null
Units:	Dollars and cents
Description:	
Name:	AMOUNT COLLECTED
Mand/Opt'l:	Optional
Data type:	Numeric (9.2) unsigned
Default:	0 not null
Units:	Dollars and cents
Description:	<p>This field supports the zero-value smart card feature, where a smart card with less than the value of a local call, can be used for one call to zero-out the card.</p> <ul style="list-style-type: none"> • For local individual smart card CDR records, this field amount may be less than the amount charged.

2-565 TICDR (Terminal Inmate Call Detail)

	<ul style="list-style-type: none">For summary smart card records this amount (collected value) would be less than the peg count times the local rate (expected value).For summary local CDRs, this field contains a peg count for the number of calls.
Name: Mand/Opt'l: Data type: Default: Description:	SEQUENCE NO Mandatory Numeric (5,0) unsigned Not null A unique number generated by the terminal.
Name: Mand/Opt'l: Data type: Default: Format: Description:	START DATE Mandatory PIC 9(6) Not null YYMMDD Date on which the call began, in the terminal's local time.
Name: Mand/Opt'l: Data type: Default: Format: Description	STARTING DATE PIC 9(8) Not null Date on which the call began, in the terminal's local time, using a four-digit year.

Name:	START TIME
Mand/Opt'l:	Mandatory
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the call began, in the terminal's local time.
Name:	CALL DURATION
Mand/Opt'l:	Optional
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Comments:	Must have a valid Time format.
Description:	
Name:	CD CALL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Values:	Refer to CD Call Type in table TCDR
Range:	0 - 255
Description:	
Name:	PAYMENT TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Values:	Refer to Payment Type in table TCDR.
Comments:	Remaining entries unused.
Range:	0 - 15
Description:	

2-567 TICDR (Terminal Inmate Call Detail)

Name:	CA NOT AVAILABLE IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	0 not null
Values:	0 No (Authorized Call) 1 Yes (Authorization not available)
Description:	Card Authorization Not Available.
Name:	POWER FAIL IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No (Normal power) 1 Yes (Power failure)
Description:	
Name:	FOLLOW ON CALL IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	0 not null
Values:	0 No 1 Yes
Description:	This indicates a call made using the Next Call button,
Name:	AUTHORIZATION RESPONSE CD
Mand/Opt'l:	Optional
Data type:	PIC X(8)
Default:	Not null
Description:	

Name:	FLAGS BIT 0	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	“0”	No
	“1”	Yes
Constraint:	Check Flags Bit 0 In (“0”, “1”)	
Description:	Used to support 10XXX Dialed by User field.	
Name:	FLAGS BIT 1	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	“0”	No
	“1”	Yes
Constraint:	Check Flags Bit 1 In (“0”, “1”)	
Description:	Summary Local Smart Card Indicator	
Name:	MULTIPLE SMART CARDS USED	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	“0”	No
	“1”	Yes
Constraint:	Check Multiple Smart Cards Used In (“0”, “1”)	
Description:		

2-569 TICDR (Terminal Inmate Call Detail)

Name:	CARRIER PREFIX
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Carrier Prefix In ("0", "1")
Description:	Used to support 0 Prefix Dialed by User field in Flags Bit 3. This is a number the terminal uses to determine what a carrier number is (950, 10xxx, and so on).
Name:	ZERO ONE ADDED OR CONVERTED
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Zero One Added Or Converted In ("0", "1")
Description:	Used to support 1 Prefix Dialed by User field in Flags Bit 4.
Name:	POST MSR16 CDR
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Post MSR16 CDR In ("0", "1")
Description:	

Name:	CARD REF NO
Mand/Opt'l:	Optional
Data type:	PIC 9(3)
Default:	255 not null
Range:	0 - 255
Comments:	The value of zero will be reserved for the coin call.
Description:	Indicates the unique identifier value assigned in the CARD Table to the Card.
Name:	CALL DISPOSITION
Mand/Opt'l:	Optional
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 255
Values:	0 Accept 1 - 127 Reject 128 - 255 Accept
Description:	These codes are defined in the Card Authorization server parameters and are configurable by the system manager. Indicates the result of the card authorization request.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ “
Description:	Identifies the Telco under which this record was created.

2-571 TICDR (Terminal Inmate Call Detail)

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.
Name:	CALL DURATION SEC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	0 not null
Description:	Stores the duration of the call in seconds

TIMEDIS (Time of Day Discount)

Description

Estimated Volume:

Primary Key:

Telco ID
Configuration ID

Record length: 102

Fields

Name: TELCO ID (Primary Key 1)

Mand/Opt'l:
Occurrences:
Format:
Default:
Constraint:
Description:

PIC X(2)

No default not null

Check Telco ID <> “ ”

Name: CONFIGURATION ID (Primary Key 2)

Mand/Opt'l:
Occurrences:
Format:
Default:
Constraint:
Description:

PIC X(6)

No default not null

Check Configuration ID <> “ ”

With the Telco ID, uniquely identifies this record.

Name: TIME OF DAY DISCOUNTS

Mand/Opt'l:
Occurrences:
Format:
Default:
Description:

PIC X(94)

0 not null

TLOGEX (Transaction Log Exceptions)

Description:

This table contains all transaction log records which resulted in the generation of processing errors by MTIP. These records could not be recorded in any Millennium Manager tables, and must be examined on an individual basis for the cause of the error.

Estimated Volume:**Primary Key:**

Rollover Date Descending
Rollover Time Descending
TL Filename
Processing Err Msg
Error Date
Error Time

Record length: 154**Alternate Key:**

Error Date
Error Time

Index (Not unique): TLOGEX0

By: ERROR DATE,
ERROR TIME

Fields:

Name:	ROLLOVER DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD

Description:	Date on which the Transaction Log file (see File-name below) was rolled-over by the Log Monitor process, in Millennium Manager local time.
Name:	ROLLOVER TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the Transaction Log file (see File-name below) was rolled-over by the Log Monitor process, in Millennium Manager local time.
Name:	TL FILENAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Format:	TLOGnnnn, where nnnn is a sequential number assigned by the Log Monitor process.
Description:	
Name:	PROCESSING ERR MSG
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(5)
Default:	No default not null
Comments:	Must exist on System Message table.
Description:	Message ID indicating the type of error encountered by MTIP.

2-575 TLOGEX (Transaction Log Exceptions)

Name:	ERROR DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the error was detected by MTIP, in Millennium Manager local time.
Name:	ERROR TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(9)
Format:	HMMSSmmm
Default:	No default not null
Range:	000000000 - 235959999
Comments:	Must have a valid Time format.
Description:	Time at which the error was detected by MTIP, in Millennium Manager local time.
Name:	TERMINAL ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC S9(10)
Default:	Not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	TRANSACTION ERROR DATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(100)
Default:	Not null
Description:	Retrieved from Transaction Log record.

TLOGST (Transaction Log Status)

Description:

This table contains the processing status information for all transaction log files.

Estimated Volume:
Primary Key:

Rollover Date
 Rollover Time
 TL Filename
 Processing Start Date
 Processing Start Time

Record length: 60

Alternate Key:

Rollover Date
 Rollover Time
 TL Filename
 Processing Start Date
 Processing Start Time

Index (Unique): TLOGST0

By: ROLLOVER DATE ,
 ROLLOVER TIME ,
 TL FILENAME ,
 PROCESSING START DATE ,
 PROCESSING START TIME

Fields:

Name:	ROLLOVER DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)

2-577 TLOGST (Transaction Log Status)

Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Transaction Log File (see File-name below) was rolled-over by the Log Monitor process, in Millennium Manager local time.
Name:	ROLLOVER TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the Transaction Log File (see File-name below) was rolled-over by the Log Monitor process, in Millennium Manager local time.
Name:	TL FILENAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Format:	TLOGnnnn, where nnnn is a sequential number assigned by the Log Monitor process.
Description:	
Name:	PROCESSING START DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which MTIP began processing the Transaction Log file, in Millennium Manager local time. See note below.

Note: This field and the start time are part of the key because MTIP may have to process the same file more than once, in the event that a severe error occurred the first time.

Name:	PROCESSING START TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which MTIP began processing the Transaction Log file, in Millennium Manager local time.

Note: This field and the start time are part of the key because MTIP may have to process the same file more than once, in the event that a severe error occurred the first time.

Name:	PROCESSING STOP DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which MTIP finished processing the Transaction Log file, in Millennium Manager local time.

Name:	PROCESSING STOP TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959

2-579 TLOGST (Transaction Log Status)

Comments:	Must have a valid Time format.
Description:	Time at which MTIP finished processing the Transaction Log file, in Millennium Manager local time.
Name:	PROCESSING STATUS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(1)
Default:	No default not null
Values:	0 Pending 1 Processing Started 2 Processed Successfully 3 Processed Unsuccessfully
Description:	
Name:	RECORDS ACCEPTED CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	Not null
Description:	The number of records which were successfully processed by MTIP.
Name:	RECORDS REJECTED CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	Not null
Description:	The number of records which were not successfully processed by MTIP. These records will be written to the Transaction Log Exceptions table (TLOGEX).

TLOG9999 (Transaction Log)

Description:

This ENSCRIBE file is created by the log monitor process. It contains the terminal information received from the terminal by the OLTP subsystem, which must be processed by MTIP in order to update the Millennium Manager tables.

Estimated Volume: 70 / Terminal / Day

Primary Key: **Entry Sequenced=**

Fields:

Name: **RECORD TYPE**

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: 9(4)

Description:

Name: **RECEIVED DATE**

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: Pic 9(6)

Format: YYYYMMDD

Description: Date on which the message was received by the Millennium Manager, in the Millennium Manager local time.

Name: **RECEIVED TIME**

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: 9(8)

Format: HHMMSSCC

Range: 00000000 - 23595999

Comments: Must have a valid Time format.

2-581 TLOG9999 (Transaction Log)

Description:	Time at which the message was received by the Millennium Manager, in the Millennium Manager local time.
Name: Mand/Opt'l: Occurrences: Data type: Format: Range: Description:	TERMINAL ID Mandatory 1 X(10) NPA-NXX-LINE 1000000000 - 9999999999 This is the telephone number of the terminal.
Name: Mand/Opt'l: Occurrences: Data type: Description:	TELCO ID Mandatory 1 X(2) Identifies the Telco under which this record was created.
Name: Mand/Opt'l: Occurrences: Data type: Description:	REGION CODE Mandatory 1 X(3) Identifies the Region under which this record was created
Name: Mand/Opt'l: Occurrences: Data type: Description:	RECEIVED DATA Mandatory 1 Variable length (max. 244) Contains the data received from the terminal, e.g. Performance statistics, CDRs, Call Statistics, etc. Format of this field depends on the type of data transmitted to the Millennium Manager.

TMAREA (Time Area)

Description:

This table contains the time areas used by the Millennium Manager to group terminals which operate at the same local time. There can be more than one time area in a time zone, to handle those situations where terminals in the same time zone switch to daylight savings time on different dates.

Estimated volume: 5

Primary Key: Time Area

Record length: 80

Fields:

Name:	TIME AREA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	'00' has been reserved for the time area of the Millennium Manager.
Constraint:	Check Time Area <> “ “
Description:	

Name:	DESCRIPTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Description:	

2-583 TMAREA (Time Area)

Name:	STANDARD ADJUST DATE IN GMT
Mand/Opt'l:	Optional, when the time never changes to Daylight Savings.
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Constraint:	Check Standard Adjust Time IN GMT <= 235959
Description:	This is the date in GMT when the terminal will switch to Standard Time.
Name:	STANDARD ADJUST TIME IN GMT
Mand/Opt'l:	Optional, when the time never changes to Daylight Savings.
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	This is the time in GMT when the terminal will switch to Standard Time.
Name:	STANDARD OFFSET FROM GMT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	Not null
Format:	HHMM
Range:	0000 - 1159
Comments:	Must have a valid Time format.
Constraint:	Check Standard Offset From GMT <= 1159
Description:	This is the amount of time difference between GMT and the terminal's local time when the terminal is operating in Standard time.

Name:	STANDARD OFFSET DIRECTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	"-" not null
Values:	"-" West of the Prime Meridian (Greenwich, London) "+" East of the Prime Meridian (Greenwich, London)
Constraint:	Check Standard Offset Direction In ("+", "-")
Description:	
Name:	DAYLIGHT ADJUST DATE IN GMT
Mand/Opt'l:	Optional
Occurrences:	1
Picture:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Constraint:	Check Daylight Adjust Time IN GMT <= 235959
Description:	This is the date in GMT when the terminal will switch to Daylight Savings Time.
Name:	DAYLIGHT ADJUST TIME IN GMT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	This is the time in GMT when the terminal will switch to Daylight Savings Time.

2-585 TMAREA (Time Area)

Name:	DAYLIGHT OFFSET FROM GMT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	Not null
Format:	HHMM
Range:	0000 - 1159
Comments:	Must have a valid Time format.
Constraint:	Check Daylight Offset From GMT <= 1159
Description:	This is the amount of time difference between GMT and the terminal local time when the terminal is operating in Daylight Savings time.
Name:	DAYLIGHT OFFSET DIRECTION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	"-" not null
Values:	"-" West of the Prime Meridian (Greenwich, London) "+" East of the Prime Meridian (Greenwich, London)
Constraint:	Check Daylight Offset Direction In (" ", "+", "-")
Description:	

TMDSST(Terminal Message Delivery Service Statistics)

Description:

This table contains the Message Delivery Service statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls.

Estimated Volume:**Primary Key:**

Terminal ID
Summary Period Start Date
Summary Period Start Time

Record length: 256**Alternate Key 1:**

Telco ID

Alternate Key 2:

Received Dt

Alternate Key 3:

Received Tm

Alternate Key 4:

Telco ID
Summary Period Start Date
Summary Period Start Time
Archive Ind

Index (Not unique): TMDSST0

By: TELCO ID

2-587 TMDSST(Terminal Message Delivery Service Statistics)

Index (Not unique): TMDSST2

By: RECEIVED DT

Index (Not unique): TMDSST3

By: RECEIVED TM

Index (Not unique): TMDSST4

By: TELCO ID,
SUMMARY PERIOD START DATE,
SUMMARY PERIOD START TIME,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Format:	HHMMSSCC

<p>Default: Not null</p> <p>Range: 00000000 - 23595999</p> <p>Comments: Must have a valid Time format.</p> <p>Description: Time at which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.</p>
<p>Name: SUMMARY PERIOD START DATE</p> <p>Mand/Opt'l: Mandatory</p> <p>Occurrences: 1</p> <p>Data type: PIC 9(8)</p> <p>Default: No default not null</p> <p>Format: YYYYMMDD</p> <p>Description: Date on which the terminal began recording Message Delivery Service Statistics, in the terminal local time.</p>
<p>Name: SUMMARY PERIOD START TIME</p> <p>Mand/Opt'l: Mandatory</p> <p>Occurrences: 1</p> <p>Data type: PIC 9(6)</p> <p>Default: No default not null</p> <p>Format: HHMMSS</p> <p>Description: Time on which the terminal began recording Message Delivery Service Statistics, in the terminal local time.</p>
<p>Name: SUMMARY PERIOD STOP DATE</p> <p>Mand/Opt'l: Optional</p> <p>Occurrences: 1</p> <p>Data type: PIC 9(8)</p> <p>Default: Not null</p> <p>Format: YYYYMMDD</p> <p>Description: Date on which the terminal stopped recording Message Delivery Service Statistics, in the terminal local time.</p>

2-589 TMDSST(Terminal Message Delivery Service Statistics)

Name:	SUMMARY PERIOD STOP TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Description:	Time on which the terminal stopped recording Message Delivery Service Statistics, in the terminal local time.
Name:	RNA LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were RNA.
Name:	RNA INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Description:	intra-lata calls that were RNA.
Name:	RNA INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Inter-lata calls that were RNA.
Name:	RNA INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Description:	International calls that were RNA.

Name:	BUSY LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were busy.
Name:	BUSY INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	intra-lata calls that were busy.
Name:	BUSY INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Inter-lata calls that were busy.
Name:	BUSY INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	International calls that were busy.
Name:	SELECTED RNA LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were RNA and MDS was selected.

2-591 TMDSST(Terminal Message Delivery Service Statistics)

Name:	SELECTED RNA INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	intra-lata calls that were RNA and MDS was selected.
Name:	SELECTED RNA INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Inter-lata calls that were RNA and MDS was selected.
Name:	SELECTED RNA INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	International calls that were RNA and MDS was selected.
Name:	SELECTED BUSY LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were BUSY and MDS was selected.
Name:	SELECTED BUSY INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned

<p>Default:</p> <p>Description:</p>	Not null intra-lata calls that were BUSY and MDS was selected.
<p>Name:</p> <p>Mand/Opt'l:</p> <p>Occurrences:</p> <p>Data type:</p> <p>Default:</p> <p>Description:</p>	SELECTED BUSY INTERLATA Optional 1 Numeric (5,0) unsigned Not null Inter-lata calls that were BUSY and MDS was selected.
<p>Name:</p> <p>Mand/Opt'l:</p> <p>Occurrences:</p> <p>Data type:</p> <p>Default:</p> <p>Description:</p>	SELECTED BUSY INTERNATIONAL Optional 1 Numeric (5,0) unsigned Not null International that calls were BUSY and MDS was selected.
<p>Name:</p> <p>Mand/Opt'l:</p> <p>Occurrences:</p> <p>Data type:</p> <p>Default:</p> <p>Description:</p>	ABANDONED LOCAL Optional 1 Numeric (5,0) unsigned Not null Selected local calls that aborted.
<p>Name:</p> <p>Mand/Opt'l:</p> <p>Occurrences:</p> <p>Data type:</p> <p>Default:</p> <p>Description:</p>	ABANDONED INTRALATA Optional 1 Numeric (5,0) unsigned Not null Selected intra-lata calls that aborted.

2-593 TMDSSST(Terminal Message Delivery Service Statistics)

Name:	ABANDONED INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected inter-lata calls that aborted.
Name:	ABANDONED INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected international calls that aborted.
Name:	ACCESSED LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected MDS local calls that went to the MDS offer of service.
Name:	ACCESSED INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected MDS intra-lata calls that went to the MDS offer of service.
Name:	ACCESSED INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null

Description:	Selected MDS inter-lata calls that went to the MDS offer of service.
Name:	ACCESSED INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected MDS international calls that went to the MDS offer of service.
Name:	COIN DI LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Coin direct plus intentional local MDS calls.
Name:	COIN DI INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Coin direct plus intentional intra-lata MDS calls.
Name:	COIN DI INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Coin direct plus intentional inter-lata MDS calls.
Name:	COIN DI INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null

2-595 TMDSST(Terminal Message Delivery Service Statistics)

Description:	Coin direct plus intentional international MDS calls.
Name:	CARD DI LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional local MDS calls.
Name:	CARD DI INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional intra-lata MDS calls.
Name:	CARD DI INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional inter-lata MDS calls.
Name:	CARD DI INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional international MDS calls.
Name:	SMART CARD DI LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null

Description:	Smart direct plus intentional local MDS calls.
Name:	SMART CARD DI INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Smart direct plus intentional intra-lata MDS calls.
Name:	SMART CARD DI INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Smart direct plus intentional inter-lata MDS calls.
Name:	SMART CARD DI INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Smart direct plus intentional international MDS calls.
Name:	COIN INTENTIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Intentional coin MDS calls.
Name:	CARD INTENTIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Intentional card MDS calls.

2-597 TMDSST(Terminal Message Delivery Service Statistics)

Name:	SMART CARD INTENTIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Intentional smart card MDS calls.
Name:	SPARE (1 - 10)
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	For future use
Name:	TELCO ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Description:	Identifies the Telco for this record
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Indicates whether this record has been archived.

TMONDEX (Terminal Mondex Deposit Record)

Description:

This table is used to provide Mondex deposit records every time a deposit is made to the collection system.

Estimated Volume:**Primary Key:**

Terminal ID
Deposit Datetime
Sequence Numbers

Record length: 146

Alternate Key:

Telco ID
Deposit Datetime
Archive Ind

Index (Not unique): TMONDEX0

By: TELCO ID,
DEPOSIT DATETIME,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Constraint:	Check Terminal ID <> 0
Description:	This is the telephone number of the terminal.

2-599 TMONDEX (Terminal Mondex Deposit Record)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	RECEIVED DATETIME Mandatory 1 Datetime year to second SYSTEM not null Date and time when the MONDEX deposit record was received by the Millennium Manager, in the Millennium Manager local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	PURSE ID Optional 1 PIC X(20,0) No default not null Unique identifier of the Terminal's EPM (Electronic Purse Module). The deposit server verifies this code before allowing the terminal to make a deposit.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Constraint: Description:	PURSE CLASS Optional 1 Numeric (3,0) No default not null 0 - 255 Check Purse Class Between 0 and 255 Classification of the terminal EPM, which entails certain levels of restrictions applied to the EPM. It is set by the manufacturer of the EPM.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range:	PURSE PARAMETERS Optional 1 Numeric (3,0) No default not null 0 - 255

Constraint:	Check Purse Parameters Between 0 and 255						
Description:	<p>Returned by the terminal as part of the response to the ADSI STA: Card Details Request command.</p> <p>The last 4 bits of this field are the Purse Provider Options of which the least significant bit is encoded as follows:</p> <ul style="list-style-type: none"> 0 - non-linkable card 1 - linkable card 						
Name:	PURSE NARRATIVE						
Mand/Opt'l:	Optional						
Occurrences:	1						
Data type:	PIC X(12)						
Default:	No default not null						
Description:	This field is used to identify the purse ownership to the other system users. Each purse narrative will be coded in the character set specified by the narrative character set indicator. Typically, it contains the text encoded in the terminal EPM, providing a general description about the EPM.						
Name:	TERM EPM REP DATETIME						
Mand/Opt'l:	Optional						
Occurrences:	1						
Data type:	DATETIME YEAR TO SECOND						
Default:	SYSTEM NOT NULL						
Description:	<p>The date after which the purse application may be prevented by an IFD from operating. It is returned by the terminal as part of the response to the ADSI STA: Card Details Request command – that is, the expiry date of the terminal EPM.</p> <p>It is encoded as follows:</p> <table> <tr> <td>year (1992 - 9999)-</td> <td>2 bytes</td> </tr> <tr> <td>month (1-12)</td> <td>1 byte</td> </tr> <tr> <td>day (1-31)</td> <td>1 byte</td> </tr> </table>	year (1992 - 9999)-	2 bytes	month (1-12)	1 byte	day (1-31)	1 byte
year (1992 - 9999)-	2 bytes						
month (1-12)	1 byte						
day (1-31)	1 byte						

2-601 TMONDEX (Terminal Mondex Deposit Record)

	hour (0-23) minute (0-59) second (0-59)	1 byte 1 byte 1 byte
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	AMOUNT DEPOSITED Optional 1 Numeric (10,2) No default not null Dollar amount of the deposit made by the terminal.	
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CURRENCY TYPE Optional 1 PIC X(3) No default not null Type of currency of the deposit.	
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DEPOSIT DATETIME Mandatory 1 DATETIME YEAR TO SECOND SYSTEM not null Mondex deposit date and time in the deposit server's local time.	
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TEL NUM DEPOSIT SERVER Optional 1 Numeric (12,0) No default not null The telephone number of the deposit server which the terminal calls to make a deposit.	

Name:	COUNT PARTY PURSE ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Description:	The identifier for the “other” purse in a payment (as seen by the purse receiving the data element).
Name:	COUNT PARTY PURSE CLASS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Range:	0 - 255
Constraint:	Check Count Party Purse Class Between 0 and 255
Description:	Classification of the deposit server EPM, which entails certain levels of restrictions applied to the EPM. It is set by the manufacturer of the EPM.
Name:	COUNT PARTY PURSE PARAM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Range:	0 - 255
Constraint:	Check Count Part Purse Param Between 0 and 255
Description:	
Name:	COUNT PARTY PURSE NARTV
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(12)
Default:	No default not null

2-603 TMONDEX (Terminal Mondex Deposit Record)

Description:	Typically, it contains the text encoded in the deposit server EPM, providing a general description about the EPM. See PURSE NARRATIVE.
Name:	COLLECTION MSG STATUS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Values:	0 to 255
Constraint:	Check Collection Msg Status Between 0 and 255
Description:	A merged collection record can occur if the terminal has made a successful deposit to the collection server, but has been unable to upload the record to the Millennium Manager prior to another successful deposit to the collection server. A merged record will contain the data from the second collection record except for the amount deposited which will be a combined amount. It is possible to have multiple deposit records merged into a single record.(Currently not used)
Name:	SEQUENCE NUMBERS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0)
Default:	No default not null
Range:	0 - 65,535
Constraint:	Check Sequence Numbers Between 0 and 65535
Description:	The combination of terminal ID, ID, deposit date / time and sequence number will ensure the record is unique. Together with the Purse ID, this field is used to make each payment transaction unique.

Note: The sequence number of a payment transaction will always be larger than the sequence number of the previous payment transaction.

Name:	SPARE 1-5
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	0 - 255
Constraint:	Check Spare 1 Between 0 and 255 Check Spare 2 Between 0 and 255 Check Spare 3 Between 0 and 255 Check Spare 4 Between 0 and 255 Check Spare 5 Between 0 and 255
Description:	For future use
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)

2-605 TOPCODE (Terminal Op Code)

Default:	No default not null
Values:	"0" No "1" Yes
Constraint:	Check Archive Ind In ("0","1")
Description:	Indicates whether this record has been archived

TOPCODE (Terminal Op Code)

Description:

This table contains the maintenance action reports/requests received from the terminal.

Estimated Volume: 1 / Terminal / Month

Primary Key:

Terminal ID
Received Dt
Received Tm
Op Code

Record length: 39

Alternate Key:

Telco ID
Received Dt
Received Tm
Archive Ind

Index (Not unique): TOPCODE0

By: TELCO ID,
RECEIVED DT,
RECEIVED TM,
ARCHIVE IND

Fields:

Name: **TERMINAL ID**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC S9(10)
Default: No default not null
Format: NPA-NXX-LINE
Range: 1000000000 - 9999999999
Description: This is the telephone number of the terminal.

Name: **RECEIVED DT**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: YYYYMMDD
Description: Date on which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.

Name: **RECEIVED TM**
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: HHMMSSCC
Range: 00000000 - 23595999
Comments: Must have a valid Time format.
Description: Time at which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.

Name: **OP CODE**
Mand/Opt'l: Mandatory
Occurrences: 1
Default: No default not null

2-607 TOPCODE (Terminal Op Code)

Data type:	Numeric (4,0) unsigned
Description:	The Maintenance request code.
Name:	PIN
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(5)
Default:	No default not null
Description:	The PIN number of the authorized repair person who requested the maintenance.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TOPYTD (Terminal Op Code YTD)

Description:

This table contains a summary of the type and number of maintenance requests generated by an authorized repair person. The count is represented on a month-by-month basis.

Estimated Volume: 24 / Terminal / Year

Primary Key:

Terminal ID
Op Code Year
Op Code Mnth
Op Code
Region Code

Record length: 28

Alternate Key:

Telco ID
Op Code Year
Op Code Mnth
Archive Ind

Index (Not unique): TOPYTDO

By: TELCO ID,
OP CODE YEAR,
OP CODE MNTH,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null

2-609 TOPYTD (Terminal Op Code YTD)

Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	OP CODE YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Indicates the year for which the maintenance request was recorded.
Name:	OP CODE MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Format:	MM
Description:	Indicates the month for which the maintenance request was recorded.
Name:	OP CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Description:	The Maintenance request code.
Name:	OP CODE CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	The total number of this type of Maintenance request code received in one month.

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> " "
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> " "
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Archive Ind In ("0", "1")
Description:	Indicates whether this record has been archived.

TPERFST (Terminal Performance Stats)

Description:

This table contains the performance statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. Statistics are maintained on network and terminal performance.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Summary Period Start Dt
Summary Period Start Tm

Record length: 232

Alternate Key:

Telco ID
Archive Ind
Received Dt
Received Tm

Index (Not unique): TPERFST0

By: TELCO ID,
ARCHIVE IND,
RECEIVED DT,
RECEIVED TM

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999

Description:	This is the telephone number of the terminal.
Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Performance Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Performance Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Performance Statistics, in the terminal local time.

2-613 TPERFST (Terminal Performance Stats)

Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Range: Comments: Description:	SUMMARY PERIOD START TM Mandatory 1 PIC 9(6) SYSTEM not null HMMSS 000000 - 235959 Must have a valid Time format. Time at which the terminal began recording Performance Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	SUMMARY PERIOD STOP DT Optional 1 PIC 9(8) SYSTEM not null YYYYMMDD Date on which the terminal finished recording Performance Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Range: Comments: Description:	SUMMARY PERIOD STOP TM Optional 1 PIC 9(6) SYSTEM not null HMMSS 000000 - 235959 Must have a valid Time format. Time at which the terminal finished recording Performance Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default:	CALL ATTEMPTS CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null

Description:	Indicates the number of call attempts that were made at the terminal during the summary period.
Name:	BUSY SIGNAL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls receiving a busy signal.
Name:	CALL CLEARED NO DATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls that are cleared before data is transferred.
Name:	NO CARRIER DETECT CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls where carrier was not detected from Millennium Manager (or PSN) modem.
Name:	CO ACCESS TO DIAL CNT (1-7)
Mand/Opt'l:	Optional
Occurrences:	7
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	

2-615 TPERFST (Terminal Performance Stats)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DIAL TO CARRIER CNT (1-7) Optional 7 Numeric (5,0) unsigned SYSTEM not null Number of calls attempted by the terminal to the carrier.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARRIER TO 1ST PACKET CNT (1-7) Optional 7 Numeric (5,0) unsigned SYSTEM not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	USER WAIT TO EXPECT INFO CNT (1-7) Optional 7 Numeric (5,0) UNSGINED SYSTEM not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOTAL DIALOGS FAILED Optional 1 Numeric (5,0) unsigned SYSTEM not null Total number of dialogs that failed in the terminal callin.
Name: Mand/Opt'l: Occurrences: Data type: Default:	NO PACKET RCVD ERRORS Optional 1 Numeric (5,0) unsigned SYSTEM not null

Description:	Number of packet errors received from the terminal.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NO PACKET RETRIES RCVD Optional 1 Numeric (5,0) unsigned SYSTEM not null Number of times the terminal tried to re-send a packet.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INACTIVITY COUNT Optional 1 Numeric (5,0) unsigned SYSTEM not null Number of timeouts due to no response.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	RETRY LIMIT OUT OF SERVICE Optional 1 Numeric (5,0) unsigned SYSTEM not null Number of times out-of-service after reaching limit.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARD AUTH TIMEOUTS Optional 1 Numeric (5,0) unsigned SYSTEM not null Number of times a Card Authorization request timed out.

2-617 TPERFST (Terminal Performance Stats)

Name:	RATE REQUEST TIMEOUTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	Number of times a Coin Rate request timed out.
Name:	NO DIAL TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls where No Dial Tone was detected.
Name:	SPARE 1-3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	For future use by terminal.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ “
Description:	Identifies the Telco under which this record was created.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null

Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	o not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TPFYTD (Terminal Performance Stats YTD)

Description:

This table contains a summary of the performance statistics generated by the terminals.

The count is represented on a month-by-month basis.

Estimated Volume: 120 / Terminal / Year

Primary Key:

Terminal ID
Perf Stats Year
Perf Stats Mnth
Region Code

Record length: 182

2-619 TPFYTD (Terminal Performance Stats YTD)

Alternate Key:

Telco ID
Perf Stats Year
Perf Stats Mnth
Archive Ind

Index (Not unique): TPFYTD0

By: TELCO ID,
PERF STATS YEAR,
PERF STATS MNTH,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	PERF STATS YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Indicates the year for which the performance statistics from the terminal were recorded.

Name:	PERF STATS MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null

Format:	MM
Description:	Indicates the month for which the performance statistics from the terminal were recorded.
Name:	CALL ATTEMPTS CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	Indicates the number of call attempts that were made at the terminal during the year and month as indicated in the PERF STATS YEAR and PERF STATS MNTH fields.
Name:	BUSY SIGNAL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls receiving a busy signal.
Name:	CALL CLEARED NO DATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls that are cleared before data is transferred.
Name:	NO CARRIER DETECT CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null

2-621 TPFYTD (Terminal Performance Stats YTD)

Description:	The number of data calls where carrier was not detected from Millennium Manager (or PSN) modem.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CO ACCESS TO DIAL CNT (1-7) Optional 7 Numeric (9,0) unsigned SYSTEM not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DIAL TO CARRIER CNT (1-7) Optional 7 Numeric (9,0) unsigned SYSTEM not null Number of calls attempted by the terminal to the carrier.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARRIER TO 1ST PACKET CNT (1-7) Optional 7 Numeric (9,0) unsigned SYSTEM not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	USER WAIT TO EXPECT INFO CNT (1-7) Optional 7 Numeric (9,0) unsigned SYSTEM not null
Name: Mand/Opt'l: Occurrences: Data type:	TOTAL DIALOGS FAILED Optional 1 Numeric (9,0) unsigned

<p>Default: SYSTEM not null Description: Total number of dialogs that failed in the terminal callin.</p>	
<p>Name: NO PACKET RCVD ERRORS Mand/Opt'l: Optional Occurrences: 1 Data type: Numeric (9,0) unsigned Default: SYSTEM not null Description: Number of packet errors received from the terminal.</p>	
<p>Name: NO PACKET RETRIES RCVD Mand/Opt'l: Optional Occurrences: 1 Data type: Numeric (9,0) unsigned Default: SYSTEM not null Description: Number of times the terminal tried to re-send a packet.</p>	
<p>Name: INACTIVITY COUNT Mand/Opt'l: Optional Occurrences: 1 Data type: Numeric (9,0) unsigned Default: SYSTEM not null Description: Number of timeouts due to no response.</p>	
<p>Name: RETRY LIMIT OUT OF SERVICE Mand/Opt'l: Optional Occurrences: 1 Data type: Numeric (9,0) unsigned Default: SYSTEM not null Description: Number of times out-of-service after reaching limit.</p>	

2-623 TPFYTD (Terminal Performance Stats YTD)

Name:	CARD AUTH TIMEOUTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	Number of times a Card Authorization request timed out.
Name:	RATE REQUEST TIMEOUTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	Number of times a Coin Rate request timed out.
Name:	NO DIAL TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls where No Dial Tone was detected.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ “
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null

Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TRESTRT (Transaction Log Restart)

Description:

This table is used to identify how many records in a transaction log file have been processed. MTIP uses it to skip that number of records before restarting the processing of that file, should MTIP fail before finishing the file the first time.

Estimated Volume:

Primary Key: TL Filename

Record length: 12

Fields:

Name:	TL FILENAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Format:	TLOGnnnn, where nnnn is a sequential number assigned by the Log Monitor process.

2-625 TSCRMTH (Screen Usage Month-to-Date)

Constraint:	Check TL Filename <> “ ”
Description:	
Name:	TL RECORD CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Description:	The number of records which were processed by MTIP (successfully or unsuccessfully), before an event occurred which caused MTIP to suspend processing.

TSCRMTH (Screen Usage Month-to-Date)

Description:

This table contains to month-to-date totals by terminal ID/screen number in the TSCRUSG table.

Estimated volume:

Primary Key:

Terminal ID
Screen Number
Screen Usage Year
Screen Usage Mnth
Region Code

Record length: 80

Index (Not unique): TSCRMTH1

By: TERMINAL ID,
SCREEN USAGE YEAR,
SCREEN USAGE MNTH,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC S9(10)
Default:	No default not null
Constraint:	Check Terminal ID <> 0
Description:	The terminal from which the statistics were collected.
Name:	SCREEN USAGE YEAR
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC 9(4)
Default:	No default not null
Constraint:	Check Screen Usage Year <> 0
Description:	As named.
Name:	SCREEN USAGE MNTH
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC 9(2)
Default:	No default not null
Constraint:	Check Screen Usage Mnth <> 0
Description:	As named.
Name:	SCREEN NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC 9(2)
Range	1-24
Default:	1 not null
Constraint:	Check Screen Number Between 1 and 24
Description:	The screen number to which these statistics refer.

2-627 TSCRMTH (Screen Usage Month-to-Date)

Name:	SCREEN CUSTOMER NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for this screen entry.
Name:	BUTTON 1 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button one of the screen.
Name:	BUTTON 1 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button one of the screen.
Name:	BUTTON 2 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button two of the screen.
Name:	BUTTON 2 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button two of the screen.

Name:	BUTTON 3 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button three of the screen.
Name:	BUTTON 3 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button three of the screen.
Name:	BUTTON 4 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button four of the screen.
Name:	BUTTON 4 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button four of the screen.
Name:	BUTTON 5 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button five of the screen.

2-629 TSCRMTH (Screen Usage Month-to-Date)

Name:	BUTTON 5 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button five of the screen.
Name:	BUTTON 6 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button six of the screen.
Name:	BUTTON 6 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button six of the screen.
Name:	DIRECTIONAL KEY PEG COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for screen navigation
Name:	TELCO ID
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ “
Description:	

Name:	REGION CODE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> " "
Description:	
Name:	ARCHIVE IND
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(1)
Default:	"0" not null
Constraint:	Check Archive Ind In ("0", "1")
Description:	As named

TSCRUSG (Screen Usage Statistics)

Description:

This table contains information on the peg counts of the usage of each screen and button used, as defined in the Graphic table.

Estimated volume:

Primary Key:

Terminal ID
Screen Number
Summary Period Start Datetime

Record length: 96

Index (Not unique): TSCRUSG1

By: TERMINAL ID,
SUMMARY PERIOD START DATETIME,
ARCHIVE IND

2-631 TSCRUSG (Screen Usage Statistics)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC S9(10)
Default:	No default not null
Constraint:	Check Terminal ID <> 0
Description:	Terminal ID from which these statistics were gathered.
Name:	RECEIVED DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	Datetime Year to Second
Default:	System not null
Description:	Date and time that the statistics record was read and processed by the Millennium Manager TIPL process.
Name:	SUMMARY PERIOD START DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	Datetime Year to Second
Default:	System not null
Description:	Start date and time of this statistics record.
Name:	SUMMARY PERIOD STOP DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	Datetime Year to Second
Default:	System not null
Description:	Stop date and time of this statistics record.

Name:	SCREEN NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC 9(2)
Default:	1 not null
Range:	1-8
Constraint:	Check Screen Number Between 1 and 24
Description:	
Name:	SCREEN CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for this screen entry.
Name:	BUTTON 1 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for button one of the screen.
Name:	BUTTON 1 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Peg count for button one of the screen.

2-633 TSCRUSG (Screen Usage Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 2 CUSTOMER NUMBER Optional Numeric (5,0) Not null 0-65,535 Customer number for button two of the screen.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 2 PEG COUNT Optional Numeric (5,0) Not null 0-65,535 Peg count for button two of the screen.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 3 CUSTOMER NUMBER Optional Numeric (5,0) Not null 0-65,535 Customer number for button three of the screen.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 3 PEG COUNT Optional Numeric (5,0) Not null 0-65,535 Peg count for button three of the screen.
Name: Mand/Opt'l: Occurrences: Data type:	BUTTON 4 CUSTOMER NUMBER Optional Numeric (5,0)

Default:	Not null
Range:	0-65,535
Description:	Customer number for button four of the screen.
Name:	BUTTON 4 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Peg count for button four of the screen.
Name:	BUTTON 5 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for button five of the screen.
Name:	BUTTON 5 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Peg count for button five of the screen.
Name:	BUTTON 6 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for button six of the screen.

2-635 TSCRUSG (Screen Usage Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 6 PEG COUNT Optional Numeric (5,0) Not null 0-65,535 Peg count for button six of the screen.
Name: Mand/Opt'l: Occurrences: Data Type Default: Range: Description:	DIRECTIONAL KEY PEG COUNT Numeric (5,0) Not null Peg count for screen navigation.
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	TELCO ID PIC X(2) No default not null Check Telco ID <> “ “
Name: Mand/Opt'l: Occurrences: Data type: Default: Constraint: Description:	REGION CODE PIC X(3) No default not null Check Region Code <> “ “
Name: Mand/Opt'l: Occurrences: Data Type:	ARCHIVE IND PIC X(1)

Default:	0 not null
Range:	
Constraint:	Check Archive Ind In ("0", "1")
Description:	As named.

TSTATUS (Terminal Status)

Description:

This table contains terminal status messages received from the terminals. This table adds a record only if it is different from the most recent entry for the same terminal.

Estimated Volume: 2 / Terminal

Primary Key:

Terminal ID
Received Dt (Descending)
Received Tm (Descending)

Record length: 80

Alternate Key 1:

Telco ID
Archive Ind
Received Dt
Received Tm

Alternate Key 2:

Telco ID
Terminal ID

Index (Not unique): TSTATUS0

By: TELCO ID,
ARCHIVE IND,
RECEIVED DT,
RECEIVED TM

2-637 TSTATUS (Terminal Status)

Index (Not unique): TSTATUS1

By: TELCO ID,
TERMINAL ID

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Description:	Retrieved from Terminal Status table.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Retrieved from Terminal Status table.

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Description:	Retrieved from Terminal Status table.

Name:	SERIAL NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (10,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Status table.

Name:	HANDSET DISCONT IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	TELEPHONY STATUS IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	EPM SAM NOT RESPONDING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	“0” No “1” Yes
Description:	
Name:	EPM SAM LOCKED OUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 3 when set, indicates that the EPM/SAM is locked out.
Name:	EPM SAM EXPIRED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)

2-639 TSTATUS (Terminal Status)

Default:	Not null
Values:	
Description:	Alarm code 4, when set, indicates that the EPM/SAM has expired.
Name:	EPM SAM REACHING TRANS LIMIT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 5, when set, indicates that the EPM/SAM has reached the transaction limit.
Name:	UNABLE REACH PRIM COL SYS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 6, when set, indicates that the terminal has been unable to connect to the primary collection system.
Name:	TELEPHONY STATUS BIT 7
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(1)
Data type:	0 not null
Description:	Bit 7 of the telephony status. For future use.
Name:	POWER FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null

Description:	Retrieved from Terminal Status table.
Name:	DISPLAY RESPONSE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	VOICE SYNTHESIS RESPONSE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	UNABLE REACH SECOND COL SYS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 11, when set, indicates that the terminal has been unable to connect to the secondary collection system.
Name:	CARD READER BLOCKED ALARM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 12, when set, indicates that the card reader is blocked.

2-641 TSTATUS (Terminal Status)

Name:	MANDATORY TABLE ALARM
Mand/Opt'l:	
Occurrences:	
Format:	PIC 9(1)
Default:	0 not null
Description:	Bit 5 of the Control Hardware Status byte.
Name:	CTRL HW STATUS BIT 6
Mand/Opt'l:	
Occurrences:	
Format:	PIC 9(1)
Default:	0 not null
Data type:	
Description:	Bit 6 of the Control Hardware Status byte. For future use.
Name:	CTRL HW STATUS BIT 7
Mand/Opt'l:	
Occurrences:	
Format:	PIC 9(1)
Data type:	
Default:	0
Description:	Bit 7 of the Control Hardware Status byte. For future use.
Name:	CDR CHECKSUM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	STATISTICS CHECKSUM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)

Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	TERMINAL TBL CHECKSUM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	OTHER DATA CHECKSUM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CDR LIST FULL ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	BAD EEPROM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	MEMORY LOST ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.

2-643 TSTATUS (Terminal Status)

Name:	MEMORY BAD ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	ACCESS COVER IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	KEY MATRIX MALFUNC IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	SET REMOVAL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.=
Name:	THRESHOLD MET EXCEEDED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.=

Name:	CASH BOX COVER OPEN IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CASH BOX REMOVED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	COIN BOX FULL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	COIN JAM COIN CHUTE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	ESCROW JAM IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.

2-645 TSTATUS (Terminal Status)

Name:	VAL HARDWARE FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CO LINE CHECK FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	DIALOG FAILURE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CASH BOX ELECTRONIC LOCK IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	DIALOG FAILURE WITH COL SYS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 37, when set, indicates a dialog failure between the terminal and the collection system.

Name:	CODE SERVER CONNECTION FAILURE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Alarm code 38. This alarm is generated by terminals supporting code download. It indicates whether a failure occurred while trying to connect to the code server for a firmware upgrade. This alarm is generated when the alarm threshold in the Code Download table is met.
Name:	CODE SERVER ABORTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	No default not null
Description:	Alarm code 39. Alarm generated by the MIT terminal type to indicate that the PC is not responding.
Name:	TELCO ID
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Retrieved from Terminal Status table.

2-647 TSWVERS (Terminal Software Version)

Name:	ARCHIVE IND
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(1)
Default:	0 not null
Constraint:	Check Archive Ind In ("0", "1")
Description:	

TSWVERS (Terminal Software Version)

Description:

This table contains the terminal software version messages received from the terminals. This table adds a new record only if it is different from the most recent entry for the same terminal.

Estimated Volume: 1 / Terminal

Primary Key:

Terminal ID
Effective Dt (Descending)
Effective Tm (Descending)

Record length: 62

Alternate Key:

Telco ID
Effective Dt
Effective Tm
Archive Ind

Index (Not unique): TSWVERS0

By: TELCO ID,
EFFECTIVE DT,
EFFECTIVE TM,
ARCHIVE IND

Fields:

Name: TERMINAL ID
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC S9(10)
Default: No default not null
Format: NPA-NXX-LINE
Range: 1000000000 - 9999999999
Description: This is the telephone number of the terminal.

Name: EFFECTIVE DT
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: YYYYMMDD
Description: Date on which the Terminal Software Version record was received by the Millennium Manager, in the Millennium Manager local time.

Name: EFFECTIVE TM
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: HHMMSSCC
Range: 00000000 - 23595999
Description: Time at which the Terminal Software Version record was received by the Millennium Manager, in the Millennium Manager local time.

Name: CONTROL ROM EDITION
Mand/Opt'l: Optional
Occurrences: 1
Data type: PIC X(7)
Default: Not null

2-649 TSWVERS (Terminal Software Version)

Description:	
Name:	CONTROL VERSION NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(4)
Default:	Not null
Description:	
Name:	TELEPHONY ROM EDITION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(7)
Default:	Not null
Description:	
Name:	TELEPHONY VERSION NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(4)
Default:	Not null
Description:	
Name:	FEATURE TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Software Version table.
Name:	TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Comments:	Should Correspond to the Terminal Type which is on the Terminal Control table.

Description:	Numeric value assigned to terminals to distinguish them from other versions of terminals.
Name:	VALIDATOR SOFTWARE VERS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Description:	
Name:	VALIDATOR HARDWARE VERS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Description:	
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraints:	Check Telco Id <> “ “
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ “
Description:	Identifies the Region for this record
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)

2-651 TTBLREQ (Terminal Table Request)

Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TTBLREQ (Terminal Table Request)

Description:

This table contains a record of each request by a terminal that its tables be downloaded.

Estimated Volume: 1 / Terminal / Month

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 34

Alternate Key:

Telco ID
Received Dt
Received Tm
Archive Ind

Index (Not unique): TTBLREQ0

By: TELCO ID,
RECEIVED DT,
RECEIVED TM,
ARCHIVE IND

Fields:

Name: TERMINAL ID
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC S9(10)
Default: No default not null
Format: NPA-NXX-LINE
Range: 1000000000 - 9999999999
Description: This is the telephone number of the terminal.

Name: RECEIVED DT
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: YYYYMMDD
Description: Date on which the Table Download Request was received by the Millennium Manager, in the Millennium Manager local time.

Name: RECEIVED TM
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: HHMMSSCC
Range: 00000000 - 23595999
Comments: Must have a valid Time format.
Description: Time at which the Table Download Request was received by the Millennium Manager, in the Millennium Manager's local time.

Name: ATTENTION REASON INFO
Mand/Opt'l: Optional
Occurrences: 1
Data type: Numeric (3,0) unsigned

2-653 TTBLREQ (Terminal Table Request)

Default:	Not null
Values:	01H Menu Item - Craft I/F Table Download 02H Install via Craft I/F 04H Lost Memory 08H Power Lost on Download 80H Cash Box Status Requested
Comments:	This is a bit field, with each bit position representing one of the above conditions. More than one bit can be set simultaneously.
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TTMSYNC (Terminal Time Synchronization)

Description:

This table contains a record of each request for a time synchronization that the Millennium Manager received from a terminal.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 32

Alternate Key:

Telco ID
Received Dt
Received Tm
Archive Ind

Index (Not unique): TTMSYNC0

By: TELCO ID,
RECEIVED DT,
RECEIVED TM,
ARCHIVE IND

2-655 TTMSYNC (Terminal Time Synchronization)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date when the Time Synchronization message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time when the Time Synchronization message was received by the Millennium Manager, in the Millennium Manager local time.

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region under which this record was created.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

TUPLOAD (Terminal Upload Attention)

Description:

This table contains a record of each attention message received from a terminal, indicating that it will be uploading data to the Millennium Manager. This may occur when the terminal is being taken out of service for any reason and must dump its data to the Millennium Manager.

2-657 TUPLOAD (Terminal Upload Attention)

Estimated Volume: 1 / Terminal / Month

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 34

Alternate Key:

Telco ID
Received Dt
Received Tm
Archive Ind

Index (Not unique): TUPLOAD0

By: TELCO ID,
RECEIVED DT,
RECEIVED TM,
ARCHIVE IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Upload Attention message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time when the Upload Attention message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	ATTENTION REASON INFO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	Not null
Values:	01H Menu Item - Craft I/F Table Download 02H Install via Craft I/F 04H Lost Memory 08H Power Lost on Download
Description:	

2-659 USER (User)

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Constraint:	Check Region Code <> “ ”
Description:	Identifies the Region for this record.
Name:	ARCHIVE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Constraint:	Check Archive Ind In (“0”, “1”)
Description:	Indicates whether this record has been archived.

USER (User)

Description:

This table contains the users who may use the interactive subsystem on the Millennium Manager. Each user is associated with one telco, and from one to ten regions in that telco.

Estimated volume: 16 / Telco

Primary Key:	User ID
Record length:	116
Fields:	
Name:	USER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	X(8)
Constraint:	Check User ID <> “ “
Description:	
Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table. With Region Code, must exist on Region table. With Printer, must exist on Printer table.
Constraint:	Check Telco ID <> “ “
Description:	The Telco to which the User ID is assigned.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	With Telco ID, must exist on Region table.
Constraint:	Check Region Code <> “ “
Description:	Default Region for the user

2-661 USER (User)

Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Comments:	Must exist on Language table.
Constraint:	Check Language CD Between 1 and 9
Description:	
Name:	PRINTER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(7)
Default:	No default not null
Comments:	With Telco ID, must exist on Printer table.
Constraint:	Check Printer ID <> “ ”
Description:	
Name:	USER ACTIVITY STATUS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	“0” Active “1” Suspended by System Manager
	“2” Suspended by System
Constraint:	Check User Activity Status In (“0”, “1”, “2”)
Description:	A user will be unable to log on to the Millennium Manager when suspended.

Name:	SUSPENDED DATE
Mand/Opt'l:	Mandatory, when User Activity Status is suspended
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the User was suspended from the system, in Millennium Manager local time.
Name:	SUSPENDED TIME
Mand/Opt'l:	Mandatory, when User Activity Status is suspended
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the User was suspended from the system, in Millennium Manager local time.
Name:	CURR LOGGED ON IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Constraint:	Check Curr Logged On Ind In ("0", "1")
Description:	Indicates whether the user is currently logged on to the Millennium Manager.

2-663 USER (User)

Name:	LAST LOGON DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the User last logged on successfully to the Millennium Manager, in Millennium Manager local time.
Name:	LAST LOGON TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Format:	HHMMSS
Default:	SYSTEM not null
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Constraint:	Check Last Logon Time <= 235959
Description:	Time at which the User last logged on successfully to the Millennium Manager, in Millennium Manager local time.
Name:	UNSUCC LOGON ATTEMPTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	Number of unsuccessful logon attempts made since the last successful logon.

Name:	LAST UNSUCC LOGON DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the last unsuccessful logon attempt was made since the last successful logon, in Millennium Manager local time.
Name:	UNSUCC LOGON ATTEMPTS ON DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	This is a count of the number of unsuccessful logon attempts made, on the date on which the last unsuccessful logon attempt was made.
Name:	UNSUCC LOGON ATTEMPTS ON DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	This is a count of the number of unsuccessful logon attempts made, on the date on which the last unsuccessful logon attempt was made.
Name:	PASSWORD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Constraint:	Check Password <> “ ”
Description	

2-665 USER (User)

Name: Mand/Opt'l: Occurrences: Data type: Default: Comments: Description:	PREVIOUS PASSWORD Optional 1 PIC X(8) Not null Must be different from the Current Password.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Constraint: Description:	PASSWORD ASSIGN DATE Mandatory 1 PIC 9(8) No default not null YYYYMMDD Check Password Assign Date <> 0 Date on which the current password was assigned, in Millennium Manager local time.
Name: Mand/Opt'l: Occurrences: Picture: Default: Format: Constraint: Description:	PASSWORD EXPIRY DATE Mandatory 1 PIC 9(8) No default not null YYYYMMDD Check Password Expiry Date <> 0 Date, in Millennium Manager local time, on which the current password will expire and must be changed. Calculated using Assignment Date (above) and Password Time Limit (from Telco).
Name: Mand/Opt'l: Occurrences: Picture: Default Description:	HANDLE Optional 1 PIC X(16) SYSTEM not null

Name:	INACTIVE LIMIT
Mand/Opt'l:	Optional
Occurrences:	1
Picture:	Numeric(4.0) unsigned
Default	15 not null
Description:	

USERACC (User Access)

Description:

This table contains user account and logon information for a Tandem session as well as the level of access a user has to the MIS hierarchy.

Primary Key: User ID

Record length: 196

Fields:

Name:	USER ID
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check User ID <> “ “
Description:	

Name:	DESCRIPTION
Mand/Opt'l:	Optional
Data type:	PIC X(80)
Default:	No default not null
Description:	Space reserved for comments.

2-667 USERACC (User Access)

Name:	HOME LEVEL
Mand/Opt'l:	Optional
Data type:	Smallint
Default:	No default not null
Description:	Home level (prison telco, prison region or prison)
Name:	HOME TELCO
Mand/Opt'l:	Optional
Data type:	PIC X(6)
Default:	No default not null
Description:	Telco of origin of the user.
Name:	HOME REGION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Description:	Region of origin of the user.
Name:	HOME PRISON
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Prison of origin of the user.
Name:	TANDEM USER ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Description:	User ID on the Tandem.
Name:	TANDEM PASSWORD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)

Default:	No default not null
Description:	Password used to access Tandem.
Name:	USER CLASS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Description:	Used to specify what level of access the user has in the MIS hierarchy.
Name:	ACCESS CONFIG ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Description:	
Name:	LAST UPDATED BY
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	No default not null
Comments:	Not equal spaces.
Constraint:	Check Last Updated By <> " "
Description:	Individual that last updated record.
Name:	UPDATED TIMESTAMP
Mand/Opt'l:	Optional
Data type:	TIMESTAMP
Format:	YYYY-MM-DD:HH:MM:SS:SSSSS
Default:	SYSTEM not null
Description:	Timestamp indicating when the record was last updated.

USERPRM (User Interface Parameters)

Description:

This table contains the configurations of user interface parameters which may be associated with any number of terminals in a telco. The configurations may be downloaded to all terminal types.

Estimated Volume: 10**Primary Key:**

Telco ID
Configuration ID

Record length: 142**Fields:**

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.

Name:	CONFIGURATION ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Constraint:	Check Configuration ID <> “ ”
Description:	

Name:	DIGIT CLEAR DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	450 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Digit Clear Delay Between 0 and 32767
Description:	
Name:	TRANSIENT DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	450 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Transient Delay Between 0 and 32767
Description:	
Name:	TRANSIENT HINT TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	450 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Transient Hint Time Between 0 and 32767
Description:	
Name:	VISUAL TO VOICE DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	450 not null
Units:	Time in 10 msec increments

2-671 USERPRM (User Interface Parameters)

Range:	0 - 32767
Constraint:	Check Visual To Voice Delay Between 0 and 32767
Description:	
Name:	VOICE REPETITION DELAY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	450 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Voice Repetition Delay Between 0 and 32767
Description:	
Name:	NO ACTION TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	3000 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check No Action Timeout Between 0 and 32767
Description:	
Name:	CARD VALIDATION TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	3000 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Card Validation Timeout Between 0 and 32767
Description:	

Name:	DJ SECOND STRING DTMF TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	300 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check DJ Second String DTMF Timeout Between 0 and 32767
Description:	
Name:	SPARE TIMER B
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Range:	0 - 32767
Constraint:	Check Spare Timer B Between 0 and 32767
Description:	
Name:	CP INPUT TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	100 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check CP Input Timeout Between 0 and 32767
Description:	
Name:	LANGUAGE TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	1000 not null
Units:	Time in 10 msec increments

2-673 USERPRM (User Interface Parameters)

Range:	0 - 32767
Constraint:	Check Language Timeout Between 0 and 32767
Description:	
Name:	CFS TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	200 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check CFS Timeout Between 0 and 32767
Description:	
Name:	CALLED PARTY DISCONNECT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	1200 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Called Party Disconnect Between 0 and 32767
Description:	
Name:	NO VOICE PROMPT REPS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	3 not null
Range:	0 - 255
Constraint:	Check No Voice Prompt Reps Between 0 and 255
Description:	

Name:	ACCS DIGIT TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	450 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check ACCS Digit Timeout Between 0 and 32767
Description:	
Name:	COLLECT CALL TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	400 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Collect Call Timeout Between 0 and 32767
Description:	
Name:	BONG TONE TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	1600 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Bong Tone Timeout Between 0 and 32767
Description:	
Name:	ACCS NO ACTION TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	450 not null
Units:	Time in 10 msec increments

2-675 USERPRM (User Interface Parameters)

Range:	0 - 32767
Constraint:	Check ACCS Action Timeout Between 0 and 32767
Description:	
Name:	CARD AUTH REQUIRED TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	6000 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Card Auth Required Timeout Between 0 and 32767
Description:	
Name:	RATE REQUEST TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	6000 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Rate Request Timeout Between 0 and 32767
Description:	
Name:	MANUAL DIAL HOLD TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	50 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Manual Dial Hold Time Between 0 and 32767

Description:	
Name:	AUTODIALER NUM HOLD TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	300 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Autodialer Num Hold Time Between 0 and 32767
Description:	
Name:	COIN FIRST WARNING TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	30 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Coin First Warning Time Between 0 and 32767
Description:	
Name:	COIN SECOND WARNING TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	5 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Coin Second Warning Time Between 0 and 32767
Description:	

2-677 USERPRM (User Interface Parameters)

Name:	ALTERNATE BONG TONE TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	1000 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Alternate Bong Tone Timeout Between 0 and 32767
Description:	
Name:	DELAY AFTER BONG TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	200 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Delay After Bong Tone Between 0 and 32767
Description:	
Name:	ALTERNAT DELAY AFTER BONG TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	150 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Constraint:	Check Alternat Delay After Bong Tone Between 0 and 32767
Description:	

Name:	DISPLAY SCROLL SPEED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Units:	Time in 10 msec increments
Default:	10 not null
Range:	0 - 32767
Constraint:	Check Display Scroll Speed Between 0 and 32767
Description:	
Name:	SPARE TIMER C
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Units:	Time in 10 msec increments
Range:	0 - 32767
Comments:	This field is used for Feature Group B Access Timeout. Name should be updated.
Constraint:	Check Spare Timer C Between 0 and 32767
Description:	
Name:	AOS BONG TONE TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	600 not null
Range:	0 to 32767
Constraint:	Check AOS Bong Tone Timeout Between 0 and 32767
Description:	
Name:	FGB AOS SECOND SPILL TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned

2-679 USERPRM (User Interface Parameters)

Default:	200 not null
Range:	0 to 32767
Constraint:	Check FGB AOS Second Spill Timeout Between 0 and 32767
Description:	
Name:	DATAJACK CONNECT TIMEOUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	15000 not null
Range:	0 to 32767
Constraint:	Check Datajack Connect Timeout Between 0 and 32767
Description:	.
Name:	DATAJACK PAUSE THRESHOLD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	45 not null
Range:	0 to 32767
Constraint:	Check Datajack Pause Threshold Between 0 and 32767
Description:	
Name:	DATAJACK IAS TIMER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	10 not null
Range:	0 to 32767
Constraint:	Check Datajack IAS Timer Between 0 and 32767
Description:	

USERREG (User Region)

Description:

This table contains the list of regions to which the user has access, including his default region.

Estimated volume: 2 / User (max. 10 / User)

Primary Key:

User ID
Telco ID
Region Code

Record length: 13

Fields:

Name:	USER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Comments:	Must exist on User table.
Constraint:	Check User ID <> “ ”
Description:	Unique identifier identifying a user of the Millennium Manager application screens.

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	With Region Code, must exist on Region table.
Constraint:	Check Telco ID <> “ ”
Description:	The Telco to which the user is assigned.

2-681 USERSEC (User Security)

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	With Telco ID, must exist on Region table.
Constraint:	Check Region Code <> “ ”
Description:	Region code to which the user has access.

USERSEC (User Security)

Description:

This table identifies the screens, and function keys on each screen, that a user is permitted to access. The menus displayed for a user include only the screens which are associated with that user in this table.

Estimated volume: 100 / User

Primary Key:

User ID
Screen ID

Record length: 51

Fields:

Name:	USER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Comments:	Must exist on User table.
Constraint:	Check User ID <> “ ”
Description:	Unique identifier identifying a user of the Millennium Manager application screens.

Name:	SCREEN ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Comments:	Must exist on Screen table.
Constraint:	Check Screen ID <> “ “
Description:	Unique identifier for an Millennium Manager application screen (e.g. TBUF3125).
Name:	FUNC KEY ACCESS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(16)
Default:	Not null
Values:	blank Access Denied 1 Access Granted
Description:	Indicates whether the user has been given access to an unshifted function key (F1-F16).
Name:	FUNC KEY ACCESS SHIFT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(16)
Default:	Not null
Values:	blank Access Denied 1 Access Granted
Description:	Indicates whether the user has been given access to a shifted function key (SF1-SF16).
Name:	ACCESS LEVEL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Smallint
Default:	SYSTEM not null

2-683 VERCNTL (Firmware Version Control Table)

Description:	Identifies the access rights (Read, Write, Modify, Delete) a user has to a Telco Maximizer screen.
Name:	SCREEN TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	"N" not null
Values:	"N" Traditional Millennium Manager "T" Telco Maximizer "I" Inmate Maximizer
Constraint:	Check Screen Type In ("N", "T", "I")
Description:	Identifies to which application the screen belongs.

VERCNTL (Firmware Version Control Table)

Description:

This table tracks the required sections and valid upgrades from older to newer versions of the firmware.

Estimated volume:

Primary Key:

Current Version
Current DLA
Request Version
Request DLA

Record length: 94

Fields:	
Name:	CURRENT VERSION
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(7)
Default:	No default not null
Description:	Version of the firmware currently in the terminal.
Name:	CURRENT DLA
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(4)
Default:	No default not null
Description:	Version of the DLA that is currently in the terminal.
Name:	REQUEST VERSION
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(7)
Default:	No default not null
Description:	Firmware version requested by the terminal.
Name:	REQUEST DLA
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(4)
Default:	No default not null
Description:	Version of the DLA requested by the terminal.
Name:	DOWNLOAD BLOCKS
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(64)
Default:	0 not null
Description:	Download blocks required for the given current and requested firmware version and DLA.

2-685 VISUAL (Visual Prompt)

Name:	DURATION ONE DWNLD 1200
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	1
Description:	Number of minutes required for a download using a 1,200-baud modem.
Name:	DURATION ONE DWNLD 2400
Mand/Opt'l:	
Occurrences:	
Data type:	Smallint
Default:	
Description:	Number of minutes required for a download using a 2,400-baud modem.

VISUAL (Visual Prompt)

Description:

This table may be downloaded to any terminal type. It contains the messages displayed at the terminal to prompt the terminal user. The terminal displays the messages in its default language unless the user selects an alternate language with the language button. If the user takes no action, or if the terminal goes on-hook, the terminal reverts to the default language.

Estimated Volume: 4,200 / Language

Primary Key:

Telco ID
Message ID
Language Cd
NCC Terminal Type

Record length: 30

Alternate Key:

Telco ID
 NCC Terminal Type
 Language Cd

Index (Not unique): VISUAL0

By: TELCO ID,
 NCC TERMINAL TYPE,
 LANGUAGE CD

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on the Telco table.
Constraint:	Check Telco ID <> “ ”
Description:	Identifies the Telco for this record.

Name:	MESSAGE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Range:	1 - 400
Comments:	Only 100 visual prompts may be downloaded to Card terminals. All 400 prompts may be downloaded to Multi-pay and Coin terminals.
Constraint:	Check Message ID Between 1 and 400
Description:	

Name:	LANGUAGE CD
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned

2-687 VISUAL (Visual Prompt)

Default:	No default not null
Comments:	Must exist on Language table.
Constraint:	Check Language CD Between 1 and 9
Description:	
Name:	NCC TERMINAL TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Comments:	Must exist on Terminal type table.
Constraint:	Check NCC Terminal Type > 0
Description:	
Name:	MESSAGE TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	Not null
Description:	

VLDVAL (Valid Values)

Description:

This table contains the default and valid values for a given element. Each record can contain either ranges or discrete values, but not both. An element can, however, have both range and discrete value records.

Estimated volume: 200

Primary Key:

Telco ID
Element Name
Sequence No

Record length: 96

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Comments:	Must exist on Telco table.
Description:	A value is only entered for Telcos which will have a default which is different from the System default. The Telco for the System Default is blank.

Name:	ELEMENT NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(30)
Default:	No default not null
Constraint:	Check Element Name <> “ ”
Description:	The element name used in the programs.

2-689 VLDVAL (Valid Values)

Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Constraint:	Check Sequence No > 0
Description:	Indicates the sequencing of records, if multiple records are used to support the validation rules of the element.
Name:	DATA TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Values:	1 Numeric 2 Alphanumeric - left justified 3 Alphanumeric - no justification
Constraint:	Check Data Type Between 1 and 3
Description:	
Name:	VALIDATION TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Values:	0 No validation 1 Check Range 2 Check Discrete Values
Constraint:	Check Validation Type Between 0 and 2
Description:	
Name:	MESSAGE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned

Default:	No default not null
Comments:	Must exist on System Message table.
Constraint:	Check Message ID > 0
Description:	Used to build messages for display on the screen.
Name:	VALUE LEN
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (2,0) unsigned
Default:	No default not null
Range:	1 - 10
Constraint:	Check Value Len Between 1 and 10
Description:	Maximum length of the value expected as input.
Name:	NUM VALUES
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (1,0) unsigned
Default:	No default not null
Range:	0 - 5
Constraint:	Check Num Values Between 0 and 5
Description:	Number of values used in the current record.
Name:	DEFAULT VALUE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	Not null
Description:	Default value of the element. On records other than the first in a sequence, this will contain the first of up to five discrete values for the record.
Name:	DISCR 1 RANGE LOWER 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)

2-691 VLDVAL (Valid Values)

Default:	Not null
Description:	If Validation Type = Range, this contains the lower boundary of the first range on the record. If Validation Type = Discrete, - on the first record in a sequence, this contains the first valid discrete value on the record - on records other than the first, this contains the second valid discrete value on the record
Name:	DISCR 2 RANGE UPPER 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	Not null
Description:	If Validation Type = Range, this contains the upper boundary of the first range on the record. If Validation Type = Discrete - on the first record in a sequence, this contains the second discrete value on the record - on records other than the first, this contains the third valid discrete value on the record
Name:	DISCR 3 RANGE LOWER 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	Not null
Description:	If Validation Type = Range, this contains the lower boundary of the second range on the record. If Validation Type = Discrete - on the first record in a sequence, this contains the third valid discrete value on the - on records other than the first, this contains the fourth valid value on the record

Name:	DISCR 4 RANGE UPPER 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	Not null
Description:	If Validation Type = Range, this contains the upper boundary of the second range on the record. If Validation Type = Discrete, - on the first record in a sequence, this contains the fourth valid discrete value on the records- on records other than the first, this contains the fifth valid discrete value on the record.

2-693 VLDVAL (Valid Values)

3 Archive database

This section lists the archive database tables, in alphabetical order by acronym – ARC_CALLCST instead of Archive Call Costs, for example.

The description of each table identifies its fields, primary keys, and estimated number of records.

The field descriptions also list any dependencies which exist; that is, if a field in one table must exist on another, the description of that field will mention this fact.

ARC_DSCHED **(Archive Download Schedule History)**

Description:

This table contains a history of the tables which were downloaded to the terminals. Only the information which has been acknowledged by the terminal will be archived. Pending download information will not be archived.

Estimated Volume: 15 / Terminal / Download

Primary Key:

Terminal ID
Table ID
Version Timestamp

Record length: 54

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Range:	1000000000 - 9999999999 (10 digits)
Description:	Retrieved from Download Schedule History table.

Name:	TABLE ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Values:	Refer to Table ID in table TERMSCH
Description:	Retrieved from Download Schedule History table.

Name:	VERSION TIMESTAMP
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (18,0) unsigned
Default:	No default not null
Format:	64-bit Julian timestamp
Description:	Retrieved from Download Schedule History table.
Name:	VERSION DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Retrieved from Download Schedule History table.
Name:	VERSION TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Description:	Retrieved from Download Schedule History table.
Name:	ACKNOWLEDGE DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Retrieved from Download Schedule History table.
Name:	ACKNOWLEDGE TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)

3-4 ARC_DSCHED (Archive Download Schedule History)

Default:	Not null
Format:	HHMMSS
Description:	Retrieved from Download Schedule History table.
Name:	TELCO ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Description:	Retrieved from Download Schedule History table.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Retrieved from Download Schedule History table.

ARC_HOTACT

(Archive Hotlist Activity Log)

Description:

This is a record of the activity which has taken place to alter the Hotlist. It may be used to determine if and when a specific card number existed on the Hotlist table.

This table contains a record of the activity which has taken place to alter the Hotlist.

Estimated volume: 1,000 / day for 30 days

Primary key:

Card Number

Activity Date

Activity Time

Record length: 95

Alternate Key:

Card Number

Activity Date

Activity Time

Fields:

Name: CARD NUMBER

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC X(20)

Default: No default not null

Description: Indicates Card Number which was added to or deleted from the Hotlist table.

3-6 ARC_HOTACT (Archive Hotlist Activity Log)

Name:	ACTIVITY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the addition/deletion was logged to this table, in Millennium Manager local time.
Name:	ACTIVITY TIME
MAND/OPT'L:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the addition/deletion was logged to this table, in Millennium Manager local time.
Name:	CARD TYPE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Description:	Retrieved from Hotlist table.
Name:	USER ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(8)
Default:	No default not null
Description:	User who created current record.

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Default Region for this record.
Name:	ENTRY DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Retrieved from Hotlist table.
Name:	HOTLIST SOURCE CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(4)
Default:	No default not null
Description:	Retrieved from Hotlist table.
Name:	COMMENT TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(30)
Default:	Not null
Description:	Retrieved from Hotlist table.

3-8 ARC_HOTACT (Archive Hotlist Activity Log)

Name:	ACTION
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"1" Add "2" Delete "3" Modify
Description:	Used to indicate the action taken against a specific Hotlist record.
Name:	HOT WHITE IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Hotlist "1" Whitelist
Description:	Indicates whether the card number is Hotlisted or Whitelisted.

ARC_TALARM (Archive Terminal Alarm)

Description:

This table contains alarms received from the terminal and the date and time that the terminal generated them. Note that the alarm may have been stored by the terminal until it was able to contact the Millennium Manager, and therefore the date and time the terminal generated the alarm is not necessarily the date and time it was received.

Estimated Volume: 25 / Terminal / Year

Primary Key:

Terminal ID
Received Dt
Received Tm
Alarm ID

Record length: 50

Alternate Key:

Telco ID
Received Dt
Received Tm
Archive Ind

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

3-10 ARC_TALARM (Archive Terminal Alarm)

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the alarm was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the alarm was received by the Millennium Manager, in the Millennium Manager local time.
Name:	ALARM ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Description:	Unique identifier assigned to an alarm.
Name:	START DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD

Description:	Date on which the alarm was generated by the terminal, in the terminal local time.
Name:	START TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the alarm was generated by the terminal, in the terminal local time.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.

3-12 ARC_TALYTD (Archive Terminal Alarm YTD)

ARC_TALYTD (Archive Terminal Alarm YTD)

Description:

This table keeps a current count of the types and number of alarms generated by the terminal. The count is represented on a yearly basis.

Estimated Volume: 120 / Terminal / Year

Primary Key:

Terminal ID
Alarm Year
Alarm ID
Region Code

Record length: 30

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Description:	Retrieved from Terminal Alarm YTD table.

Name:	ALARM YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Retrieved from Terminal Alarm YTD table.

Name:	ALARM ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	No default not null
Description:	Retrieved from Terminal Alarm YTD table.
Name:	ALARM CNT (1-12)
Mand/Opt'l:	Optional
Occurrences:	12
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Alarm YTD table.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Retrieved from Terminal Alarm YTD table.

ARC_TAUTH (Archive Terminal Card Authorization)

Description:

This table contains the Card Authorization details returned by the terminal.

The use of credit cards and calling cards at the terminal causes it to send an authorization request to the Millennium Manager. When it receives and processes the request, the Millennium Manager writes a combination authorization request and response record to the Transaction Log File. Follow-on calls do not generate a second authorization request.

Card authorization records and call detail records are linked through the sequence number generated by each terminal. Sequence numbers are unique for each terminal for each day: Unique Key = Terminal ID + Sequence No. + Date

An authorization record may be associated with one, multiple (follow-on) or no call detail records (incomplete call).

Estimated Volume: 40 / Terminal / Day

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 194

Alternate Key: Card Number

Index ARC_TAUTH0
CARD NUMBER

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(86)
Default:	No default not null
Format:	YYYYMMDD
Description:	Retrieved from Terminal Card Authorization table.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Description:	Retrieved from Terminal Card Authorization table.
Name:	INTERNATIONAL CALL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	CALLED TELEPHONE NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	Not null

3-16 ARC_TAUTH (Archive Terminal Card Authorization)

Description:	Retrieved from Terminal Card Authorization table. This field contains the called number for non-summary records. Starting with MTR 1.9 terminals, this field contains a peg count of MDS calls for summary local smart card calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARRIER XREF NUMBER Optional 1 Numeric (3,0) unsigned Not null Retrieved from Terminal Card Authorization table.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARD NUMBER Optional 1 PIC X(20) Not null Retrieved from Terminal Card Authorization table.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SERVICE CODE Optional 1 Numeric (5,0) unsigned Not null Retrieved from Terminal Card Authorization table.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	CARD EXPIRY DATE Optional 1 PIC 9(6) Not null YYYYMM Retrieved from Terminal Card Authorization table.

Name:	INITIAL DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	DISCRETIONARY
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	SPARE FORMATTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	CARD DATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	PIN
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(5)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.

3-18 ARC_TAUTH (Archive Terminal Card Authorization)

Name:	CALL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	CARD REF NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	No default not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	SEQUENCE NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	AUTHORIZATION NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	EXTERNAL EXCEPTION IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.

Name:	EXTERNAL VALDTN DEST IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	EXTERNAL RESPONSE CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	EXTERNAL AUTHORIZATION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	CALL DISPOSITION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	Not null
Range:	0-255 0, 128-255 = accept 1-127 = reject
Description:	Retrieved from Terminal Card Authorization table. This is the result of the card authorization request.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)

3-20 ARC_TAUTH (Archive Terminal Card Authorization)

Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(10)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	FOLLOW ON IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	TELCO PIN IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	MANUALLY DIALED CARD NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Retrieved from Terminal Card Authorization table.

Name:	SPARE FLAG 3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	SPARE FLAG 4
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	SPARE FLAG 5
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	Retrieved from Terminal Card Authorization table.
Name:	PAYMENT TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Values:	Refer to Payment Type in table TCDR
Description:	Retrieved from Terminal Card Authorization table.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Retrieved from Terminal Card Authorization table.

ARC_TCALLST

(Archive Terminal Call Statistics)

Description:

This table contains the Summary Call Statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls.

The types of calls (i.e., 0-, 0+, 1+, etc.) refer to what the terminal dialed, not the user. This means that if the user dials a 0+ call and the terminal dials it out as a 1+ call, the statistic for 1+ calls (toll) is incremented.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID

Summary Period Start Dt

Summary Period Start Tm

Record length: 180

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)

<p>Default:</p> <p>Format:</p> <p>Description:</p>	No default not null YYYYMMDD Date on which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
<p>Name:</p> <p>Mand/Opt'l:</p> <p>Occurrences:</p> <p>Data type:</p> <p>Default:</p> <p>Format:</p> <p>Range:</p> <p>Comments:</p> <p>Description:</p>	RECEIVED TM Mandatory 1 PIC 9(8) No default not null HHMMSSCC 00000000 - 23595999 Must have a valid Time format. Time at which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
<p>Name:</p> <p>Mand/Opt'l:</p> <p>Occurrences:</p> <p>Data type:</p> <p>Default:</p> <p>Format:</p> <p>Description:</p>	SUMMARY PERIOD START DT Mandatory 1 PIC 9(8) SYSTEM not null YYYYMMDD Date on which the terminal began recording Call Statistics, in the terminal local time.
<p>Name:</p> <p>Mand/Opt'l:</p> <p>Occurrences:</p> <p>Data type:</p> <p>Default:</p> <p>Format:</p> <p>Range:</p> <p>Comments:</p>	SUMMARY PERIOD START TM Mandatory 1 PIC 9(6) SYSTEM not null HHMMSS 000000 - 235959 Must have a valid Time format.

3-24 ARC_TCALLST (Archive Terminal Call Statistics)

Description:	Time at which the terminal began recording Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default Format: Description:	SUMMARY PERIOD STOP DT Optional 1 PIC 9(8) SYSTEM not null YYYYMMDD Date on which the terminal finished recording Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences Data type: Default Format: Range: Comments: Description:	SUMMARY PERIOD STOP TM Optional 1 PIC 9(6) SYSTEM not null HHMMSS 000000 - 235959 Must have a valid Time format. Time at which the terminal finished recording Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOTAL CARD CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of card calls (including follow-on calls).
Name: Mand/Opt'l: Occurrences: Data type: Default:	FREE CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null

Description:	The number of free calls. Note that 0- and 0+ calls are not considered as free calls.
Name:	INCOMING CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of answered incoming calls.
Name:	UNANSWERED CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of calls for which dialing was finished but which were not established. For supervised calls, no answer supervision received. Statistics do not exist for unsupervised calls (call is immediately established after dialing).
Name:	ABANDONED CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of calls after the user goes off-hook (or the next call button is used) but the terminal does not have a chance to finish dialing the number.
Name:	LOCAL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null

3-26 ARC_TCALLST (Archive Terminal Call Statistics)

Description:	The number of local card calls completed for numbers of 7 digits or less, and for all numbers identified as local calls based on the NXX tables.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOLL CARD CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of Intra-lata (including 011+) card calls completed (as dialed by the terminal, not the user).
Name: Mand/Opt'l: Occurrences: Data Type: Default: Description:	OPERATOR CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of 0- calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ZERO PLUS CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null The number of 0+ and 01+ calls (as dialed by the terminal, not the user).
Name: Mand/Opt'l: Occurrences: Data Type: Default:	FOLLOW ON CALL CNT Optional 1 Numeric (5,0) unsigned SYSTEM not null

Description:	The number of calls started using the next call button. Statistics are recorded when the next call button is pushed and the terminal is ready to do a next call. The call does not have to be complete.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	REP DIALER PEG CNT (1-10) Optional 10 Numeric (5,0) unsigned SYSTEM not null The number of call attempts for each of the Rep Dialer buttons. Each peg count corresponds to a Rep Dialer Button on the terminal. Note that the peg count is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user.
Name: Mand/Opt'l: Occurrences: Data type: Format: Default: Description:	TOTAL CALL DURATION Optional 1 Numeric (8,0) unsigned DDHMMSS SYSTEM not null The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or: b) from finished dialing (when answer supervision not available) to on-hook.
Name: Mand/Opt'l: Occurrences: Data type: Format: Default:	TOTAL TIME OFF HOOK Optional 1 Numeric (8,0) unsigned DDHMMSS SYSTEM not null

3-28 ARC_TCALLST (Archive Terminal Call Statistics)

Description:	The total amount of time the receiver was off-hook.
Name:	TOTAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of coin paid calls completed.
Name:	LOCAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of local coin calls completed for numbers of 7 digits or less, and for all numbers identified as local calls based on the NXX tables.
Name:	TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of Intra-lata (including 011+) coin calls completed (as dialed by the terminal, not the user).
Name:	FAIL TO POTS CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of Fail-to-POTS calls.

Name:	INTER LATA TOLL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0
Description:	The number of Inter-lata card calls completed.
Name:	INTER LATA TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of Inter-lata coin calls completed.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	For future use
Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	For future use
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TCALSTE (Archive Terminal Call Statistics Enhanced)

Description:

This table contains the Enhanced Summary Call Statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls.

The types of calls (i.e., 0-, 0+, 1+, etc.) refer to those dialed by the terminal, not the user. This means that if the user dials a 0+ call and the terminal dials it out as a 1+ call, the statistic for 1+ calls (toll) is incremented.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID

Summary Period Start Date

Summary Period Start Time

Record length: 188

Fields:

Name: TERMINAL ID

Mand/Opt'l: Mandatory

Occurrences: 1

Data type: PIC S9(10)

Default: No default not null

Format: NPA-NXX-LINE

Range: 1000000000 - 9999999999

Description: This is the telephone number of the terminal.

Name:	RECEIVED DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Call Statistics, in the terminal local time.
Name:	SUMMARY PERIOD START TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null

3-32 ARC_TCALSTE (Archive Terminal Call Statistics Enhanced)

Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal began recording Call Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal finished recording Call Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal finished recording Call Statistics, in the terminal local time.
Name:	LOCAL CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local calls completed.

Name:	INTRA LATA CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of intra-lata calls completed.
Name:	INTER LATA CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of inter-lata calls completed.
Name:	INTERNATIONAL CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international calls completed
Name:	INCOMING CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of answered incoming calls.
Name:	UNANSWERED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of calls for which dialing was finished but which were not established. See note below.

3-34 ARC_TCALSTE (Archive Terminal Call Statistics Enhanced)

Note: For supervised calls, no answer supervision received. Statistics do not exist for unsupervised calls (call is immediately established after dialing).

Name:	ABANDONED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of calls after the user goes off-hook (or the next call button is used) but the terminal does not have a chance to finish dialing the number.
Name:	OPERATOR ASSISTED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0- calls.
Name:	ZERO PLUS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0+ and 01+ calls (as dialed by the terminal, not the user).
Name:	FREE 1 800 CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 1-800 calls that were free.

Name:	DENIED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of denied calls.
Name:	DIRECTORY ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of directory assistance calls completed.
Name:	FREE CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of free calls, excluding Feature Group B calls (i.e., 0- and 0+ calls are not considered free calls.)
Name:	FOLLOW ON CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of calls started using the next call button. Statistics are recorded when the next call button is pushed and the terminal is in the state to do a next call. It is not necessary to complete the call.

3-36 ARC_TCALSTE (Archive Terminal Call Statistics Enhanced)

Name:	FAIL TO POTS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of Fail-to-POTS calls.
Name:	REP DIALER CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calls made using rep dialer keys.
Name:	REP DIALER PEG COUNT (1-10)
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of completed calls for each of the Rep Dialer buttons. Each peg count corresponds to a Rep Dialer Button on the terminal. Note that the peg count is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user. For buttons that are defined as Information Only or Carrier the pegcounts will indicate button pushes.
Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total call duration for all calls.

	<p>Call duration is timed:</p> <ul style="list-style-type: none"> a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	TOTAL TIME OFF HOOK Optional 1 Numeric (8,0) Not null DDHHMMSS The total amount of time the receiver was off-hook.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	FREE FEATURE GRP B COUNT Optional 1 Numeric (5,0) Not null The number of Feature Group B calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DATAJACK CALLS ATTEMPTS COUNT Optional 1 Numeric (5,0) Not null Number of datajack calls attempted
Name: Mand/Opt'l: Occurrences: Data type: Description:	BILLABLE 1 800 CALL COUNT Optional 1 Numeric (5,0) Number of completed 1-800 calls that were billable (Non-Free).

3-38 ARC_TCARRST (Archive Terminal Carrier Call Statistics)

Name:	DATAJACK CALLS COMPLT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of Datajack calls completed.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TCARRST (Archive Terminal Carrier Call Statistics)

Description:

This table contains the Carrier Call Statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls.

Estimated Volume: 21 / Terminal / Day

Primary Key:

Terminal ID
Summary Period Start Dt
Summary Period Start Tm
Carrier Xref Number

Record length: 82

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TERMINAL ID
RECEIVED DATE
RECEIVED TIME

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.

3-40 ARC_TCARRST (Archive Terminal Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	SUMMARY PERIOD START DT Mandatory 1 PIC 9(8) No default not null YYYYMMDD Date on which the terminal began recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Format: Default: Range: Comments: Description:	SUMMARY PERIOD START TM Mandatory 1 PIC 9(6) HHMMSS No default not null 000000 - 235959 Must have a valid Time format. Time at which the terminal began recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	SUMMARY PERIOD STOP DT Optional 1 PIC 9(8) No default not null YYYYMMDD Date on which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Range:	SUMMARY PERIOD STOP TM Optional 1 PIC 9(6) No default not null HHMMSS 000000 - 235959

Comments:	Must have a valid Time format.
Description:	Time at which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name:	CARRIER XREF NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	Carrier cross reference number
Name:	IXC CARD CALLS COMPLETE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of card calls (1+) completed using carrier.
Name:	IXC COIN CALLS COMPLETE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of coin calls completed using carrier.
Name:	IXC ZERO PLUS CARD CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of 0+ card calls completed using carrier.

3-42 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Name:	IXC OTHER CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	The number of other calls completed using carrier.
Name:	SPARE COUNTER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	0 not null
Description:	Spare counter for future use.

ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Description:

This table contains the Enhanced Carrier Call Statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls.

Estimated Volume: 21 / Terminal / Day

Primary Key:

Terminal ID
Summary Period Start Date
Summary Period Start Time
Carrier Cross Reference Num

Record length: 290

INDEX ARC_TCARSTE0

Terminal ID
Received Date
Received Time

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	RECEIVED TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Carrier Call Statistics record was received by the Millennium Manager, in the Millennium Manager local time.

3-44 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	SUMMARY PERIOD START DATE Mandatory 1 PIC S9(8) SYSTEM not null YYYYMMDD Date on which the terminal began recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Range: Comments: Description:	SUMMARY PERIOD START TIME Mandatory 1 PIC 9(6) SYSTEM not null HHMMSS 000000 - 235959 Must have a valid Time format. Time at which the terminal began recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	SUMMARY PERIOD STOP DATE Optional 1 PIC S9(8) SYSTEM not null YYYYMMDD Date on which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Default:	SUMMARY PERIOD STOP TIME Optional 1 PIC 9(6) SYSTEM not null HHMMSS Range: 000000 - 235959

Comments:	Must have a valid Time format.
Description:	Time at which the terminal finished recording Carrier Call Statistics, in the terminal local time.
Name:	CARRIER CROSS REFERENCE NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(3)
Default:	No default not null
Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	Carrier cross reference number
Name:	STATISTICS VINTAGE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	Used to determine which fields are supported by this terminal type 1 = reserved for backwards compatibility with MTR 1.7 / 1.9 2 = MTR 2.2
Name:	LOCAL COIN COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local coin calls completed.
Name:	LOCAL CREDIT CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null

3-46 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Description:	Number of local credit cards completed.
Name:	LOCAL SMART CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local smart card calls completed.
Name:	LOCAL MONDEX CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local Mondex card calls completed
Name:	LOCAL VISA STORED VALUE COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local Visa Stored Value card calls completed.
Name:	LOCAL SMART CITY COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local SmartCity calls completed
Name:	LOCAL PROTON COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local Proton calls completed

Name:	LOCAL PAYMENT TYPE C COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local Type C calls completed
Name:	LOCAL PAYMENT TYPE D COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local Type D calls completed
Name:	LOCAL PAYMENT TYPE E COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of local Type E calls completed
Name:	LOCAL CALLING CARD NCC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calling card calls completed through the Millennium Manager.
Name:	LOCAL CALLING CARD ACCS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calling card calls completed through ACCS.

3-48 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA COIN COUNT Optional 1 Numeric (5,0) Not null Number of intra-lata coin calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA CREDIT COUNT Optional 1 Numeric (5,0) Not null Number of intra-lata commercial credit card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA SMART COUNT Optional 1 Numeric (5,0) Not null Number of intra-lata Smart card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA MONDEX COUNT Optional 1 Numeric (5,0) Not null Number of intra-lata Mondex card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default:	INTRA LATA VISA STORE VAL CNT Optional 1 Numeric (5,0) Not null

Description:	Number of intralata Visa stored value card calls completed.
Name:	INTRA LATA SMART CITY COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PROTON COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE C CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE D CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA PAYMENT TYPE E CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.

3-50 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA CALLING NCC Optional 1 Numeric (5,0) Not null Number of intra-lata calling card calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA CALLING ACCS Optional 1 Numeric (5,0) Not null Number of intra-lata calling card calls completed through ACCS.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA COIN COUNT Optional 1 Numeric (5,0) Not null Number of inter-lata coin calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CREDIT COUNT Optional 1 Numeric (5,0) Not null Number of inter-lata credit card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA SMART COUNT Optional 1 Numeric (5,0) Not null Number of inter-lata smart card calls completed.

Name:	INTER LATA MONDEX COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of interlata Mondex card calls completed.
Name:	INTER LATA VISA STORE VAL CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTER LATA SMART CITY COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTER LATA PROTON COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTER LATA PAYMENT TYPE C CNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of such calls completed.

3-52 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PAYMENT TYPE D CNT
	Numeric (5,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA PAYMENT TYPE E CNT
	Numeric (5,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CALLING NCC
	Optional 1 Numeric (5,0) Not null Number of inter-lata calling card calls completed through the Millennium Manager.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CALLING ACCS
	Optional 1 Numeric (5,0) Not null Number of inter-lata calling card calls completed through ACCS.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL COIN COUNT
	Optional 1 Numeric (5,0) Not null Number of international coin calls completed.

Name:	IXL CREDIT CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international commercial credit card calls completed.
Name:	IXL SMART CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international smart card calls completed.
Name:	IXL MONDEX CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international Mondex card calls completed
Name:	IXL VISA STORED VALUE COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international Visa stored value card calls completed
Name:	IXL SMART CITY COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)

3-54 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Default:	Not null
Description:	Number such calls completed through the Millennium Manager.
Name:	IXL PROTON COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number such calls completed through the Millennium Manager.
Name:	IXL PAYMENT TYPE C COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number such calls completed through the Millennium Manager.
Name:	IXL PAYMENT TYPE D COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number such calls completed through the Millennium Manager.
Name:	IXL PAYMENT TYPE E COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number such calls completed through the Millennium Manager.

Name:	IXL CALLING NCC COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international calling card calls completed through the Millennium Manager.
Name:	IXL CALLING ACCS COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of international calling card calls completed through ACCS.
Name:	OPERATOR ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0- calls.
Name:	ZERO PLUS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	The number of 0+ and 01+ calls (as dialed by the terminal, not the user).
Name:	FREE FEATURE GRP B COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null

3-56 ARC_TCARSTE (Archive Terminal Carrier Call Statistics Enhanced)

Description:	The number of Feature Group B calls.
Name:	DIRECTORY ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of directory assistance calls completed.
Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL INSERT MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calls made using calling and commercial credit cards does not include smart cards.
Name:	TOTAL MANUAL MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Number of calls made by entering card number manually- intra-lata calls only.

Name:	SPARE COUNTER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0)
Default:	Not null
Description:	Spare counter.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TCASHST (Archive Terminal Cash Box Status)

Description:

This table contains the Cash Box Status records from the terminals.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 80

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1

3-58 ARC_TCASHST (Archive Terminal Cash Box Status)

Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Cash Box Status record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Description:	Time at which the Cash Box Status record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	CASH BOX STATUS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null
Values:	Refer to Cash Box Status in table TCOLLCT.
Description:	Refer to Cash Box Status in table TCOLLCT.

Name:	BOX NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Unique identifier of the current cash box in the terminal.
Name:	PERCENT FULL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 100
Description:	Indicates how full the cash box is.
Name:	CURRENCY VALUE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,2) unsigned
Default:	Not null
Units:	dollars and cents
Description:	Contains the total value of the currency in the cash box.
Name:	NUMBER OF CDN NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN DIMES
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned

3-60 ARC_TCASHST (Archive Terminal Cash Box Status)

Default:	Not null
Description:	
Name:	NUMBER OF CDN QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US DIMES
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	

Name:	NUMBER OF US DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TCDR (Archive Terminal Call Detail)

Description:

This table contains the call detail records (CDRs) received from the terminals. All call detail records contain a sequence number generated by the terminal which is unique to each call attempt. Billable CDRs are forwarded to the billing system for billing.

Estimated Volume: 20 / Terminal / Day

Primary Key:

Terminal ID
Start Date
Start Time
Sequence No

Record length: 170

3-62 ARC_TCDR (Archive Terminal Call Detail)

ALTERNATE KEY 1

Terminal ID
Received Dt
Received Tm

ALTERNATE KEY 2

Card Number

INDEX ARC_TCDR0

TERMINAL ID
RECEIVED DT
RECEIVED TM

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the CDR record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the CDR record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	TRANSMIT MSA DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	0 not null
Format:	YYYYMMDD
Description:	Date on which the CDR record was processed by the billing function, in Millennium Manager local time. If this CDR was for a billable call, this is also the date on which the record was transmitted to the billing system for billing.
Name:	TRANSMIT MSA TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	0 not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time when the CDR record was processed by the billing function, in Millennium Manager local time.

3-64 ARC_TCDR (Archive Terminal Call Detail)

	If this CDR was for a billable call, this is also the date on which the record was transmitted to the billing system for billing.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	TRANSMITTED IND Optional 1 PIC X(1) 0 not null "0" No "1" Yes Indicates whether the record was transmitted to the billing system for billing.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	INTERNATIONAL CALL IND Optional 1 PIC 9(1) Not null 0 No 1 Yes Indicates the call was an international call.
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	REP DIALER CALL Optional 1 PIC 9(1) Not null 0 – No 1 – Yes Indicates the call was a repertory dialer call.
Name: Mand/Opt'l: Occurrences: Data type:	SMART CARD FLAG Optional 1 PIC X(1)

<p>Default: 0 not null Description: This indicates that a smart card was used. Introduced in MSR 1.6, when there was no payment type to indicate a smart card was used. It is now obsolete, and is marked for eventual removal.</p>
<p>Name: CARD SPILL OCCURRED Mand/Opt'l: Optional Occurrences: 1 Data type: PIC X(1) Default: 0 not null Description: Indicates that the card number was sent to the network.</p>
<p>Name: MANUALLY DIALED CARD NUMBER Mand/Opt'l: Optional Occurrences: 1 Data type: PIC X(1) Default: 0 not null Values: “0” No 1 Yes Description: Indicates whether the card number was manually entered at the payphone.</p>
<p>Name: FEATURE GROUP B Mand/Opt'l: Optional Occurrences: 1 Data type: PIC X(1) Default: 0 not null Description: Feature Group B is a category of free access to the carrier network. It usually uses 1-800 or 950xxx.</p>

3-66 ARC_TCDR (Archive Terminal Call Detail)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SPARE FLAG 6 Optional 1 PIC X(1) Not null For future use
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CALLED TELEPHONE NO Optional 1 PIC X(20) Not null This field contains the called number for non-summary records. Starting with MTR 1.9 terminals, this field contains a peg count of MDS calls for summary local smart card calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Comments: Description:	CARRIER XREF NUMBER Optional 1 Numeric (3,0) unsigned Not null 0 - 255 Must exist on the Carrier Cross Reference table. Carrier cross reference number
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARD NUMBER Optional 1 PIC X(20) Not null Unique identifier assigned to a credit card or calling card that is used to identify how payment is made for the call.

Name:	AMOUNT CHARGED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,2) unsigned
Default:	Not null
Units:	dollars and cents
Description:	
Name:	AMOUNT COLLECTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,2) unsigned
Default:	Not null
Description:	<p>This field supports the zero-value smart card feature, where a smart card with less than the value of a local call, can be used for one call to zero-out the card.</p> <ul style="list-style-type: none"> For local individual smart card CDRs, this field amount may be less than the amount charged. For summary smart card CDRs this amount (collected value) would be less than the peg count times the local rate (expected value). For summary local CDRs, this field contains a peg count for the number of calls.
Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	A unique number generated by the terminal.
Name:	START DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)

3-68 ARC_TCDR (Archive Terminal Call Detail)

Default:	Not null
Format:	YYYYMMDD
Description:	Date when the call began, in terminal local time.
Name:	START TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time when the call began, in terminal local time.
Name:	CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Comments:	Must have a valid Time format.
Description:	Stores the duration of the call in the format hours, minutes, seconds.
Name:	CD CALL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Values:	See call type (CALLTYPE) table for values.
Range:	0 - 255
Comments:	Call type numbers in post MSR 1.6 version are complex. The numbers are created by a combination of the payment type and call type.
Description:	

Name:	PAYMENT TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Values:	See call type (CALLTYP) table for values.
Range:	0 - 15
Description:	Type of payment whether coin, card, or free/bill to third party.
Name:	POWER FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No (Normal power) 1 Yes (Power failure)
Description:	When set, indicates that a power failure has occurred. This will be cleared when a time synchronization occurs.
Name:	POWER FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No (Normal power) 1 Yes (Power failure)
Description:	When set, indicates that a power failure has occurred. This will be cleared when a time synchronization occurs.
Name:	FOLLOW ON CALL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)

3-70 ARC_TCDR (Archive Terminal Call Detail)

Default:	Not null
Values:	0 No 1 Yes
Description:	This indicates a call made using the Next Call button,
Name:	AUTHORIZATION RESPONSE CD
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Response code returned in the Authorization Response request.
Name:	FLAGS BIT 0
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Used to support 10XXX Dialed by User field. These flags will be used to indicate the prefix digits dialed by the user.
Name:	FLAGS BIT 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Summary Local Smart Card Indicator.

CDR notes

A summary local smart card CDR will be sent up once per day and will replace CDRs for every local smart card call as the billable record. Individual local smart card CDRs can still be generated, in addition to the summary record, but will be treated as optional CDRs (not billable). Summary local records will also be generated for Mondex payment type. VISA payment type will generate individual local CDRS.

The summary record will contain the following information:

- all flags set to 0 except smart card indicator and summary local record
- call type will be local smart card
- card number, called number, auth code will be empty
- amount charged will be a cumulative field for value of all calls combined
- amount collected will be a peg count of number of calls in this period
- Start date / time will be when the record was opened. The terminal will store summary information in a temporary location and then open a CDR at midnight. Hence, the CDR start date will contain information for calls from the previous day
- duration will be the cumulative time from the individual CDR durations.
- sequence number will always be zero

If a summary CDR is empty it will not be sent to the Millennium Manager.

Starting with the MTR 1.9 terminal vintage, individual summary smart card CDRs will be created based on the smart card application code and issue ID. Individual summary smart card CDRs will populate the fields as identified above with the following exceptions:

- card number will be a 6 digit number containing 9 + 3 digit application
- code + 2 digit issue ID (or card reference number)
- sequence number field will contain a normal CDR sequence number

3-72 ARC_TCDR (Archive Terminal Call Detail)

- (unique for each record). The combination of terminal ID, start date, start
- time, sequence number will ensure a unique record.

Local summary Mondex records will continue to have a blank card number.

The Mondex terminals will produce a summary transaction record once per day if there were any transactions (chargeable or free) at the terminal.

The fields would be populated as follows:

- all flags set to 0 except summary local record flag
- call type will be Mondex ePurse transaction
- card number, called number, auth code will be empty (E terminated)
- amount charged will be a cumulative field for value of all transactions combined (if transactions are free, this field will contain 0)
- amount collected will be a peg count of number of transactions in this period
- Start date / time will be when the record was opened. The terminal will store summary information in a temporary location and then open a CDR at midnight. Hence, the CDR start date will contain information for transactions from the previous day
- duration will be zero (does not have meaning for transactions)
- sequence number will be a normal CDR sequence number (that will be unique)
- the combination of terminal ID, start date, start time, sequence number will ensure a unique record

If a transaction CDR is empty it will not be sent up to the Millennium Manager.

Name:	MULTIPLE SMART CARDS USED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Multiple CDRs will be generated for calls where multiple smartcards are used. The contents of the subsequent CDR will be the same as the initial CDR except for the fields shown in Table 3-1 . Start time and date for all subsequent CDRs will be the same as the initial CDR.

Table 3-1: CDR field changes for subsequent cards

Field	Contents
Card Number	will contain the new card number
Amount Collected	from the new card
Amount Charged	from the new card
Sequence Number	will be incremented by one. Required to avoid duplicate CDR issues
Duration	time applied / used against the new card
Multiple Smart Cards Used flag	set to one
Authorization Code	empty (null filled)

3-74 ARC_TCDR (Archive Terminal Call Detail)

Table 3-1: CDR field changes for subsequent cards

Field	Contents
Card Reference Number	from the card table for the new card
Call Disposition	set to 0 (accept - no card table authorization performed)
Card Authorization Not Available flag	set to indicate no authorization
Power Fall Indication	set if power fail occurred while using new card

Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	CARRIER PREFIX Optional 1 PIC X(1) 0 not null “0” No “1” Yes Used to support 0 Prefix Dialed by User field in Flags Bit 3. Refer to Flags Bit 0 in table TCDR This is a number the terminal uses to determine what a carrier number is (950, 10xxx, and so on).
Name: Mand/Opt'l: Occurrences: Data type: Default: Values: Description:	ZERO ONE ADDED OR CONVERTED Optional 1 PIC X(1) 0 not null “0” No “1” Yes Used to support 1 Prefix Dialed by User field in Flags Bit 4. Refer to Flags Bit 0 in table TCDR

Name:	POST MSR16 CDR
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	
Name:	CARD REF NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	255 not null
Range:	0 - 255
Comments:	The value of zero will be reserved for the coin call.
Description:	Indicates the unique identifier value assigned in the Card Table to the card.
The following definitions can be used for the new firmware:	
0 to 62	Card ref number, neither bit 6 or 7 set
64 to 126	Card ref number, bit 6 set
128 to 190	Card ref number, bit 7 set (datajack call)
192 to 254	Card ref number, bit 6 and 7 set (datajack call)
63, 127, 191, 255	Reserved for compatibility, will never be generated
Old firmware will generate ranges of:	
0 to 62	Card ref number
255	Default

3-76 ARC_TCDR (Archive Terminal Call Detail)

Name:	CALL DISPOSITION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	0 not null
Range:	0 - 255
Values:	0 Accept 1 - 127 Reject 128 - 255 Accept
Description:	These codes are defined in the Card Authorization server parameters and are configurable by the system manager. Indicates the result of the card authorization request.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.
Name:	CALL DURATION SEC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	0 not null
Description:	Stores the duration of the call in seconds
Name:	DIAL AROUND CALL
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(1)
Default:	“ “ not null
Description:	“1” indicates a directory assistance call.

Name:	CIC
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(4)
Default:	" " not null
Description:	
Name:	SPEED DIAL NUMBER
Mand/Opt'l:	
Occurrences:	
Format:	PIC X(3)
Default:	" " not null
Description:	as named, if any.
Name:	DATAJACK CALL
Mand/Opt'l:	
Occurrences:	
Format:	PIC (X)1
Default:	" " not null
Description:	"1" indicates a datajack call.
Name:	CRN BIT 6
Mand/Opt'l:	
Occurrences	
Format:	PIC X(1)
Default:	" " not null
Description:	Bit six of the card reference number.

ARC_TCLEMTH

(Archive Summary Call Statistics)

Description:

This table contains the archived enhanced summary call statistics month to date totals based on the enhanced summary call statistics month to date table (TCLEMTH).

Estimated Volume:

Primary Key:

Terminal ID
Ecall Stats Year
Ecall Stats Mnth
Region Code

Record length: 150

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	ECALL STATS YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null

Description:	Indicates the year for which the accumulated amounts for the enhanced call statistics in this record are recorded.
Name:	ECALL STATS MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Description:	Indicates the month for which the accumulated amounts for the enhanced call statistics in this record are recorded.
Name:	LOCAL CALL COUNT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local calls completed
Name:	INTRA LATA CALL COUNT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata calls completed
Name:	INTER LATA CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata calls completed

3-80 ARC_TCLEMTH (Archive Summary Call Statistics)

Name:	INTERNATIONAL CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of international calls completed
Name:	INCOMING CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of answered incoming calls.
Name:	UNANSWERED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of calls for which dialing was finished but which were not established. For supervised calls, no answer supervision received. Statistics do not exist for unsupervised calls (call is immediately established after dialing).
Name:	ABANDONED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of calls after the user goes off-hook (or the next call button is used) but the terminal does not have a chance to finish dialing the number.

Name:	OPERATOR ASSISTED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of 0- calls.
Name:	ZERO PLUS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of 0+ and 01+ calls (as dialed by the terminal, not the user).
Name:	FREE 1 800 CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of 1-800 calls that were free.
Name:	DENIED CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of denied calls.
Name:	DIRECTORY ASSIST CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of directory assistance calls completed.

3-82 ARC_TCLEMTH (Archive Summary Call Statistics)

Name:	FREE CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of free calls, excluding Feature Group B calls (i.e., 0- and 0+ calls are not considered free calls.)
Name:	FOLLOW ON CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of calls started using the next call button. Statistics are recorded when the next call button is pushed and the terminal is in the state to do a next call. It is not necessary to complete the call.
Name:	FAIL TO POTS CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of Fail-to-POTS calls.
Name:	REP DIALER CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of calls made using rep dialer keys.

Name:	REP DIALER PEG CNT 1 - 10
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of completed calls for each of the Rep Dialer buttons. Each peg count corresponds to a Rep Dialer Button on the terminal. Note that the peg count is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user. For buttons that are defined as Information Only or Carrier the peg counts will indicate button pushes.
Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total call duration for all calls. Call duration is timed: a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL TIME OFF HOOK
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0)
Default:	Not null
Format:	DDHHMMSS
Description:	The total amount of time the receiver was off-hook

3-84 ARC_TCLEMTH (Archive Summary Call Statistics)

Name:	FREE FEATURE GRP B COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	The number of Feature Group B calls.
Name:	DATAJACK CALLS ATTEMPTS COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of datajack calls attempted.
Name:	BILLABLE 1 800 CALL COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of completed 1-800 calls that were billable (Non-Free).
Name:	DATAJACK CALLS COMPLT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.

ARC_TCLYTD

(Archive Terminal Call Statistics YTD)

Description:

This table contains a summary of the call statistics generated by the terminals. The counts are represented on a month-by-month basis.

Primary Key: **Terminal ID**
Record length: 142

Alternate Key:

Telco ID
 Call Stats Year
 Call Stats Mnth
 Archive Ind

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	CALL STATS YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY

3-86 ARC_TCLYTD (Archive Terminal Call Statistics YTD)

Description:	Indicates the year for which the accumulated amounts for the regular call statistics in this record are recorded.
Name:	CALL STATS MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Format:	MM
Description:	Indicates the month for which the accumulated amounts for the regular call statistics in this record are recorded.
Name:	TOTAL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of card calls (including follow-on).
Name:	FREE CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of free calls. Note that 0- and 0+ calls are not considered to be free calls.
Name:	INCOMING CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of answered incoming calls.

Name:	UNANSWERED CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of calls dialed which were either busy or unanswered.
Name:	ABANDONED CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of calls after the user goes off-hook (or uses the next call button) but the terminal does not have a chance to start dialing the number.
Name:	LOCAL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of local card calls completed (3 to 7 digit numbers).
Name:	TOLL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of 1+ (Intra-lata) card calls completed (as dialed by the terminal, not the user).

3-88 ARC_TCLYTD (Archive Terminal Call Statistics YTD)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	OPERATOR CALL CNT Optional 1 Numeric (9,0) unsigned SYSTEM not null The number of 0- calls.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ZERO PLUS CALL CNT Optional 1 Numeric (9,0) unsigned SYSTEM not null The number of 0+ calls (as dialed by the terminal, not the user).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	FOLLOW ON CALL CNT Optional 1 Numeric (9,0) unsigned SYSTEM not null The number of calls completed using the next call button.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	REP DIALER PEG CNT (1-10) Optional 10 Numeric (9,0) unsigned SYSTEM not null The number of completed calls for each of the Rep Dialer buttons. Each peg CNT corresponds to a Rep Dialer Button on the terminal. Note that the peg CNT is not incremented if a number matching one of the Rep Dialer number is entered from the dial pad by the user.

Name:	TOTAL CALL DURATION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) unsigned
Default:	SYSTEM not null
Format:	DDHHMMSS
Description:	<p>The total call duration for all calls. Call duration is timed:</p> <ul style="list-style-type: none"> a) from answer supervision (when available) to on-hook, or b) from finished dialing (when answer supervision not available) to on-hook.
Name:	TOTAL TIME OFF HOOK
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (8,0) unsigned
Default:	SYSTEM not null
Format:	DDHHMMSS
Description:	The total amount of time the receiver was off-hook.
Name:	TOTAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of coin paid calls.
Name:	LOCAL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of local coin calls completed (3 to 7 digit numbers).

3-90 ARC_TCLYTD (Archive Terminal Call Statistics YTD)

Name:	TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of 1+ (Intra-lata) coin calls completed (as dialed by the terminal, not the user).
Name:	FAIL TO POTS CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of Fail-to-POTS calls.
Name:	INTER LATA TOLL CARD CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of Inter-lata card calls completed.
Name:	INTER LATA TOLL COIN CALL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of Inter-lata coin calls completed.
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	For future use

Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	For future use
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TCOLLCT (Archive Terminal Cash Box Collections)

Description:

This table contains the collection records received from the terminals.
The billing process forwards them to the coin reporting centre.

Estimated Volume: 1 per Terminal per 2 weeks

Primary Key:

Terminal ID
Collection DT
Collection TM
Received DT
Received TM

Record length: 134

3-92 ARC_TCOLLCT (Archive Terminal Cash Box Collections)

Alternate Key:

Telco ID
Transmit Pcs DT
Transmit Pcs TM
Archive IND

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	COLLECTION DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Cash Box was collected from the terminal, in the terminal's local time.

Name:	COLLECTION TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Range:	000000 - 235959
Description:	Time at which the Cash Box was collected from the terminal, in the terminal's local time.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the Cash Box Collection record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Description:	Time at which the Cash Box Collection record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	TRANSMIT PCS DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which this record was transmitted to the coin reporting centre, in the Millennium Manager local time.
Name:	TRANSMIT PCS TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null

3-94 ARC_TCOLLCT (Archive Terminal Cash Box Collections)

Format:	HHMMSS
Range:	000000 - 235959
Description:	Time at which this record was transmitted to the coin reporting centre, in the Millennium Manager local time.
Name:	COLLECTION STATUS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Values:	"0" No "1" Yes
Description:	Indicates whether this record includes one or more previous collections, which were not transmitted to the Millennium Manager.
Name:	COLLECTOR ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Comments:	Verified against the Collector ID table during Coin Collection processing.
Description:	Unique identifier for the person who collected the cash box.
Name:	KEY SEQUENCE NUMBER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Unique identifier for the key used to open the cash box.

Name:	NEW BOX NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(8)
Default:	Not null
Description:	Unique identifier of the new cash box.
Name:	SEQUENCE NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	TOTAL CURRENCY VALUE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,2) unsigned
Default:	Not null
Description:	The total amount collected from the terminal cash box, including the values from the current and all previous collections.
Name:	CASH BOX STATUS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	Not null
Values:	Bits (x - don't care) 0 Normal State 1 \$Value exceeded 2 % Threshold exceeded 3 \$Value exceeded and % Threshold exceeded 4> Cash Box Totally Full
Description:	Refer to Cash Box Status values.

3-96 ARC_TCOLLCT (Archive Terminal Cash Box Collections)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	OLD BOX NO Optional 1 PIC X(8) Not null Unique identifier of the terminal's old cash box.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	PERCENT FULL Optional 1 Numeric (3,0) unsigned Not null 0 - 100 Indicates how full the cash box was at collection.
Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	CURRENCY VALUE Optional 1 Numeric (9,2) unsigned Not null dollars and cents Contains the total value of the currency which was collected, not including any previous collections.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF CDN NICKELS Numeric (5,0) unsigned Not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF CDN DIMES Numeric (5,0) unsigned Not null

Description:	=
Name:	NUMBER OF CDN QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US DIMES
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	

3-98 ARC_TCOLLCT (Archive Terminal Cash Box Collections)

Name:	NUMBER OF US DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	
Name:	SPARE FLAG 1-2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Description:	Identifies the Region under which this record was created.

ARC_TCOLYTD (Archive Terminal Cash Box Collections YTD)

Description:

This table contains a summary of the cash box collection records received from the terminals. The counts are represented on a month-by-month basis.

Estimated Volume: 50 / Terminal / Year

Primary Key:

Terminal ID
Summary YEAR
Summary MNTH
Region CODE

Record length: 58

Alternate Key:

Telco ID
Archive Ind
Summary Year
Summary Mnth

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

3-100 ARC_TCOLYTD (Archive Terminal Cash Box Collections YTD)

Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	SUMMARY YEAR Mandatory 1 PIC 9(4) No default not null YYYY Indicates the year for which the cashbox collection summary records are recorded.
Name: Mand/Opt'l: Occurrences: Data type: Default: Format: Description:	SUMMARY MNTH Mandatory 1 PIC 9(2) No default not null MM Indicates the month for which the cashbox collection summary records are recorded.
Name: Mand/Opt'l: Occurrences: Data type: Default: Units: Description:	CURRENCY VALUE Optional 12 Numeric (9,2) unsigned Not null dollars and cents Contains the total value of the currency which has been collected from the terminal, for each month.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NUMBER OF CDN NICKELS Numeric (9,0) unsigned Not null

Name:	NUMBER OF CDN DIMES
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF CDN DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US NICKELS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US DIMES
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	

3-102 ARC_TCOLYTD (Archive Terminal Cash Box Collections YTD)

Name:	NUMBER OF US QUARTERS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	NUMBER OF US DOLLARS
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Description:

This table contains the archived month-to-date summary carrier call statistics based on the summary call statistics table - Post MSR 1.6 (TCARSTE).

Primary Key:

Terminal ID
Carrier Stats YEAR
Carrier Stats MNTH
Carrier Cross Reference NUM
Statistics VINTAGE
Region CODE

Record length: 252

Alternate Key:

Telco ID
Ecarrier Stats Year
Ecarrier Stats Mnth
Archive Ind

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

3-104 ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ECARRIER STATS YEAR Mandatory 1 PIC 9(4)() No default not null Indicates the year for which the enhanced carrier statistics are recorded.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ECARRIER STATS MNTH Mandatory 1 PIC 9(2) No default not null Indicates the month for which the enhanced carrier statistics are recorded.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARRIER CROSS REFERENCE NUM Mandatory 1 PIC 9(3) No default not null Carrier cross reference number
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	STATISTICS VINTAGE Mandatory 1 Numeric (3,0) unsigned Not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL COIN COUNT Optional 1 Numeric (9,0) Not null Number of local coin calls completed

Name:	LOCAL CREDIT CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local commercial credit card calls completed
Name:	LOCAL SMART CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local Smart card calls completed.
Name:	LOCAL MONDEX CARD COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local Mondex card calls completed.
Name:	LOCAL VISA STORED VALUE COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such local calls completed
Name:	LOCAL SMART CITY COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such local calls completed

3-106 ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PROTON COUNT
	Numeric (9,0) Not null Number of such local calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PAYMENT TYPE C COUNT
	Numeric (9,0) Not null Number of such local calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PAYMENT TYPE D COUNT
	Numeric (9,0) Not null Number of such local calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL PAYMENT TYPE E COUNT
	Numeric (9,0) Not null Number of such local calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	LOCAL CALLING CARD NCC
	Optional 1 Numeric (9,0) Not null Number of local calling card calls completed through the Millennium Manager feature (Both manual dial and insert mode).

Name:	LOCAL CALLING CARD ACCS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of local calling calls completed through ACCS for Feature Group B and D (Both manual dial and insert mode).
Name:	INTRA LATA COIN COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata coin calls completed.
Name:	INTRA LATA CREDIT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intralata credit card calls completed.
Name:	INTRA LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata Smart card calls completed.
Name:	INTRA LATA MONDEX COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata Mondex calls completed.

3-108 ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA VISA STORE VAL CNT Optional 1 Numeric (9,0) Not null Number of intra-lata Visa Stored Value Card calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA SMART CITY COUNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA PROTON COUNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA PAYMENT TYPE C CNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTRA LATA PAYMENT TYPE D CNT Numeric (9,0) Not null Number of such calls completed.

Name:	INTRA LATA PAYMENT TYPE E CNT
Mand/Opt'l Occurrences:	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTRA LATA CALLING NCC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata calling card calls completed through the Millennium Manager (Both manual dial and insert mode),
Name:	INTRA LATA CALLING ACCS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of intra-lata calling card calls completed through ACCS for Feature Group B and D (Both manual dial and insert mode).
Name:	INTER LATA COIN COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata coin calls completed.
Name:	INTER LATA CREDIT COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)

3-110 ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Default:	Not null
Description:	Number of inter-lata commercial credit card calls completed.
Name:	INTER LATA SMART COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata smart card calls completed.
Name:	INTER LATA MONDEX COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata Mondex card calls completed.
Name:	INTER LATA VISA STORE VAL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata Visa Stored Value card calls completed.
Name:	INTER LATA SMART CITY COUNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.

Name:	INTER LATA PROTON COUNT
Mand/Opt'l Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTER LATA PAYMENT TYPE C CNT
Mand/Opt'l Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTER LATA PAYMENT TYPE D CNT
Mand/Opt'l Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTER LATA PAYMENT TYPE E CNT
Mand/Opt'l Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	INTER LATA CALLING NCC
Mand/Opt'l: Occurrences:	Optional 1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of inter-lata calling card calls completed through the Millennium Manager.

3-112 ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INTER LATA CALLING ACCS Optional 1 Numeric (9,0) Not null Number of inter-lata calling card calls completed through ACCS.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL COIN COUNT Optional 1 Numeric (9,0) Not null Number of international coin calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL CREDIT CARD COUNT Optional 10 Numeric (9,0) Not null Number of international commercial credit card calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL SMART CARD COUNT Optional 1 Numeric (9,0) Not null Number of international Smart card calls completed
Name: Mand/Opt'l: Occurrences: Data type: Default:	IXL MONDEX CARD COUNT Optional 1 Numeric (9,0) Not null

Description:	Number of international Mondex calls completed
Name:	IXL VISA STORED VALUE COUNT
Mand/Opt'l	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of international "Payment Type 9" calls completed - For future use.
Name:	IXL SMART CITY COUNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	IXL PROTON COUNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	IXL PAYMENT TYPE C COUNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.
Name:	IXL PAYMENT TYPE D COUNT
Mand/Opt'l	
Occurrences	
Data type:	Numeric (9,0)
Default:	Not null
Description:	Number of such calls completed.

3-114 ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Name: Mand/Opt'l Occurrences: Data type: Default: Description:	IXL PAYMENT TYPE E COUNT Numeric (9,0) Not null Number of such calls completed.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL CALLING NCC COUNT Optional 1 Numeric (9,0) Not null Number of international calling card calls completed through the Millennium Manager (Both manual dial and insert mode).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	IXL CALLING ACCS COUNT Optional 1 Numeric (9,0) Not null Number of international calling card calls completed through ACCS for Feature Group B and D (Both manual dial and insert mode).
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	OPERATOR ASSIST CALL COUNT Optional 1 Numeric (9,0) Not null Number of operator calls (0-, 00-, 10XX - 0 and 10XXX#) completed

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ZERO PLUS CALL COUNT Optional 1 Numeric (9,0) Not null Number of zero plus calls (0+ collect, billed to third, etc.) completed
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	FREE FEATURE GRP B COUNT Optional 1 Numeric (9,0) Not null Number of Feature Group B calls completed. Will include all Feature Group B calls counted above plus any additional calls where a call type could not be assigned.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	DIRECTORY ASSIST CALL COUNT Optional 1 Numeric (9,0) Not null Number of directory assistance calls completed (LEC for Intra-Lata and PIC for Inter-Lata)
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOTAL CALL DURATION Optional 1 Numeric (8,0) Not null Total call duration for all completed calls for this record (in seconds)

3-116 ARC_TCREMTH (Archive Expanded Summary Carrier Call Statistics)

Name:	TOTAL INSERT MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Includes calling and commercial credit cards - Does not include Smart card.
Name:	TOTAL MANUAL MODE CALLS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Card number input via keypad (Intra-Lata calls only).
Name:	SPARE COUNTER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0)
Default:	Not null
Description:	Spare counter.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TERM (Archive Terminal)

Description:

This table contains information specific to each terminal. It contains fields from the Terminal Information, Terminal Control and Terminal Status records on the production database. Only installed terminals and installed terminals which have been deleted from the production database are archived to this table.

The installation date is included in the key so that, if a Terminal ID is reused after being deleted from production, the information for the deleted terminal will not be lost. The installation date may also be used to determine which of the other related records in other tables correspond to each iteration of the same Terminal ID.

Estimated Volume: 100,000

Primary Key: **Terminal ID**
Install Date

Record length: **614**

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999 (10 digits)
Description:	This is the telephone number of the terminal.

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)

3-118 ARC_TERM (Archive Terminal)

Default:	No default not null
Comments:	Must exist on Telco table.
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Comments:	With Telco ID, must exist on Region table.
Description:	
Name:	INSTALL DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal first contacted the Millennium Manager, in the terminal local time.
Name:	DEACTIVATED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Indicates whether or not the terminal has been deactivated. If the terminal is deactivated, a corresponding record for the terminal will exist on the Deactivated Terminal table.

Name:	DEACTIVATED DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal was deactivated, in Millennium Manager local time.
Name:	DELETION DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal (and all related information) will be deleted from the Millennium Manager, in Millennium Manager local time.
Name:	LAST CALLED IN DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal last contacted the Millennium Manager for a scheduled call-in, in the terminal's local time.
Name:	LAST CALLED IN TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HMMSS
Range:	000000 - 235959

3-120 ARC_TERM (Archive Terminal)

Comments:	Must have a valid Time format.
Description:	Time at which the terminal last contacted the Millennium Manager for a scheduled call-in, in the terminal local time.
Name:	SERIAL NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (10,0) signed
Default:	Not null
Comments:	The current Serial Number is stored on the Terminal Status table.
Description:	
Name:	TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Comments:	The current Terminal Type is stored on the corresponding Terminal Control record for this terminal.
Description:	
Name:	PREVIOUS TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Comments:	The current Terminal Type is stored on the corresponding Terminal Control record for this terminal.
Description:	

Name:	CAD ID
Mand/Opt'l:	Optional
Data type:	Numeric (10,0)
Default	0 not null
Range:	0-4,294,967,295
Description:	Unique identifier for SAM. Fields will be stored in the Millennium Manager database as a character string that will contain Hex values, with each 2 characters being packed into a single Hex byte (range 00 - FF) by the Millennium Manager. The constraint that this field be between the values of 0 and 4,294,967,295 is enforced on the Terminal Information screen (TBTI) since this field is a character, Numeric (10,0), field.
Name:	CPE ID
Mand/Opt'l:	Optional
Data type:	PIC X(8)
Default	0 not null
Description:	Every ADSI phone is assigned a unique CPE ID. Fields will be stored in the Millennium Manager database as a character string that will contain Hex values, with each 2 characters being packed into a single Hex byte (range 00 - FF) by the Millennium Manager.
Name:	SMART CITY ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	SYSTEM not null
Format:	
Description:	Note: The Smartcity ID and Proton ID were split from the Spare 1 field.

3-122 ARC_TERM (Archive Terminal)

Name:	PROTON ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Note: The Smartcity ID and Proton ID were split from the Spare 1 field.
Name:	PRIMARY NCC NO
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null
Description:	The Primary Millennium Manager number that will be dialed by the terminal to reach the Millennium Manager.
Description:	
Name:	TIME AREA
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Comments:	Must exist on Time Area table.
Description:	
Name:	PERIODIC CALL IN START DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal should begin its scheduled call-ins, in the terminal's local time.

Name:	IN OUT IND
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(1)
Default:	No default not null
Values:	"0" Outdoor "1" Indoor
Description:	
Name:	CLASS OF SERV
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(5)
Default:	No default not null
Description:	
Name:	VOUCHER ACC CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(7)
Default:	Not null
Description:	Company-assigned code to identify accounts with monthly voucher accounting.
Name:	SALESPERSON CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(7)
Default:	No default not null
Format:	Digit 1 Company (State) 2 Area 3 Division 4 District 5 Marketing Manager 6-7 Salesperson

3-124 ARC_TERM (Archive Terminal)

Range:	1000000 - 9999999 (7 digits)
Description:	
Name:	RAO CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	'Revenue Accounting Office' within a Coin Centre
Name:	CUSTOMER CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	
Name:	SIC CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(5)
Default:	No default not null
Description:	Provides for identification and classification according to the nature of business activity.
Name:	LOCATION GRP CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	Digit 1-2 Floor 3-6 Bank or Group
Description:	

Name:	BASEMENT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Entered with Location Group Code to indicate a floor below ground level.
Name:	LOCATION TEXT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(40)
Default:	Not null
Description:	Precise location of terminal.
Name:	CONTACT NAME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Description:	Name of the person or organization responsible for the terminal.
Name:	ADDR LINE 1
Mand/Opt'l:	Mandatory (first occurrence only)
Occurrences:	1
Data type:	PIC X(40)
Default:	No default not null
Description:	
Name:	ADDR LINE (2-3)
Mand/Opt'l:	Mandatory (first occurrence only)
Occurrences:	2
Data type:	PIC X(40)

3-126 ARC_TERM (Archive Terminal)

Default:	Not null
Description:	
Name:	POLICY IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(1)
Default:	Not null
Description:	
Name:	ROUTE NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	Not null
Description:	
Name:	STOP NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(4)
Default:	Not null
Name:	SPARE 1
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(44)
Default:	0 not null
Description:	For future use. This field is mapped to Spare 1 and Spare 2 in the Terminal Personalization Table.
Name:	SPARE 2
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(100)
Default:	0 not null

Description:	For future use. This field is mapped to Spare 3 and Spare 4 in the Terminal Personalization Table.
Name:	SPARE 3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(100)
Default:	0 not null
Description:	For future use. This field is mapped to Spare 5 and Spare 6 in the Terminal Personalization Table.

ARC_TERMGROUP (Archive Terminal Group)

Description:

This table identifies the groups to which each terminal has been assigned. If the terminal was removed from a group in the production database, the association will remain in this table to provide a history of the groups to which that terminal belonged.

Estimated Volume: 20,000 / Group

Primary Key:

- Telco ID
- Region Code
- Group ID
- Terminal ID

Record Length:

Fields:

Name:	TELCO ID
Mand/Opt'l:	Mandatory
Occurrences:	1

3-128 ARC_TERMGRP (Archive Terminal Group)

Data type:	PIC X(2)
Default:	No default not null
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.
Name:	GROUP ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(6)
Default:	No default not null
Description:	Retrieved from Terminal Group table.
Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Description:	This is the telephone number of the terminal

ARC_TERMTRC (Archive Terminal Trace)

Description:

This table contains a history of all terminal ID cutovers – that is, all terminal ID changes. Only completed cutovers are archived to this table – pending cutovers are not archived.

The first time a terminal ID cutover occurs, two records are added to this table. The first record, with Sequence No. One, contains the original terminal ID of the terminal. The second record, Sequence No. Two, contains the new terminal ID. When the next cutover occurs, a third record will be added, containing the new terminal ID. The record with the highest sequence number in a series always identifies the current terminal ID for a terminal.

Estimated Volume: 1000

Primary Key:

Term Trace Num
Sequence Index

Record length: 49

Alternate Key

Terminal ID
Cutover Date (Descending)
Cutover Time (Descending)

Index ARC_TERMTRC0

Terminal ID
Cutover Date (Descending)
Cutover Time (Descending)

3-130 ARC_TERMTRC (Archive Terminal Trace)

Fields:

Name:	TERM TRACE NUM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(18)
Default:	No default not null
Description:	Retrieved from Terminal Trace table.
Name:	SEQUENCE INDEX
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	NUMERIC (4,0) unsigned
Default:	No default not null
Description:	Retrieved from Terminal Trace table.
Name:	TERMINAL ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Description:	This is the telephone number of the terminal.
Name:	TELCO ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	No default not null
Description:	Identifies the Telco for this record.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.

Name:	CUTOVER DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Retrieved from Terminal Trace table.
Name:	CUTOVER TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	<= 235959
Description:	Retrieved from Terminal Trace table.

ARC_TICDR (Archive Terminal Inmate Call Detail)

Description:

This table contains the call detail records (CDRs) received from the Inmate terminals. All call detail records contain a sequence number generated by the inmate terminal which is unique to each call attempt.

Primary Key:

Terminal ID
Starting Date
Start Time
Sequence No

Record length: 158

3-132 ARC_TICDR (Archive Terminal Inmate Call Detail)

Alternate Key:

Terminal ID
Received Dt
Received Tm

Index: ARC_TICDR0

TERMINAL ID
RECEIVED DT
RECEIVED TM

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the CDR record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.

Description:	Time at which the CDR record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	TRANSMIT MSA DT
Mand/Opt'l:	Optional
Data type:	PIC 9(8)
Default:	0 not null
Format:	YYYYMMDD
Description:	
Name:	TRANSMIT MSA TM
Mand/Opt'l:	Optional
Data type:	PIC 9(6)
Default:	0 not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	
Name:	TRANSMITTED IND
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	
Name:	INTERNATIONAL CALL IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Values:	0 No 1 Yes
Description:	Indicates whether the call was an international call.

3-134 ARC_TICDR (Archive Terminal Inmate Call Detail)

Name:	REP DIALER CALL
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No 1 Yes
Description:	Indicates whether the call was a repertory dialer call.
Name:	SMART CARD FLAG
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	This indicates that a smart card was used. This field was introduced in MSR 1.6, when there was no payment type to indicate a smart card was used. It is obsolete now, and will probably be removed in a future system release.
Name:	CARD SPILL OCCURRED
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	Indicates that the card number was sent to the network.
Name:	MANUALLY DIALED CARD NUMBER
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	“0” No “1” Yes
Description:	

Name:	FEATURE GROUP B
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Description:	Feature Group B is a category of free access to the carrier network. It usually uses 1-800 or 950xxx.
Name:	SPARE FLAG 6
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	Not null
Description:	
Name:	CALLED TELEPHONE NO
Mand/Opt'l:	Mandatory
Data type:	PIC X(20)
Default:	Not null
Description:	This field contains the called number for non-summary records. Starting with MTR 1.9 terminals, this field contains a peg count of MDS calls for summary local smart card calls.
Name:	CARRIER XREF NUMBER
Mand/Opt'l:	Optional
Data type:	Numeric (3,0) unsigned
Default:	Not null
Range:	0 - 255
Comments:	Must exist on the Carrier Cross Reference table.
Description:	
Name:	CARD NUMBER
Mand/Opt'l:	Optional
Data type:	PIC X(20)
Default:	Spaces not null
Description:	

3-136 ARC_TICDR (Archive Terminal Inmate Call Detail)

Name:	AMOUNT CHARGED
Mand/Opt'l:	Optional
Data type:	Numeric (9.2) unsigned
Default:	0 not null
Units:	Dollars and cents
Description:	
Name:	AMOUNT COLLECTED
Mand/Opt'l:	Optional
Data type:	Numeric (9.2) unsigned
Default:	0 not null
Units:	Dollars and cents
Description:	This field supports the zero-value smart card feature, where a smart card with less than the value of a local call, can be used for one call to zero-out the card. <ul style="list-style-type: none">• For local individual smart card CDRs, this field amount may be less than the amount charged.• For summary smart card CDRs this amount (collected value) would be less than the peg count times the local rate (expected value).• For summary local CDRs, this field contains a peg count for the number of calls.
Name:	SEQUENCE NO
Mand/Opt'l:	Mandatory
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	A unique number generated by the terminal.
Name:	STARTING DATE
Mand/Opt'l:	
Data type:	PIC 9(8)
Default:	Not null
Format:	

Description:	Date on which this call began, using a four-digit year.
Name:	START TIME
Mand/Opt'l:	Mandatory
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the call began, in the terminal's local time.
Name:	CALL DURATION
Mand/Opt'l:	Optional
Data type:	PIC 9(6)
Default:	Not null
Format:	HHMMSS
Comments:	Must have a valid Time format.
Description:	
Name:	CD CALL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(3)
Default:	0 not null
Values:	Refer to CD Call Type in table TCDR
Range:	0 - 255
Description:	

3-138 ARC_TICDR (Archive Terminal Inmate Call Detail)

Name:	PAYMENT TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(2)
Default:	0 not null
Values:	Refer to Payment Type in table TCDR.
Comments:	Remaining entries unused.
Range:	0 - 15
Description:	
Name:	CA NOT AVAILABLE IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	0 not null
Values:	0 No (Authorized Call) 1 Yes (Authorization not available)
Description:	Card Authorization Not Available.
Name:	POWER FAIL IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	Not null
Values:	0 No (Normal power) 1 Yes (Power failure)
Range:	0 - 15
Description:	
Name:	FOLLOW ON CALL IND
Mand/Opt'l:	Optional
Data type:	PIC 9(1)
Default:	0 not null
Values:	0 No 1 Yes
Description:	This indicates a call made using the Next Call button,

Name:	AUTHORIZATION RESPONSE CD
Mand/Opt'l:	Optional
Data type:	PIC X(8)
Default:	Not null
Description:	
Name:	FLAGS BIT 0
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Used to support 10XXX Dialed by User field.
Name:	FLAGS BIT 1
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	Summary Local Smart Card Indicator
Name:	MULTIPLE SMART CARDS USED
Mand/Opt'l:	Optional
Data type:	PIC X(1)
Default:	0 not null
Values:	"0" No "1" Yes
Description:	

3-140 ARC_TICDR (Archive Terminal Inmate Call Detail)

Name:	CARRIER PREFIX	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	“0”	No
	“1”	Yes
Description:	Used to support 0 Prefix Dialed by User field in Flags Bit 3. This is a number the terminal uses to determine what a carrier number is (950, 10xxx, and so on).	
Name:	ZERO ONE ADDED OR CONVERTED	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	“0”	No
	“1”	Yes
Description:	Used to support 1 Prefix Dialed by User field in Flags Bit 4.	
Name:	POST MSR16 CDR	
Mand/Opt'l:	Optional	
Data type:	PIC X(1)	
Default:	0 not null	
Values:	“0”	No
	“1”	Yes
Description:		

Name:	CARD REF NO	
Mand/Opt'l:	Optional	
Data type:	PIC 9(3)	
Default:	255 not null	
Range:	0 - 255	
Comments:	The value of zero will be reserved for the coin call.	
Description:	Indicates the unique identifier value assigned in the CARD Table to the Card.	
Name:	CALL DISPOSITION	
Mand/Opt'l:	Optional	
Data type:	Numeric (3,0) unsigned	
Default:	Not null	
Range:	0 - 255	
Values:	0 Accept 1 - 127 Reject 128 - 255 Accept	
Description:	These codes are defined in the Card Authorization server parameters and are configurable by the system manager. Indicates the result of the card authorization request.	
Name:	REGION CODE	
Mand/Opt'l:	Mandatory	
Data type:	PIC X(3)	
Default:	No default not null	
Description:	Identifies the Region under which this record was created.	

3-142 ARC_TICDR (Archive Terminal Inmate Call Detail)

Name:	CALL DURATION SEC
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (6,0) unsigned
Default:	0 not null
Description:	Stores the duration of the call in seconds

ARC_TMDSSST (Archive Terminal Message Delivery Service Statistics)

Description:

This table contains the Message Delivery Service Statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. The records contain statistical information for all calls.

Primary Key:

Terminal ID
Summary Period Start Date
Summary Period Start Time

Record length: 256

Index: ARC_TMDSSST0

By: TERMINAL ID,
RECEIVED DT,
RECEIVED TM

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null

3-144 ARC_TMDSSST (Archive Terminal Message Delivery Service Statistics)

Format:	YYYYMMDD
Description:	Date on which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DATE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Message Delivery Service Statistics, in the terminal local time.
Name:	SUMMARY PERIOD START TIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	No default not null
Format:	HHMMSS
Description:	Time on which the terminal began recording Message Delivery Service Statistics, in the terminal local time.

Name:	SUMMARY PERIOD STOP DATE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	Not null
Format:	YYYYMMDD
Description:	Date on which the terminal stopped recording Message Delivery Service Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP TIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	Not null
Format:	HMMSS
Description:	Time on which the terminal stopped recording Message Delivery Service Statistics, in the terminal local time.
Name:	RNA LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were RNA.
Name:	RNA INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Description:	intra-lata calls that were RNA.

3-146 ARC_TMDSS (Archive Terminal Message Delivery Service Statistics)

Name:	RNA INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Inter-lata calls that were RNA.
Name:	RNA INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Description:	International calls that were RNA.
Name:	BUSY LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were busy.
Name:	BUSY INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	intra-lata calls that were busy.
Name:	BUSY INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Inter-lata calls that were busy.

Name:	BUSY INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	International calls that were busy.
Name:	SELECTED RNA LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were RNA when MDS was selected.
Name:	SELECTED RNA INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	intralata calls that were RNA when MDS was selected.
Name:	SELECTED RNA INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Inter-lata calls that were RNA when MDS was selected.
Name:	SELECTED RNA INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null

3-148 ARC_TMDSSST (Archive Terminal Message Delivery Service Statistics)

Description:	International calls that were RNA when MDS was selected.
Name:	SELECTED BUSY LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Local calls that were BUSY when MDS was selected.
Name:	SELECTED BUSY INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	intralata calls that were BUSY when MDS was selected.
Name:	SELECTED BUSY INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Inter-lata calls that were BUSY and MDS was selected.
Name:	SELECTED BUSY INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	International that calls were BUSY and MDS was selected.

Name:	ABANDONED LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected local calls that aborted.
Name:	ABANDONED INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected intra-lata calls that aborted.
Name:	ABANDONED INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected inter-lata calls that aborted.
Name:	ABANDONED INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected international calls that aborted.
Name:	ACCESSED LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Selected MDS local calls that went to the MDS offer of service.

3-150 ARC_TMDSS (Archive Terminal Message Delivery Service Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ACCESSED INTRALATA Optional 1 Numeric (5,0) unsigned Not null Selected MDS intra-lata calls that went to the MDS offer of service.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ACCESSED INTERLATA Optional 1 Numeric (5,0) unsigned Not null Selected MDS inter-lata calls that went to the MDS offer of service.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	ACCESSED INTERNATIONAL Optional 1 Numeric (5,0) unsigned Not null Selected MDS international calls that went to the MDS offer of service.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	COIN DI LOCAL Optional 1 Numeric (5,0) unsigned Not null Coin direct plus intentional local MDS calls.
Name: Mand/Opt'l: Occurrences: Data type: Default:	COIN DI INTRALATA Optional 1 Numeric (5,0) unsigned Not null

Description:	Coin direct plus intentional intra-lata MDS calls.
Name:	COIN DI INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Coin direct plus intentional inter-lata MDS calls.
Name:	COIN DI INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Coin direct plus intentional international MDS calls.
Name:	CARD DI LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional local MDS calls.
Name:	CARD DI INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional intra-lata MDS calls.
Name:	CARD DI INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional inter-lata MDS calls.

3-152 ARC_TMDSS (Archive Terminal Message Delivery Service Statistics)

Name:	CARD DI INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Card direct plus intentional international MDS calls.
Name:	SMART CARD DI LOCAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Smart direct plus intentional local MDS calls.
Name:	SMART CARD DI INTRALATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Smart direct plus intentional intra-lata MDS calls.
Name:	SMART CARD DI INTERLATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Smart direct plus intentional inter-lata MDS calls.
Name:	SMART CARD DI INTERNATIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Smart direct plus intentional international MDS calls.

Name:	COIN INTENTIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Intentional coin MDS calls.
Name:	CARD INTENTIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Intentional card MDS calls.
Name:	SMART CARD INTENTIONAL
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	Intentional smart card MDS calls.
Name:	SPARE (1 - 10)
Mand/Opt'l:	Optional
Occurrences:	10
Data type:	Numeric (5,0) unsigned
Default:	Not null
Description:	For future use
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	Not null
Description:	Identifies the Region under which this record was created.

ARC_TMONDEX

(Archive Mondex Deposit Record)

Estimated Volume:

Primary Key:

Terminal ID
Deposit Datetime
Sequence Numbers

Record length: 146

Alternate Key:

Telco ID
Deposit Datetime
Archive Ind

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Datetime year to second
Default:	SYSTEM not null
Description:	Date and time when the MONDEX deposit record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	PURSE ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20,0)
Default:	No default not null
Description:	Unique identifier of the Terminal EPM (Electronic Purse Module). The deposit server verifies this code before allowing the terminal to make a deposit.
Name:	PURSE CLASS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Range:	0 - 255
Description:	Classification of the terminal EPM, which entails certain levels of restrictions applied to the EPM. It is set by the manufacturer of the EPM.
Name:	PURSE PARAMETERS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Range:	0 - 255
Description:	Returned by the terminal as part of the response to the ADSI STA: Card Details Request command. The last 4 bits of this field are the Purse Provider Options of which the least significant bit is encoded as follows: 0 - non-linkable card 1 - linkable card

3-156 ARC_TMONDEX (Archive Mondex Deposit Record)

Name:	PURSE NARRATIVE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(12)
Default:	No default not null
Description:	This field is used to identify the purse ownership to the other system users. Each purse narrative will be coded in the character set specified by the narrative character set indicator. Typically, it contains the text encoded in the terminal EPM, providing a general description about the EPM.
Name:	TERM EPM REP DATETIME
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	DATETIME YEAR TO SECOND
Default:	SYSTEM NOT NULL
Description:	The date after which the purse application may be prevented by an IFD from operating. It is returned by the terminal as part of the response to the ADSI STA: Card Details Request command – that is, the expiry date of the terminal's EPM. It is encoded as follows: year (1992 - 9999)- 2 bytes month (1-12) 1 byte day (1-31) 1 byte
Description:	Returned by the terminal as part of the response to the ADSI STA: Card Details Request command. The last 4 bits of this field are the Purse Provider Options of which the least significant bit is encoded as follows: 0 - non-linkable card 1 - linkable card

Name:	AMOUNT DEPOSITED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (10,2)
Default:	No default not null
Description:	Dollar amount of the deposit made by the terminal.
Name:	CURRENCY TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Type of currency of the deposit.
Name:	DEPOSIT DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	DATETIME YEAR TO SECOND
Default:	SYSTEM not null
Description:	Mondex deposit date and time in the deposit server local time.
Name:	TEL NUM DEPOSIT SERVER
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (12,0)
Default:	No default not null
Description:	The telephone number of the deposit server which the terminal calls to make a deposit.
Name:	COUNT PARTY PURSE ID
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(20)
Default:	No default not null

3-158 ARC_TMONDEX (Archive Mondex Deposit Record)

Description:	The identifier for the “other” purse in a payment (as seen by the purse receiving the data element).
Name:	COUNT PARTY PURSE CLASS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Range:	0 - 255
Description:	Classification of the deposit server EPM, which entails certain levels of restrictions applied to the EPM. It is set by the manufacturer of the EPM.
Name:	COUNT PARTY PURSE PARAM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Range:	0 - 255
Description:	
Name:	COUNT PARTY PURSE NARTV
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(12)
Default:	No default not null
Description:	Typically, it contains the text encoded in the deposit server EPM, providing a general description about the EPM. See PURSE NARRATIVE.
Name:	COLLECTION MSG STATUS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (3,0)
Default:	No default not null
Values:	0 to 255

Description:	A merged collection record can occur if the terminal has made a successful deposit to the collection server, but has been unable to upload the record to the Millennium Manager prior to another successful deposit to the collection server. A merged record will contain the data from the second collection record except for the amount deposited which will be a combined amount. It is possible to have multiple deposit records merged into a single record.(Currently not used)
Name:	SEQUENCE NUMBERS
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (5,0)
Default:	No default not null
Range:	0 - 65,535
Description:	The combination of terminal ID, ID, deposit date / time and sequence number will ensure the record is unique. Together with the Purse ID, this field is used to make each payment transaction unique. The sequence number of a payment transaction will always be larger than the sequence number of the previous payment transaction.
Name:	SPARE 1-5
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	No default not null
Range:	0 - 255
Description:	For future use
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1

3-160 ARC_TOPCODE (Archive Terminal Op Code)

Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.

ARC_TOPCODE (Archive Terminal Op Code)

Description:

This table contains the Maintenance Action reports/requests received from the terminal.

Estimated Volume: 1 / Terminal / Month

Primary Key:

Terminal ID
Received DT
Received TM
Op CODE

Record length: 39

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Operation Code message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	OP CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Description:	The Maintenance request code.
Name:	PIN
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(5)
Default:	No default not null
Description:	The PIN number of the authorized repair person who requested the maintenance.

3-162 ARC_TOPYTD (Archive Terminal Op Code YTD)

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.

ARC_TOPYTD (Archive Terminal Op Code YTD)

Description:

This table contains a summary of the type and number of maintenance requests generated by an authorized repair person. The count is represented on a yearly basis.

Estimated Volume: 24 / Terminal / Year

Primary Key:

Terminal ID
Op Code YEAR
Op CODE
Region CODE

Record length: 28

Alternate Key:

Telco ID
Op Code Year
Op Code Mnth
Archive Ind

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	OP CODE YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Indicates the year for which the maintenance request was recorded.
Name:	OP CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	Numeric (4,0) unsigned
Default:	No default not null
Description:	The Maintenance request code.
Name:	OP CODE CNT 1-12
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	The total number of this type of Maintenance request code received in one month.

3-164 ARC_TPERFST (Archive Terminal Performance Stats)

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TPERFST (Archive Terminal Performance Stats)

Description:

This table contains the Performance Statistics recorded by each terminal and uploaded to the Millennium Manager during its scheduled call-in. Statistics are maintained on network and terminal performance.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Summary Period Start Dt
Summary Period StopTm

Record length: 232

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Performance Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Performance Statistics record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	SUMMARY PERIOD START DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal began recording Performance Statistics, in the terminal local time.
Name:	SUMMARY PERIOD START TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null

3-166 ARC_TPERFST (Archive Terminal Performance Stats)

Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal began recording Performance Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP DT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(8)
Default:	SYSTEM not null
Format:	YYYYMMDD
Description:	Date on which the terminal finished recording Performance Statistics, in the terminal local time.
Name:	SUMMARY PERIOD STOP TM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(6)
Default:	SYSTEM not null
Format:	HHMMSS
Range:	000000 - 235959
Comments:	Must have a valid Time format.
Description:	Time at which the terminal finished recording Performance Statistics, in the terminal local time.
Name:	CALL ATTEMPTS CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	Indicates the number of call attempts that were made at the terminal during the summary period.

Name:	BUSY SIGNAL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls receiving a busy signal.
Name:	CALL CLEARED NO DATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls that are cleared before data is transferred.
Name:	NO CARRIER DETECT CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls where carrier was not detected from Millennium Manager (or PSN) modem.
Name:	CO ACCESS TO DIAL CNT (1-7)
Mand/Opt'l:	Optional
Occurrences:	7
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	
Name:	DIAL TO CARRIER CNT (1-7)
Mand/Opt'l:	Optional
Occurrences:	7
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null

3-168 ARC_TPERFST (Archive Terminal Performance Stats)

Description:	Number of calls attempted by the terminal to the carrier.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARRIER TO 1ST PACKET CNT (1-7) Optional 7 Numeric (5,0) unsigned SYSTEM not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	USER WAIT TO EXPECT INFO CNT (1-7) Optional 7 Numeric (5,0) UNSGINED SYSTEM not null
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	TOTAL DIALOGS FAILED Optional 1 Numeric (5,0) unsigned SYSTEM not null Total number of dialogs that failed in the callin.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NO PACKET RCVD ERRORS Optional 1 Numeric (5,0) unsigned SYSTEM not null Number of packet errors received from the terminal.
Name: Mand/Opt'l: Occurrences: Data type: Default:	NO PACKET RETRIES RCVD Optional 1 Numeric (5,0) unsigned SYSTEM not null

Description:	Number of times the terminal tried to re-send a packet.
Name:	INACTIVITY COUNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	Number of timeouts due to no response.
Name:	RETRY LIMIT OUT OF SERVICE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	Number of times out-of-service after reaching limit.
Name:	CARD AUTH TIMEOUTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	Number of times a Card Authorization request timed out.
Name:	RATE REQUEST TIMEOUTS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	Number of times a Coin Rate request timed out.
Name:	NO DIAL TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned

3-170 ARC_TPFYTD (Archive Terminal Performance Stats YTD)

Default:	SYSTEM not null
Description:	The number of data calls where No Dial Tone was detected.
Name:	SPARE 1-3
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (5,0) unsigned
Default:	SYSTEM not null
Description:	For future use by terminal.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.

ARC_TPFYTD (Archive Terminal Performance Stats YTD)

Description:

This table contains a summary of the performance statistics generated by the terminals. The count is represented on a month-by-month basis.

Estimated Volume: 120 / Terminal / Year

Primary Key:

Terminal ID
Perf Stats Year
Perf Stats Mnth
Region Code

Record length: 182

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.
Name:	PERF STATS YEAR
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(4)
Default:	No default not null
Format:	YYYY
Description:	Indicates the year for which the performance statistics from the terminal were recorded.
Name:	PERF STATS MNTH
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(2)
Default:	No default not null
Format:	MM
Description:	Indicates the month for which the performance statistics from the terminal were recorded.
Name:	CALL ATTEMPTS CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null

3-172 ARC_TPFYTD (Archive Terminal Performance Stats YTD)

Description:	Indicates the number of call attempts that were made at the terminal during the year and month as indicated in the PERF STATS YEAR and PERF STATS MNTH fields.
Name:	BUSY SIGNAL CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls receiving a busy signal.
Name:	CALL CLEARED NO DATA
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls that are cleared before data is transferred.
Name:	NO CARRIER DETECT CNT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	The number of data calls where carrier was not detected from Millennium Manager (or PSN) modem.
Name:	CO ACCESS TO DIAL CNT (1-7)
Mand/Opt'l:	Optional
Occurrences:	7
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	

Name:	DIAL TO CARRIER CNT (1-7)
Mand/Opt'l:	Optional
Occurrences:	7
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	Number of calls attempted by the terminal to the carrier.
Name:	CARRIER TO 1ST PACKET CNT (1-7)
Mand/Opt'l:	Optional
Occurrences:	7
Data type:	Numeric (9,0) unsigned
Default:	SYSTEM not null
Description:	
Name:	USER WAIT TO EXPECT INFO CNT (1-7)
Mand/Opt'l:	Optional
Occurrences:	7
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	
Name:	TOTAL DIALOGS FAILED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	Total number of dialogs that failed in the terminal callin.
Name:	NO PACKET RCVD ERRORS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	Number of packet errors received from terminal.

3-174 ARC_TPFYTD (Archive Terminal Performance Stats YTD)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	NO PACKET RETRIES RCVD Optional 1 Numeric (9,0) unsigned Not null Number of times the terminal tried to re-send a packet.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	INACTIVITY COUNT Optional 1 Numeric (9,0) unsigned Not null Number of timeouts due to no response.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	RETRY LIMIT OUT OF SERVICE Optional 1 Numeric (9,0) unsigned Not null Number of times out-of-service after reaching limit.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CARD AUTH TIMEOUTS Optional 1 Numeric (9,0) unsigned Not null Number of times a Card Authorization request timed out.
Name: Mand/Opt'l: Occurrences: Data type: Default:	RATE REQUEST TIMEOUTS Optional 1 Numeric (9,0) unsigned Not null

Description:	Number of times a Coin Rate request timed out.
Name:	NO DIAL TONE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (9,0) unsigned
Default:	Not null
Description:	The number of data calls where No Dial Tone was detected.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region for this record.

ARC_TSTATUS (Archive Terminal Status)

Description:

This table contains the status messages generated by each terminal and may be uploaded to the Millennium Manager during several of its dialogues.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID

Received Dt (Descending)

Received Tm (Descending)

Record length: 80

3-176 ARC_TSTATUS (Archive Terminal Status)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Description:	Retrieved from Terminal Status table.
Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Retrieved from Terminal Status table.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Description:	Retrieved from Terminal Status table.
Name:	SERIAL NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (10,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	HANDSET DISCONT IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null

Description:	Retrieved from Terminal Status table.
Name:	TELEPHONY STATUS IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	EPM SAM NOT RESPONDING
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	"0" No "1" Yes
Description:	
Name:	EPM SAM LOCKED OUT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 3 when set, indicates that the EPM/SAM is locked out.
Name:	EPM SAM EXPIRED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
VDefault:	Not null
Values:	
Description:	Alarm code 4, when set, indicates that the EPM/SAM has expired.

3-178 ARC_TSTATUS (Archive Terminal Status)

Name:	EPM SAM REACHING TRANS LIMIT
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 5, when set, indicates that the EPM/SAM has reached the transaction limit.
Name:	UNABLE REACH PRIM COL SYS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 6, when set, indicates that the terminal has been unable to connect to the primary collection system.
Name:	TELEPHONY STATUS BIT 7
Mand/Opt'l:	
Occurrences:	
Data type:	PIC 9(1)
Data type:	0 not null
Description:	Bit 7 of the telephony status. For future use.
Name:	POWER FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.

Name:	DISPLAY RESPONSE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	VOICE SYNTHESIS RESPONSE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	UNABLE REACH SECOND COL SYS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 11, when set, indicates that the terminal has been unable to connect to the secondary collection system.
Name:	CARD READER BLOCKED ALARM
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	
Description:	Alarm code 12, when set, indicates that the card reader is blocked.

3-180 ARC_TSTATUS (Archive Terminal Status)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	MANDATORY TABLE ALARM
	PIC 9(1) 0 not null Bit 5 of the Control Hardware Status byte.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CTRL HW STATUS BIT 6
	PIC 9(1) 0 not null Bit 6 of the Control Hardware Status byte. For future use.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CTRL HW STATUS BIT 7
	PIC 9(1) 0 not null Bit 7 of the Control Hardware Status byte. For future use.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	CDR CHECKSUM ERR IND
	Optional 1 PIC 9(1) Not null Retrieved from Terminal Status table.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	STATISTICS CHECKSUM ERR IND
	Optional 1 PIC 9(1) Not null Retrieved from Terminal Status table.

Name:	TERMINAL TBL CHECKSUM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	OTHER DATA CHECKSUM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CDR LIST FULL ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	BAD EEPROM ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	MEMORY LOST ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.

3-182 ARC_TSTATUS (Archive Terminal Status)

Name:	MEMORY BAD ERR IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	ACCESS COVER IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	KEY MATRIX MALFUNC IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	SET REMOVAL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	THRESHOLD MET EXCEEDED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.

Name:	CASH BOX COVER OPEN IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CASH BOX REMOVED IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	COIN BOX FULL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	COIN JAM COIN CHUTE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	ESCROW JAM IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.

3-184 ARC_TSTATUS (Archive Terminal Status)

Name:	VAL HARDWARE FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CO LINE CHECK FAIL IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	DIALOG FAILURE IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	CASH BOX ELECTRONIC LOCK IND
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Retrieved from Terminal Status table.
Name:	DIALOG FAILURE WITH COL SYS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Values:	

Description:	Alarm code 37, when set, indicates that there has been a failure in dialog between the terminal and the collection system.
Name:	CODE SERVER CONNECTION FAILURE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	Not null
Description:	Alarm code 38 is generated by terminals supporting code download. It occurs if a terminal fails to connect to the code server for a firmware upgrade. This alarm is generated when the alarm threshold in the Code Download table is met.
Name:	CODE SERVER ABORTED
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC 9(1)
Default:	No default not null
Description:	Alarm code 39 is generated by the MIT terminal type to indicate that the PC is not responding.
Name:	REGION CODE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Retrieved from Terminal Status table.

ARC_TSWVERS (Archive Terminal Software Version)

Description:

This table contains the terminal software version messages received from the terminal.

Estimated Volume: 1 / Terminal**Primary Key:**

Terminal ID

Effective Dt (Descending)

Effective Tm (Descending)

Record length: 62**Fields:**

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

Name:	EFFECTIVE DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Terminal Software Version record was received by the Millennium Manager, in the Millennium Manager local time.

Name:	EFFECTIVE TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Description:	Time at which the Terminal Software Version record was received by the Millennium Manager, in the Millennium Manager local time.
Name:	CONTROL ROM EDITION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(7)
Default:	Not null
Description:	
Name:	CONTROL VERSION NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(4)
Default:	Not null
Description:	
Name:	TELEPHONY ROM EDITION
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(7)
Default:	Not null
Description:	
Name:	TELEPHONY VERSION NO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(4)

3-188 ARC_TSWVERS (Archive Terminal Software Version)

Default:	Not null
Description:	
Name:	FEATURE TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Description:	Retrieved from Terminal Software Version table.
Name:	TERMINAL TYPE
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Comments:	Should Correspond to the Terminal Type which is on the Terminal Control table.
Description:	Numeric value assigned to terminals to distinguish them from other versions of terminals.
Name:	VALIDATOR SOFTWARE VERS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Description:	
Name:	VALIDATOR HARDWARE VERS
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	PIC X(2)
Default:	Not null
Description:	

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TTBLREQ (Archive Terminal Table Request)

Description:

This table contains a record of each request by a terminal that its tables be downloaded.

Estimated Volume: 1 / Terminal / Month

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 34

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

3-190 ARC_TTBLREQ (Archive Terminal Table Request)

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Table Download Request was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HHMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Table Download Request was received by the Millennium Manager, in the Millennium Manager local time.
Name:	ATTENTION REASON INFO
Mand/Opt'l:	Optional
Occurrences:	1
Data type:	Numeric (3,0) unsigned
Default:	Not null
Values:	01H Menu Item - Craft I/F Table Download 02H Install via Craft I/F 04H Lost Memory 08H Power Lost on Download 80H Cash Box Status Requested
Comments:	This is a bit field, with each bit position representing one of the above conditions. More than one bit can be set simultaneously.

Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TTMSYNC (Archive Terminal Time Synchronization)

Description:

This table contains a record of each request for a time synchronization the Millennium Manager received from a terminal.

Estimated Volume: 1 / Terminal / Day

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 32

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC S9(10)
Default:	No default not null
Format:	NPA-NXX-LINE
Range:	1000000000 - 9999999999
Description:	This is the telephone number of the terminal.

3-192 ARC_TTMSYNC (Archive Terminal Time Synchronization)

Name:	RECEIVED DT
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	YYYYMMDD
Description:	Date on which the Time Synchronization message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	RECEIVED TM
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC 9(8)
Default:	No default not null
Format:	HMMSSCC
Range:	00000000 - 23595999
Comments:	Must have a valid Time format.
Description:	Time at which the Time Synchronization message was received by the Millennium Manager, in the Millennium Manager local time.
Name:	REGION CODE
Mand/Opt'l:	Mandatory
Occurrences:	1
Data type:	PIC X(3)
Default:	No default not null

ARC_TSCRMTH (Archive Screen Usage Month-to-Date)

Description:

This table contains month-to-date totals by terminal ID/screen number in the TSCRUSG table.

Estimated volume:**Primary Key:**

Terminal ID
Screen Number
Screen Usage Year
Screen Usage Mnth
Region Code

Record length: 80

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC S9(10)
Default:	No default not null
Description:	The terminal from which the statistics were collected.

Name:	SCREEN USAGE YEAR
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC 9(4)
Default:	No default not null
Description:	As named.

3-194 ARC_TSCRMTH (Archive Screen Usage Month-to-Date)

Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SCREEN USAGE MNTH Mandatory PIC 9(2) No default not null As named.
Name: Mand/Opt'l: Occurrences: Data type: Range Default: Description:	SCREEN NUMBER Mandatory PIC 9(2) 1-24 1 not null The screen number to which these statistics refer.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	SCREEN CUSTOMER NUMBER Mandatory Numeric (5,0) Not null Customer number for this screen entry.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	BUTTON 1 CUSTOMER NUMBER Optional Numeric (5,0) Not null Customer number for button one of the screen.
Name: Mand/Opt'l: Occurrences: Data type: Default: Description:	BUTTON 1 PEG COUNT Optional Numeric (7,0) Not null Peg count for button one of the screen.

Name:	BUTTON 2 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button two of the screen.
Name:	BUTTON 2 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button two of the screen.
Name:	BUTTON 3 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button three of the screen.
Name:	BUTTON 3 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button three of the screen.
Name:	BUTTON 4 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button four of the screen.

3-196 ARC_TSCRMTH (Archive Screen Usage Month-to-Date)

Name:	BUTTON 4 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button four of the screen.
Name:	BUTTON 5 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button five of the screen.
Name:	BUTTON 5 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button five of the screen.
Name:	BUTTON 6 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Description:	Customer number for button six of the screen.
Name:	BUTTON 6 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for button six of the screen.

Name:	DIRECTIONAL KEY PEG COUNT
Mand/Opt'l:	
Occurrences:	
Data type:	Numeric (7,0)
Default:	Not null
Description:	Peg count for screen navigation
Name:	REGION CODE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(3)
Default:	No default not null
Description:	Identifies the Region under which this record was created.

ARC_TSCRUSG (Archive Screen Usage Statistics)

Description:

This table contains information on the peg counts of the usage of each screen and button used, where the screens and buttons are defined in the Graphic table.

Estimated volume:

Primary Key:

Terminal ID
Screen Number
Summary Period Start Datetime

Record length:

96

3-198 ARC_TSCRUSG (Archive Screen Usage Statistics)

Fields:

Name:	TERMINAL ID
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC S9(10)
Default:	No default not null
Description:	Terminal ID from which these statistics were gathered.
Name:	RECEIVED DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	Datetime Year to Second
Default:	SYSTEM not null
Description:	Date and time that the statistics record was read and processed by the Millennium Manager TIPL process.
Name:	SUMMARY PERIOD START DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	Datetime Year to Second
Default:	SYSTEM not null
Description:	Start date and time of this statistics record.
Name:	SUMMARY PERIOD STOP DATETIME
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	Datetime Year to Second
Default:	SYSTEM not null
Description:	Stop date and time of this statistics record.
Name:	SCREEN NUMBER
Mand/Opt'l:	Mandatory
Occurrences:	
Data type:	PIC 9(2)

Default:	1 not null
Range:	1-8
Description:	
Name:	SCREEN CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for this screen entry.
Name:	BUTTON 1 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for button one of the screen.
Name:	BUTTON 1 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Peg count for button one of the screen.
Name:	BUTTON 2 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for button two of the screen.

3-200 ARC_TSCRUSG (Archive Screen Usage Statistics)

Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 2 PEG COUNT Optional Numeric (5,0) Not null 0-65,535 Peg count for button two of the screen.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 3 CUSTOMER NUMBER Optional Numeric (5,0) Not null 0-65,535 Customer number for button three of the screen.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 3 PEG COUNT Optional Numeric (5,0) Not null 0-65,535 Peg count for button three of the screen.
Name: Mand/Opt'l: Occurrences: Data type: Default: Range: Description:	BUTTON 4 CUSTOMER NUMBER Optional Numeric (5,0) Not null 0-65,535 Customer number for button four of the screen.
Name: Mand/Opt'l: Occurrences: Data type:	BUTTON 4 PEG COUNT Optional Numeric (5,0)

Default:	Not null
Range:	0-65,535
Description:	Peg count for button four of the screen.
Name:	BUTTON 5 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for button five of the screen.
Name:	BUTTON 5 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Peg count for button five of the screen.
Name:	BUTTON 6 CUSTOMER NUMBER
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Customer number for button six of the screen.
Name:	BUTTON 6 PEG COUNT
Mand/Opt'l:	Optional
Occurrences:	
Data type:	Numeric (5,0)
Default:	Not null
Range:	0-65,535
Description:	Peg count for button six of the screen.

3-202 ARC_TUPLOAD (Archive Terminal Upload Attention)

Name:	DIRECTIONAL KEY PEG COUNT
Mand/Opt'l:	
Occurrences:	
Data Type	Numeric (5,0)
Default:	Not null
Range:	
Description:	Peg count for screen navigation.
Name:	REGION CODE
Mand/Opt'l:	
Occurrences:	
Data type:	PIC X(3)
Default:	No default not null
Description:	

ARC_TUPLOAD (Archive Terminal Upload Attention)

Description:

This table contains a record of each attention message received from a terminal, indicating that it will be uploading data to the Millennium Manager. This may occur when the terminal is being taken out of service and must dump its data to the Millennium Manager, or when it is undergoing maintenance.

Estimated Volume: 1 / Terminal / Month

Primary Key:

Terminal ID
Received Dt
Received Tm

Record length: 34

Fields:

Name: TERMINAL ID
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC S9(10)
Default: No default not null
Format: NPA-NXX-LINE
Range: 1000000000 - 9999999999
Description: This is the telephone number of the terminal.

Name: RECEIVED DT
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: YYYYMMDD
Description: Date on which the Upload Attention message was received by the Millennium Manager, in the Millennium Manager local time.

Name: RECEIVED TM
Mand/Opt'l: Mandatory
Occurrences: 1
Data type: PIC 9(8)
Default: No default not null
Format: HHMMSSCC
Range: 00000000 - 23595999
Comments: Must have a valid Time format.
Description: Time at which the Upload Attention message was received by the Millennium Manager, in the Millennium Manager local time.

3-204 ARC_TUPLOAD (Archive Terminal Upload Attention)

Name:	ATTENTION REASON INFO	
Mand/Opt'l:	Optional	
Occurrences:	1	
Data type:	Numeric (3,0)	
Default:	Not null	
Values:	01H	Menu Item - Craft I/F Table Download
	02H	Install via Craft I/F
	04H	Lost Memory
	08H	Power Lost on Download
Name:	REGION CODE	
Mand/Opt'l:	Mandatory	
Occurrences:	1	
Data type:	PIC X(3)	
Default:	No default not null	
Description:	Identifies the Region under which this record was created.	

4 SQL shorthand views – production database

This section contains the shorthand views defined on the SQL tables in the Millennium Production database. Shorthand views define joins on two or more tables, and are used only for reading. No updates are permitted on shorthand views. The protection views have not been included as the field names and formats exactly match those of the tables. Included with each view are:

- The fields which define the view
- The fields from the source tables which correspond to the view's fields
- The tables on which the view is defined
- The selection criteria for the view, if any.

VIEW: VMENU

FIELDS:

MENU_NAME
SEQUENCE_NO
SCREEN_ID
PROGRAM_NAME
USER_ID
FUNC_KEY_ACCESS
FUNC_KEY_ACCESS_SHIFT
LANGUAGE_CD
SCREEN_DESCRIPTION

SELECT:

R.MENU_NAME
R.SEQUENCE_NO
R.SCREEN_ID
R.PROGRAM_NAME
U.USER_ID
U.FUNC_KEY_ACCESS
U.FUNC_KEY_ACCESS_SHIFT
T.LANGUAGE_CD
T.SCREEN_DESCRIPTION

FROM:

SCROUTE R
SCRTEXT T
USERSEC U

WHERE

(R.SCREEN_ID = T.SCREEN_ID) AND (R.SCREEN_ID =
U.SCREEN_ID)

VIEW: VSCRNALL

FIELDS:

SCREEN_ID
FUNC_KEY_ACCESS_APPLIC
FUNC_KEY_AVAILABLE
FUNC_KEY_AVAILABLE_SHIFT
FUNC_KEY_DEFAULTS
FUNC_KEY_DEFAULTS_SHIFT
LANGUAGE_CD
SCREEN_DESCRIPTION

SELECT:

S.SCREEN_ID
S.FUNC_KEY_ACCESS_APPLIC
S.FUNC_KEY_AVAILABLE
S.FUNC_KEY_AVAILABLE_SHIFT
S.FUNC_KEY_DEFAULTS
S.FUNC_KEY_DEFAULTS_SHIFT
T.LANGUAGE_CD
T.SCREEN_DESCRIPTION

FROM:

SCREEN S
SCRTEXT T

WHERE

S.SCREEN_ID = T.SCREEN_ID

VIEW: VTERMQ

FIELDS:

TERMINAL_ID
TELCO_ID
REGION_CODE
DEACTIVATED_IND
DEACTIVATED_DATE

SELECT:

TERMINAL_ID
TELCO_ID
REGION_CODE
DEACTIVATED_IND
DEACTIVATED_DATE

FROM:

TERM

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