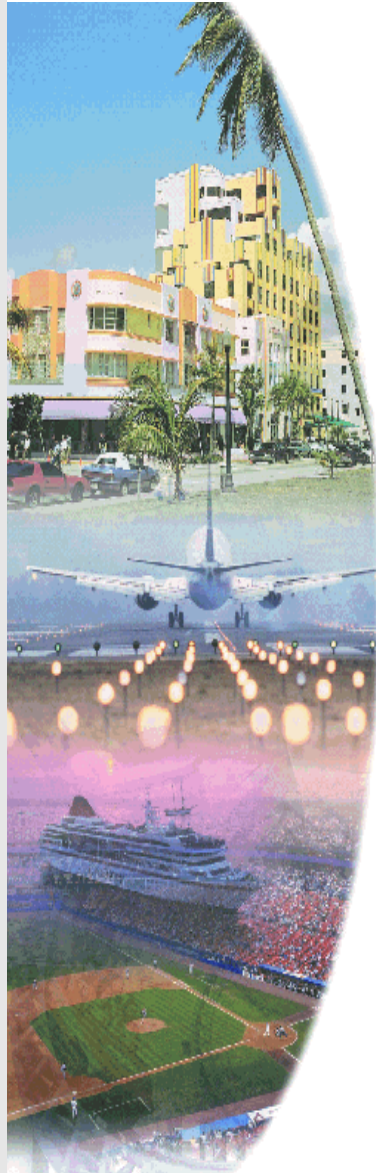


Large Enterprise Solutions



SQL Manual

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9700 HMS

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Preface

In This Preface

In this preface, you will find information about the organization, conventions, and contents of this manual.

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Why Read This Manual?

Purpose

The *9700 SQL Manual* is your guide to the MICROS 9700sql module. Procedures for exporting data from and importing data into the 9700 database are explained in this manual.

The *9700 SQL Manual* does *not* provide guidance for modifying or programming the 9700 System's database or for installing, troubleshooting, or servicing the 9700 System.

Who should be reading this manual?

Anyone integrating the 9700 database with other applications (e.g., a database management system (DBMS) or spreadsheet program), such as:

- ◆ MICROS Programmers/Installers
- ◆ Dealer Programmers/Installers
- ◆ Customer MIS Personnel

What should the reader already know?

Users of this manual should have a working knowledge of the 9700 Operations and Remote Management Console, as well as extensive familiarity with the application with which the 9700 data is being integrated.

How This Manual is Organized

This manual is divided into the chapters and appendices that are briefly discussed below.

Part One: 9700sql Building Blocks

This section describes the 9700sql module, the format for the command file that 9700sql calls, and how to use 9700sql to import information into and export data out of the 9700 database.

Part Two: Appendices

The appendices in this manual provide additional information on the database files and fields, as well as including a master list of list of key categories, and the files which they affect.

Appendix A: 9700 Database Files lists alphabetically all of the 9700 database files, including their scope (System or RVC level) and filename.

Appendix B: 9700 Database Fields breaks down the files listed in Appendix A into subordinate fields. The tables in this section, which are arranged alphabetically, include the field name, field mnemonic, type code, width, and range for each field.

Appendix C: 9700 Database Status Fields continues the breakdown of information for 9700 files. Tables in this section, which are arranged alphabetically, include Type fields, Status fields, Type Definitions, and Key numbers for the fields listed in Appendix B.

Appendix D: Master Key of List Categories lists all key categories affecting the HHT Touchscreen Screen Definition File, the Keyboard Definition File, the Macro Definition File, and the Touchscreen Screen Definition File.

Recognizing Abbreviations, Conventions, and Symbols

This section describes the abbreviations, conventions, and symbols that are used throughout this manual.

Abbreviations

Certain phrases, as listed below, are abbreviated to make reading easier.

This abbreviation...	refers to the phrase...
HHT	Hand-held Touchscreen
RVC	Revenue Center
SAR	Stand Alone Resilient
SQL	Structured Query Language, a relational database access language
system (or 9700 System)	MICROS 9700 Hospitality Management System (HMS)

Conventions

The typographic conventions explained below make following written instructions simpler.

This typographic convention...	described as...	which is used to denote...	is shown in the following example(s)...
[available options]	command options inside brackets	any combination of possible options, except where noted	[argument options] [GT GE]
<i><placeholder></i>	italicized words appearing between angle brackets	information the user must supply, but WITHOUT the angle brackets	<i><filename></i> <i><field list></i>
UPPER CASE	words shown in all capital letters	Control and Input/Output Commands and keywords	OUTPUT_TO WHERE
User Entry	a non-proportional font	the exact script syntax, where spacing is crucial	WHERE rpt_grp = 2 AND T.sls_ttl <> ""

Finding Additional Information

The MICROS 9700 HMS System's documentation suite is comprised of hardware and software manuals which support the 9700 System.

Our documentation is provided in Portable Document Format (PDF) and online help (CHM) files. You must have Adobe[®] Acrobat[®] (conveniently located in the Adobe Reader folder on the 9700 HMS installation CD) installed to view the PDF files. All software documentation is available on the 9700 HMS installation CD, stored in the `\MICROS\LES\Pos\9700\Documentation` directory. You can view the documentation from there, or open it from *Start / Programs / MICROS Systems 9700 / 9700 Documentation* after you've installed the 9700 HMS software.

Our manuals are listed in the tables on the following pages. They can be ordered by part number directly from MICROS Systems, Inc.

The 9700 HMS System...	is comprised of these manuals...	which include information about...	and can be ordered by part number...
Software Library	<i>9700 HMS A to Z Feature Reference Manual</i>	<ul style="list-style-type: none"> ◆ all 9700 System features ◆ modifying the database for each feature 	100151-506
	<i>9700 Feature Overview Manual</i>	<ul style="list-style-type: none"> ◆ an introduction to the 9700 System and descriptions of major features 	100151-523
	<i>9700 HMS Property Maintenance Guide</i>	<ul style="list-style-type: none"> ◆ basic instructions on how to maintain and update an existing 9700 System database 	MD0006-008
	<i>9700 System Interface Module (SIM) Manual</i>	<ul style="list-style-type: none"> ◆ developing an interface that facilitates communications between the 9700 System and various third-party systems ◆ writing scripts in the MICROS proprietary Integrated Scripts Language (ISL) that allows access to the SIM 	100151-501
	<i>9700 HMS SQL Manual</i>	<ul style="list-style-type: none"> ◆ importing and exporting data into and out of the 9700 database ◆ 9700 System files, fields, and status flags 	100151-502
	<i>9700 HMS System Setup Manual</i>	<ul style="list-style-type: none"> ◆ installing/upgrading the 9700 System software 	100151-507
Hardware Library	<i>9700 Site Preparation Guide</i>	<ul style="list-style-type: none"> ◆ preparing a site for MICROS equipment installation ◆ AC power requirements ◆ environmental considerations 	100151-508

Our online help system (CHM files) are listed in the table below. These files are available on the 9700 HMS installation CD.

This online help system...	includes information about...
<i>9700 CA/EDC</i>	♦ installation and setup procedures for the 9700 Credit Authorization/Electronic Draft Capture drivers
<i>9700 Mobile MICROS Setup & Usage</i>	♦ configuration procedures and functional information for the Mobile MICROS hand-held device
<i>9700 Programming</i>	♦ programming a 9700 System, file by file
<i>9700 Remote Management Console Tour</i>	♦ basic navigation and usage of the 9700 Remote Management Console
<i>9700 Report Writer (with Autosequencer)</i>	♦ designing and generating reports, and using the Autosequencer module
<i>9700 SAR Setup and Usage</i>	♦ configuration procedures and functional information for the 9700 Stand Alone Resilient POS Client
<i>9700 System Administration</i>	♦ software modules used for administrative tasks, such as reloading the system and viewing system activity ♦ setting up an EBUTO System
<i>9700 User's</i>	♦ step-by-step instructions for various operator tasks

Symbols

NOTE



This symbol is used to bring special attention to a related feature.

TIP



This symbol is used to indicate a special tip for using the current feature.

WARNING



This symbol indicates that care should be exercised when programming a feature or performing an action.

Design and Production

This manual was written with Adobe FrameMaker. Some illustrations and diagrams were designed in CorelDraw and Microsoft Visio.

Preface

Finding Additional Information



1

9700sql Building Blocks

In This Chapter

This chapter describes the 9700sql program and the command file format that the program calls, and how to use 9700sql to import information into and export data out of the 9700 database.

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Understanding 9700sql

The 9700sql, MICROS's version of Structured Query Language (SQL), is a database access language that features intelligent, selective data exporting and importing for the 9700 System database—without the need to *manually* enter 9700 System data into a format that can be used by other applications. In addition, 9700sql exports and imports ASCII files that are easily exchanged with spreadsheet programs and database management systems. The 9700sql does **not**, however, allow *ad hoc* queries of the 9700 database.

9700sql can be used in any of the following ways:

- ◆ Data can be exported to files used by other applications.
- ◆ Data from other applications can be imported into the 9700 System.
- ◆ Exported files can be used for journal printing (fields can be padded, so that the printed output is easy to read). If your journal printing needs do not require the full journal capabilities provided by the 9700 System, you can use 9700sql to print a journal file that includes specific fields and files.
- ◆ 9700sql can be run as part of a PC Autosequence at any interval you define, such as monthly, daily, or even by shift. A spreadsheet program can be automatically updated to reflect sales or any other activity in the 9700 HMS. This is especially useful for EIS (Executive Information System) applications. From such an application, management is able to view property-wide activity, then react to it immediately by remotely changing items such as menu prices and labor schedules.

Creating 9700sql Scripts

When using 9700sql to export or import data, remember the following:

- ◆ Create a command file that tells 9700sql what information to access.
- ◆ Make sure that the 9700 System is ON at the Control Panel.
- ◆ Run 9700sql from a Windows command line or as part of a PC Autosequence.

If used in a PC Autosequence, 9700sql can automatically export or import the data you desire when reports are reset. Details about PC Autosequences may be found in the *9700 A to Z Feature Reference Manual*.

Regardless of which method you choose to run 9700sql, the syntax is as follows:

```
8700sql -f <filename> -[argument options]
```

where filename¹ refers to the full pathname of the command file containing the commands to be executed, and argument options refers to the arguments used to append the command syntax (see page 14 for a complete list).

The format requirements of the command file are discussed in the next section, *Command File Format*.



For best results, view the SQL log files in Microsoft® Notepad, so that you can format the text (i.e., enable the Word Wrap feature) if desired.

1. For easy reference, all System filenames are listed alphabetically in *Appendix A*, and all fieldnames are listed by file in *Appendix B*.

Command File Format

The Command file is an ASCII file that you create using the text editor of your choice, such as Windows® Notepad. The Command file defines the file being imported or exported, as well as the format and content of the information included.

A Command file must contain the following commands in the order shown:

- ♦ Control Commands (see page 1-5)
- ♦ Input/Output Command (see page 1-9)
- ♦ SQL Commands (see page 1-10)

An example of a command file is shown below:

Control Commands	}	MAX_FIELDS_PER_LINE 20
		MAX_LINE_LENGTH 64
		FIELD_SEPARATOR ,
		DATE_FORMAT MM/DD/YY
Input/Output Command	—	OUTPUT_TO mi2sales
SQL Statements	—	SELECT * FROM mi_ttls.2
		WHERE sls_ttl GT 0.00

The commands in the file are not case sensitive. (For clarity, commands in this manual are written in upper case, and file and fieldnames are written in lower case.)

Even though a carriage return does not need to be entered after every command and all white space characters are skipped, including the carriage returns and white spaces will make scripts more readable.

Comments can be inserted into the command lines by typing two forward slashes (//) as shown in the example:

```
OUTPUT_TO mi2sales//Sales totals from the bar
```

All characters that follow the slashes are ignored by SQL.

Control Commands

Before entering the supported SQL Commands (which define the content of the Output/Input file) in the Command file, you must enter any Control Commands to define the format of the information. The format may be specified to meet the needs of other applications which may then import the data.

Control Commands	Description	Default Value	Comments
DATE_FORMAT <MM-DD-YY>	Defines the date format as MM-DD-YY, which can be entered in any order.	MM-DD-YY	The delimiter can be a forward slash (/), a dash (-), or nothing.
DATE_TIME_NUMERIC <ON, OFF>	Causes database fields of the "TIME" type to be handled as a numeric value, instead of as separate fields containing "HH:MM" and "DD-MM-YY", or "HH:MM DD-MM-YY." Valid only if DATE_TIME_NUMERIC is set OFF. This allows for computational comparison of time or date values.	OFF	This time format is applied to both imported and exported fields.
DATE_TIME_TWO_FIELDS <ON, OFF>	Causes database fields of the "TIME" type to be handled as two separate fields containing "HH:MM" and "DD-MM-YY", instead of one field containing "HH:MM DD-MM-YY." Correspondingly, TCTIMES is handled as four fields.	OFF	This time format is applied to both imported and exported fields.

Control Commands	Description	Default Value	Comments
DECIMAL_CHAR > or DECIMAL_CHAR .	Defines the decimal character, <char>. This command can be used, if necessary, to change the decimal character in an input file.	decimal point (.)	The decimal and the field separator must be different characters.
DECIMAL_PLACES #	Defines the number of decimal places for monetary data.	2	The available range is 0-3.
FIELD_SEPARATOR <char>	Determines the character that is inserted between fields when exporting data. When inputting, this command defines, for the 9700, the field separator character. If a field separator is part of a string that is enclosed in quotes, it is treated as an alphanumeric character, and not as a field separator. For example, if your field separator is the comma (,) the string “Bond, James Bond” would be treated as one field.	The tab character, which can be entered as the string “TAB”	The field separator and the decimal must be different characters.
MAX_FIELDS_PER_LINE (#, NO_LIMIT)	Defines the maximum number of fields on one line of the output file. If another value was previously entered, use the value NO_LIMIT to reset this parameter.	no limit	This command <i>only</i> applies to exported files.

Control Commands	Description	Default Value	Comments
MAX_LINE_LENGTH (#, NO_LIMIT)	<p>Defines the maximum number of characters on a line of output.</p> <p>Fields are not split, and there is a minimum requirement of 40 characters.</p>	no limit	This command does not apply to importing.
MAX_OUTPUT_RECORDS (#, NO_LIMIT)	<p>Defines the maximum number of records exported.</p>	no limit	This command applies <i>only</i> to the export of variable-length files.
PAD_NUMBERS <ON, OFF>	<p>Determines whether or not number fields are padded with spaces when the length of a number is less than the maximum field length.</p> <p>Type PAD_NUMBERS OFF to turn padding off. If padding is turned ON, the fields are right-justified.</p>	ON	Padding is not relevant when importing a file because all spaces are skipped by the System.
PAD_STRINGS <ON, OFF>	<p>Determines whether or not fields are padded with spaces when the length of a string is less than the maximum field length.</p> <p>Type PAD_STRINGS OFF to turn padding off. If padding is turned on, the fields are left-justified.</p>	ON	Padding is not relevant when importing because all spaces are skipped by the System.

Control Commands	Description	Default Value	Comments
TOTALS_PERIOD #	<p>Exports totals from periods other than the current totals period.</p> <p>Valid entries are 0-9: a value of 1 equals totals period 1, as defined in the Totals Set file; a value of 2 equals totals period 2, and so on.</p> <p>For closed check totals, the period defined must be current or P1. For open check totals, the period defined must be current.</p>	0 (current totals period)	This command cannot be used to access saved totals sets (only current through period 9).
TOTALS_SET #	<p>Supplies an object number in the Totals Set Definition file and can be used on either a totals period (0 - 9) or on a saved totals set.</p> <p>For closed check totals, the period defined must be current or P1. For open check totals, the period defined must be current.</p>		

Input/Output Commands

The Input/Output Commands define the file that is addressed by the SQL Commands and should appear in the Command file *before* the SQL Commands and their arguments.

These commands can appear more than once if the command parameter needs to be changed between Select and Update Statements.

Input/Output Commands	Description	Default Value
INPUT_FROM <filename>	Used inside a command file when importing data. The <filename> refers to the data file being imported.	9700sql.in
OUTPUT_TO <filename>	Used inside a command file when exporting data. The <filename> refers to the file in which the exported data is to be placed. The pathname may be specified to meet the needs of other applications that import the data.	9700sql.out

SQL Commands

The following table lists the keywords supported by 9700sql:

Keywords				Definition
Arithmetic Operators	GT	gt	>	Greater than.
	LT	lt	<	Less than.
	GE	ge	>=	Greater than or Equal to.
	LE	le	<=	Less than or Equal to.
	EQ	eq	=	Equal to.
	NE	ne	<>	Not equal to.
	CT	ct		Contains. ¹
Conditional Operators	AND			Allows a statement to continue if both of two conditions are true.
	OR			Allows a statement to continue if either of two conditions is true.
	()			Parentheses are used to define the order of operations when two or more logical operators are used, for example: (A and B) or C is a different statement than A and (B or C).
Filter Clause	WHERE			Indicates the start of a filter expression that qualifies or limits the Statement, using Boolean or Arithmetic operators.
Join Operator	USING			Allows selection from more than one file by comparing values in specified records.
Prepositions	FROM			Indicates the file from which records are read.
	INTO			Indicates the file to which records will be written.

Keywords				Definition
Statements	DELETE			Removes records from files.
	INSERT			Inserts records into files.
	SELECT			Retrieves records from files.
	UPDATE			Changes records in a file.

²This argument applies only to character fields. If the character string contains spaces, the string must be enclosed in quotes as shown in the following example:

WHERE name CT "hot dog"

Aliases

Filenames may be given aliases within an SQL statement. Aliases may simplify coding by allowing the user to create shorter names to refer to files.

Aliases are required in order to create the qualified fieldnames that are used in statements with parenthetical expressions. An alias can be any alphanumeric character string, up to 48 characters.

For example, in the following expression, the Major Group Definition file, maj_grp_def, is assigned the alias D.

```
SELECT * FROM maj_grp_def D
```

Later in the command file, SQL will recognize the alias D

```
WHERE D.number = 2
```

as referring to the Major Group Definition file.

Qualified Fieldnames

Parentheses can be used to alter the order of operations on files, so this type of sequential orientation is no longer sufficient to link a field with its file.

When parentheses are used in a statement, therefore, qualified fieldnames must be used. A qualified fieldname is a fieldname linked to the name of the file or its alias in the following format:

```
<filename>.<fieldname>
```

To continue the previous example, the Major Group Definition file includes the field `rpt_grp`. A qualified fieldname for this field would be

```
ma j _grp _def . rpt _grp  
└──┬──┘ └──┬──┘  
filename filename
```

The use of filename aliases can simplify this process. Continuing the previous example:

```
D . rpt _grp  
└──┬──┘  
alias filename
```

Data Structures

Any field that contains [n-n] . in its fieldname is a data structure, meaning that it has multiple subrecords with subordinate fields. When a structure name is used in importing or exporting, all of its subordinate fields will be included.

For example, the System Totals file's sales profile totals include the structure:

```
sls_prof.ordr_type[1-4].net_sls_ttl
```

As indicated by the numerals in brackets, this structure has four subrecords. If you specify this structure in a command (see the example below), it will include all of the subordinate fields:

```
sls_prof.ordr_type[1]
```

or you can specify each subrecord and fieldname as shown below:

```
sls_prof.ordr_type[3].net_sls_ttl
```

```
sls_prof.ordr_type[3].cov_cnt
```

```
sls_prof.ordr_type[4].net_sls_ttl
```

The following example is used with structures where several, but not all, elements (such as RVCs or records) are exported together, without a separate command file for each different element:

```
FIELD_SEPARATOR , //Control Command <char>
TOTALS_PERIOD 2 //Control Command <number>
PAD_NUMBERS OFF //Control Command
OUTPUT_TO spttl.sql //Output Command <filename>
SELECT trgrp[99], //Select Statement <data structure>
sls_prof.ordr_type[4].ntsls_ttl,
sls_prof.ordr_type[4].cov_cnt
FROM srv_period_ttls.3 //Preposition <filename>
WHERE number eq 2 //Filter Clause <value> Arithmetic
//Operator <value>
```

Arguments

The arguments listed in the table below may be appended to the command syntax in any order.

Argument	Usage
-a	<p>This argument allows the UPDATE command to add records from a source file to the 9700 database file. This feature is described on page 1-26.</p> <p>This argument may not be used in conjunction with the -i argument described below.</p>
-c	<p>This argument changes the destination directory and base filename for the .errlog file created by a consolidated transaction. The System defaults to the following directory:</p> <pre>/usr/tmp/sql_tr.errlog</pre> <p>To rename the .errlog file on Systems where disk space is tight in the partition containing /usr, the base filename (without any extensions) must follow the argument as shown in the example below:</p> <pre>-c/work/logs/sql_trlog</pre>
-e	<p>This argument echoes commands to the standard output (usually the display). In the case of Select operations, the output of the operation will also be echoed to the display. For example:</p> <pre>8700sql -f <filename> -e</pre> <p>This is recommended for testing your command file. If any errors occur, the error messages are written to the end of the output file, and the command is terminated. An explanation of error checking may be found at the end of this chapter.</p>
-i	<p>This argument allows SQL to ignore records in an Update file that do not exist in the database.</p> <p>For example, this feature can be used when maintaining a central Menu Item Master file for use with several different sites, each of which uses only a subset of these menu items.</p> <p>When updating names in the Menu Item Definition file at a specific site, the central Menu Item Master file can be used. The “-i” switch allows SQL to ignore any records in the Menu Item Master file for which there is no corresponding record in the Menu Item Definition file.</p> <p>This argument may not be used in conjunction with the -a argument described above.</p>

Argument	Usage
-n	<p>This argument allows access to the dbcs_name field in the mi_def, tmed_def, svc_def, dsc_def, empl_def and sys_parm files. These fields store unprintable characters used for displaying DBCS (double byte character set) text and cannot be accessed through the Remote Management Console.</p> <p>The “-n” switch must be used as the first argument, or separately as a trailing argument. For Example:</p> <pre>8700sql -nef <filename></pre> <p>or</p> <pre>8700sql -ef <filename> -n</pre>
-q	<p>This argument specifies the escape character used to embed quotes into a string field. The character following the -q is the escape character.</p> <p>For example, if the option -q% is used, then a quote can be embedded as in the following:</p> <pre>"%"Mom's%" Diner"</pre> <p>This string will now output as “Mom’s” Diner.</p>
-t	<p>Technical support personnel who are tracking down problems may wish to turn on debugging traces as shown below:</p> <pre>8700sql -f <filename> -e -t</pre> <p>Debugging traces are posted to the file \\MICROS\LES\Pos\etc\8700sql.log.</p>
-y	<p>Use of this argument prevents termination of SQL when a duplicate barcode is encountered during update of the barcode_def file. When a duplicate barcode is detected during the update process, the following warning message will be written to the error log: “Barcode #<object #> not updated - duplicate barcode.”</p>

Preferred Syntax

MICROS recommends that SQL scriptwriters adhere to the basic syntax structure as outlined below, and as demonstrated in the examples that follow. In many instances, this preferred syntax is **required** in order to take advantage of evolving SQL features.

Basic Syntax

INPUT/OUTPUT COMMAND *<filename>*

SELECT/UPDATE STATEMENT *<field list>* PREPOSITION *<filename1>*
<alias1>

CONDITIONAL OPERATOR *<field list>* PREPOSITION *<filename2>*
<alias2>

FILTER CLAUSE *<fieldname>* ARITHMETIC OPERATOR *<value>*

JOIN OPERATOR *<alias1>.<fieldname>* ARITHMETIC OPERATOR
<alias2>.<fieldname>

Example 1

```
OUTPUT_TO filename // OUTPUT COMMAND <filename>

SELECT number, name_1 FROM maj_grp_def D // SELECT STATEMENT <field list>
// PREPOSITION <filename1> <alias1>

AND sls_ttl FROM maj_grp_ttls T // CONDITIONAL OPERATOR <field list>
// PREPOSITION <filename2> <alias2>

WHERE D.name_1 <> " " // FILTER CLAUSE <alias1>.<fieldname>
// ARITHMETIC OPERATOR <value>

AND T.sls_ttl <> 0 // CONDITIONAL OPERATOR
// <alias2>.<fieldname> ARITHMETIC
// OPERATOR <value>

USING D.number = T.number // JOIN OPERATOR <alias1>.<fieldname>
// ARITHMETIC OPERATOR
// <alias2>.<fieldname>
```


Example 2

```

OUTPUT_TO group_sales_total           // OUTPUT COMMAND <filename>

SELECT number,name_1 FROM maj_grp_def D // SELECT STATEMENT <field list>
// PREPOSITION <filename1> <alias1>

WHERE rpt_grp = 2                     // FILTER CLAUSE <fieldname> ARITHMETIC
// OPERATOR <value>

AND sls_ttl FROM maj_grp_ttls T       // CONDITIONAL OPERATOR <fieldname>
// PREPOSITION <filename2> <alias2>

WHERE T.sls_ttl <> 0                  // FILTER CLAUSE <alias2>.<fieldname>
// ARITHMETIC OPERATOR <value>

USING D.number = T.number              // JOIN OPERATOR <alias1>.<fieldname>
// ARITHMETIC OPERATOR
// <alias2>.<fieldname>

```

Example 3

The exported data in this example, which is similar to Examples 1 and 2, can be used when comparing prices and menu offerings that need to be updated in or added to master files.

```

FIELD_SEPARATOR ,                     // Control Command <char>

OUTPUT_TO smenudef.txt                 // Output Command <filename>

SELECT number,def_seq_num,name_1,name_2 //Select Statement <field list>
FROM mi_def.1 mid                     // Preposition <filename1> <alias1>

AND pr_seq_num,price                   // Conditional Operator <field list>
FROM mi_price.1 mip                   // Preposition <filename2> <alias2>

WHERE mid.number eq mip.number         // Filter Clause <alias1>.<fieldname>
// Arithmetic Operator
// <alias2>.<fieldname>

```

Exporting Data Files

You can export all records in a file, or select the records to export, based on certain defined criteria. You can also merge the data from two files into one export file and apply defined criteria in this case as well. The specific conditions used to define the output data are discussed in the following sections.

The basic procedure for exporting 9700 data is shown below:

1. Create the Command file using the preferred editor.
 - ♦ Enter the Control Command lines.
 - ♦ Enter the Output command.
 - ♦ Enter the SQL command and arguments.
2. Run `8700sql -f <filename> <options>`

The Appendices contain a complete list of filenames and a list of fieldnames (listed by file).

System Files That Exist on More Than One PC

If System files exist on more than one PC, SQL exports the copy of the definition file that exists on the local PC. The definition files should, of course, be identical on each PC.

Exporting Detail Files

For all files except the Open Check Detail file, the Closed Check Detail file, and the Transaction Detail file, you can specify a field list.

For example, this output entry:

```
OUTPUT_TO conf
SELECT 1,2,3 from rvc_cfg
```

creates an output file named conf that contains only the first three fields from the RVC Configuration file.

When exporting the Open/Closed Check Detail files or the Transaction Detail file, you **cannot** specify a field list. You can only export all fields (using “*”). Additionally, when these files are exported, several files are created—unless specific detail files are specified as shown in the examples below. The new files use the filename you defined, but append the detail component to the end.

For example, this output entry:

```
OUTPUT_TO checks
SELECT * from open_chk_dtl.2
```

creates the following files: checks.mi, checks.dsc, checks.svc, checks.tmed, checks.ref, checks.ca, checks.mierr, checks.svcerr, checks.info, checks.team, and checks.ttl.

This output entry:

```
OUTPUT_TO checks
SELECT * from open_chk_dtl_mi.2
```

creates only the following file: checks.

Revenue Center Level Files

If a revenue center level file is specified in a *<filename>* argument, the revenue center number must appear in the following format:

```
<filename>.<revenue center number>
```

For example, *mi_def.2* would be entered for the Menu Item Definition filename and 2 would be entered for the RVC number.

Revenue Center Files that Exist on More than One PC

Definition Files—SQL exports the copy of the definition file that exists on the local PC. The definition files should, of course, be identical on each PC on which the Revenue Center resides. If the Revenue Center in question does not exist on the local PC, then SQL exports the copy from the Revenue Center that is listed first in the RVC Configuration file.

Totals Files—SQL exports a consolidation of the individual totals files for each PC.

Definition Files for Shared Revenue Centers

Export—SQL always exports the definition files of the parent Revenue Center, even if those of the child Revenue Center are specified.

Import—Definition files can only be imported to the parent Revenue Center. An attempt to import shared definition files to a child Revenue Center causes SQL to terminate with the following error:

```
Database access error: <filename>, status -43 (shared RVC  
limitation)
```

Exporting Records From One File (All Records)

- ◆ To export field entries for every record in a file, use the following syntax:

```
SELECT <field list> FROM <filename>
```

- ◆ To export all field entries, enter a “*” for the field list. For example:

```
SELECT * FROM mi_ttls.2
```

- ◆ To export selected fields, enter the fieldnames separated by a comma (and no space), for example:

```
SELECT sls_ttl,dsc_cnt,rtn_cnt,rtn_ttl FROM mi_ttls.2
```

- ◆ Do not place a comma at the end of the selection list.

Selectively Exporting Records From One File (One Criterion)

You may selectively export only those records that meet a certain criterion, that is, that contain a field whose value is greater than, less than, equal to, or not equal to another value. Such comparisons may be done for fields containing numeric values and character strings.

The syntax is as follows:

```
SELECT <field list> FROM <filename>
      WHERE <fieldname> [GE|LE|GT|LT|EQ|NE|CT]
      <field value>
```

For example:

```
SELECT * FROM mi_ttls.2
      WHERE sls_ttl GT 10.00
```

This example exports all fields from only those records in which the sales total field is greater than \$10.00.

Selectively Exporting Records From One File (Two or Three Criteria)

You may also selectively export records based on the result of multiple comparisons. Up to 12 AND clauses may be used within the WHERE statement. The syntax follows:

```
SELECT <field list> FROM <filename>
      WHERE <fieldname> [GT|LT|GE|LE|EQ|NE|CT]
      <field value>
      AND <fieldname> [GT|LT|GE|LE|EQ|NE|CT]
      <field value>
```

For example:

```
SELECT * FROM mi_ttls.2
      WHERE sls_ttl GT 10.00
      AND sls_ttl LT 100.00
```

This example exports all fields from those records in which the sales total field is greater than \$10.00 and less than \$100.00.

Exporting Records From Two Files (All Records)

You may also merge the fields from two different files for export. The syntax is as follows:

```
SELECT <field list> FROM <filename1>  
AND <field list> FROM <filename2>
```

The result of the above command, in some cases, may not make sense. The record from the first file that is joined with the record in the second file is subject to the order in which the records appear in each file. In the 9700, however, many files store their records in order of object number². More specifically, this command is valid for joining a definition file with its corresponding totals file. For any other files, you must specify criteria by which records in the first file are merged with records in the second file, which is the next topic.

For example:

```
SELECT * FROM mi_master_def  
AND * FROM mi_master_ttls
```

This example exports all fields in all records of the Menu Item Master Definition and Menu Item Master Totals files.

Only two files may be merged, which means only one AND clause can appear in the SELECT portion of the statement.

2. An object number is the sequence number assigned to a record in a file. For example, record #10 in the Employee file may contain information for employee #6. In this case, 6 is the object number.

Selectively Exporting Records From Two Files (One Criterion)

As stated above, if the two files you are merging for export do not have matching record orders, you must specify which record should be merged with which. This is usually done by specifying two fields which should have equal values in both files. If the two fields are equal, then the records are merged. The syntax for such a command is as follows:

```
SELECT <field list> FROM <filename1>
      AND <field list> FROM <filename2>
      WHERE <field> EQ <field>
```

In the WHERE statement, the first field named is in <filename1>, and the second field named is in <filename2>.

For example:

```
SELECT * FROM mi_master_def
      AND * FROM mi_def.2
      WHERE rpt_name EQ name_1
```

This example exports all fields from the Menu Item Master Definition file and the Menu Item Definition file for Revenue Center #2, for which the Report Name is the same as Name 1. Each pair is exported together.

Multiple Definitions

The Menu Item Definition file and Menu Item Price file may contain multiple definitions for records in the Menu Item Master file. To export from both files, the command must be constructed to match record numbers in each file.

This example demonstrates how menu item names and their accompanying first menu item price may be exported from the Menu Item Definition and Menu Item Price files:

```
SELECT number,name_1 FROM mi_def.2
      AND price FROM mi_price.2
      WHERE number EQ number
      AND pr_seq_num eq 1
```

Selectively Exporting Records from Two Files (Two Criteria)

You may want to be even more specific in your file merge. Since you can have up to 12 AND clauses in a WHERE statement, you can match records as just discussed, and export only those merged records which meet either one or two criteria.

Remember that, in a WHERE statement and its constituent AND clause, the fields should be linked to the correct file using aliases.

An example of this syntax is as follows:

```
SELECT <field list> FROM <filename1> <alias1>
      AND <field list> FROM <filename2> <alias2>
WHERE <alias1>.<field> EQ <alias2>.<field>
      AND <alias1>.<field> CT <"string">
```

If unique records are required, specify enough information to identify each unique record, as shown in the following example:

```
FIELD_SEPARATOR ,
PAD_NUMBERS OFF
PAD_STRINGS OFF
OUTPUT_TO smnttl.sql
SELECT nlu FROM mi_def.3 mdef
AND
number,sls_cnt,sls_ttl,ppn_cnt,ppn_ttl,sls_cnt,sls_ttl,ppn_cnt,
ppn_ttl,itm_dsc_ttl FROM mi_ttls.3 mttl
WHERE mdef.number = mttl.number
AND mdef.def_seq_num = mttl.def_seq_num
```

Importing Data Files

A file created by another application can be imported and formatted for use by the 9700, using the Control Commands described at the beginning of this chapter. Importing a file into the 9700 database may add, delete, or alter selective records; the entire destination file does not need to be overwritten. The order of the records in the imported file does not matter. They will be entered in their appropriate location in the database file.

Update

The Update command may be used to alter existing records in a database file, or to add records to a file.

Update Existing Records Only

When used in its simplest form, the Update command may only alter existing records in a database file. Every object number in the source file must exist in the destination 9700 file. In other words, records may not be added to the 9700 database; they may only be modified. If a record is encountered in the source file that does not exist in the destination file, 9700sql generates an error message.

The syntax for the Update command is as follows:

```
UPDATE <field list> INTO <filename>
```

The <filename> refers to the destination 9700 database file. Note that conditions cannot be supplied after the <filename>.

If the <field list> is “*”, meaning all fields, then the source file must completely correspond to the destination file; the same fields must all be present and be in the same order. The records must occur in ascending order. The 9700 System recognizes the record’s object number and overwrites the corresponding record.

If the <field list> is not “*”, then the comma-separated list of fieldnames must be listed in the order in which these fields occur in the source file records. In addition, for variable-length files, and for Revenue Center Overhead files, **the first field must be the object number**³, so that the correct record is modified. If necessary, the object number may be included in the field list.

If the Date/Time entry in the imported file is specified as two fields, the file that is being updated must have the Date/Time entry set to two fields also.

3. For the Menu Item Definition file, the first two fields must be object numbers (menu item master number and menu item definition number). For the Menu Item Price file, the first three fields must be object numbers (menu item master, menu item definition, and price definition numbers).

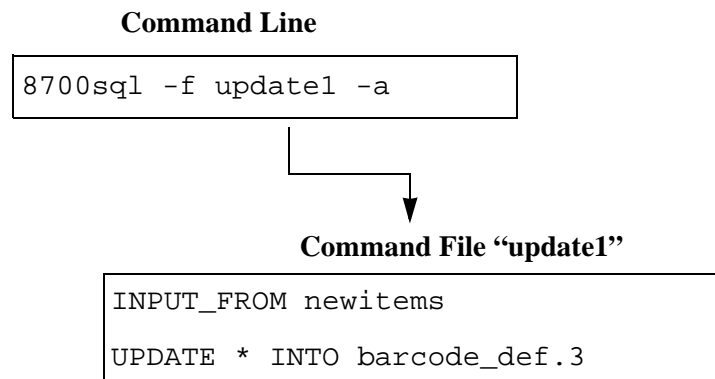
Update and Add Records

The Update command may be used to add records to the destination file (in addition to altering existing records) through the use of arguments appended to the command-line syntax.

Add Records: The -a Argument

When the command line option `-a` is used, it allows the Update command to add records to 9700 database files as necessary.

For example, the following sequence might be used to update the 9700's Barcode file in Revenue Center #3:



Any records in the file `barcode_def.3` will be overwritten if they also exist in `newitems`. Because the `-a` argument is appended to the command line, any new records in the file `newitems` will be added to the file `barcode_def.3`.

If the *<field list>* specified is not `"*"`, then the comma-separated list of fieldnames must be listed in the order in which these fields occur in the source file records. In addition, for variable-length files, and for Revenue Center Overhead files, **the first field must be the object number**⁴, so that the correct record is modified. If necessary, the object number may be included in the field list.

Because this command can use a selective field list, new records may be added to a destination file without specifying every field value. The 9700 System will assign default values to fields where necessary, just as when records are added using the Remote Management Console module.

The `-a` argument may not be used with the `-i` argument described below.

4. For the Menu Item Definition file, the first two fields must be object numbers (menu item master number and menu item definition number). For the Menu Item Price file, the first three fields must be object numbers (menu item master, menu item definition, and price definition numbers).

Ignore Missing Records: The -i Argument

The `-i` argument allows SQL to ignore records in an Update file that do not exist in the database.

For example, this feature can be used when maintaining a central Menu Item Master file for use with several different sites, each of which uses only a subset of these menu items.

When updating names in the Menu Item Definition file at a specific site, the central Menu Item Master file can be used. The `-i` switch allows SQL to ignore any records in the Menu Item Master file for which there is no corresponding record in the Menu Item Definition file.

This argument may not be used in conjunction with the `-a` argument described above.

Audit Trail Posting

The Audit Trail module may be used to record changes made by SQL to the 9700 database. If this feature is in use, the System may be programmed to post changes from an SQL Update in one of two ways:

- ♦ One Audit Trail posting for each *field* that is changed by an SQL Update
- OR -
- ♦ One Audit Trail posting for each *record* that is changed by an SQL Update

The first option results in more detailed information concerning changes made; the second results in a shorter and perhaps more manageable Audit Trail file. Select the option that suits the needs of your particular site.

This feature is controlled by System Option #17 (ON = Audit Trail Posts SQL Updates by Record; OFF = By Field).

Insert

The Insert command may be used to add records to the destination file. This command operates in the same manner as does the Update command when it is used with the `-a` command line option, with one exception:

If a data record is encountered in the source file that already exists in the destination file, 9700sql generates an error message. The Insert command, therefore, is used only to add new records to the destination file.

The syntax for the Insert command is as follows:

```
INSERT <field list> INTO <filename>
```

The `<filename>` refers to the destination 9700 database file. Note that conditions cannot be supplied after the `<filename>`.

Note also that the same restrictions concerning `<field list>` that apply to the Update command also apply to the Insert command. Refer to the notes on page 1-25 concerning `<field list>`.

Because this command can use a selective field list, new records may be added to a destination file without specifying every field value. The 9700 System will assign default values, where necessary, to any fields in records added in this manner.

Delete

The Delete command is used to remove records from an 9700 database file.

The syntax for the Delete command is as follows:

```
DELETE FROM <filename> WHERE <condition(S)>
```

For example, the following command might be used to delete all zero-priced menu items from the 9700's Barcode file in Revenue Center #3:

```
DELETE FROM barcode_def.3 WHERE Price EQ 0
```

At least one conditional clause must be included in the syntax. Failure to include a conditional clause implies an attempt to delete all records in the file. 9700sql interprets this as an error. However, if your intent really is to delete the entire file,

```
DELETE FROM <filename> WHERE number GT 1
```

will do the job.

Error Checking

Two common types of error conditions are discussed below:

- ◆ Exporting Data from 9700 to ASCII file

Any error condition causes an error message to be written to the output file. It also causes the 9700sql program to generate an error code (a single error code for all errors, whether command or database).

- ◆ Importing Data to 9700 from ASCII file

Command and database access errors are handled in the same way as exports (see the examples above). Range checking on a per-field basis is also performed.

Error handling is controlled by the following command:

```
TERMINATE_ON_ERROR <ON, OFF>
```

This command determines whether or not execution of the SQL commands continues when an error condition occurs. The default value is ON. When this is set ON, the entire sequence of SQL commands terminates when an error occurs. If this is set OFF, execution of the current command terminates, but subsequent commands continue execution.

9700sql does not post errors to the 9700 Error Log module.

Programming Notes

9700 HMS, The Next Generation

The functionality of the MICROS 9700 HMS will continue to grow and change in response to market pressures and the requests of MICROS users. As a result, the database structure for future Software Versions will differ from that of the current software version.

9700sql will, of course, change to keep pace with database enhancements. While it may be difficult to guarantee that scripts written today will function effectively for every future iteration of 9700 software, MICROS strongly recommends that programmer/installers write scripts in a manner that will minimize the need for revision when 9700 software is updated.

Consider the following points when using 9700sql to supply data for use by third-party applications.

- ◆ Use the “*” character sparingly when specifying a field list in a SELECT statement. For example, the statement

```
SELECT * FROM rvc_parm.1
```

will probably produce different results in future software versions than in the current version.

- ◆ When creating an application for third-party software, parse the data string in the 9700sql output file by searching for field separators. Do not depend on offsets (field widths) to determine the start and end points of fields, as field widths may change in future versions.
- ◆ Follow the syntactical structure described in *Preferred Syntax* on page 1-16.

Totals Reset

The following pages are reprinted from the *9700 A to Z Feature Reference Manual*. They describe the reset philosophy that guides the creation of current, previous, and period totals.

Resetting Current Totals

Only the current totals files are updated after each transaction. Totals sets for other periods are not changed by transactions. These files are updated by resets.

When a current period reset report is taken, the current totals files used in the report are *added* to the corresponding totals in the *first* period totals set (P1). The current totals files are then reset to zero. The effect of this is to begin a new current period. The totals in the affected totals files now reflect the previous period.

Current period resets *indirectly* affect cumulative period totals sets (if they exist). These files are updated when previous totals are reset by *adding* P1 totals to the other totals sets.

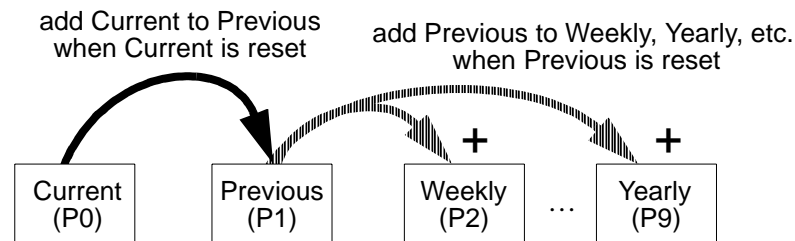
Whenever a current reset is performed, POS Operations briefly pauses (if running) while current totals are added to P1. Whenever the previous period totals are reset, the totals in P1 are added to P2 through P9 (if they are defined).

Example

If you reset your current totals and P1 totals daily:

- The current totals are always “Today’s Totals”
- The previous period totals set is always “Yesterday’s Totals”

Other total sets could reflect weekly and yearly sales activity.



Resetting Period Totals

Period totals sets are reset individually and never affect other totals sets. Period totals accumulate totals only from P1 resets. For example, if you reset “Weekly,” “Monthly” is not changed.



In flexible reports, current totals (P0), are always reset before the previous (P1), and previous (P1) before other periods (P2 through P9), no matter which order is specified in the reports, allowing you to avoid the problem of resetting totals in the “wrong” order.

Example

Multiple period totals are used on the same flexible report. The period totals (monthly and weekly) are to-date totals that should include current totals. In order to produce a report that includes current totals in the to-date totals, the period totals are set up in the following manner:

Totals Period	File Extension	Totals Name	Print on Report?
P0	.cur	Current	no
P1	.p1	Previous	no
P2	.p2	“Today”	yes
P3	.p3	“Weekly”	yes
P4	.p4	“Monthly”	yes

The report is set up to run in a PC Autosequence. Step 1 of the autosequence resets P0 and P1. Step 2 prints the report. Step 3 resets P2.

Saved Totals Sets

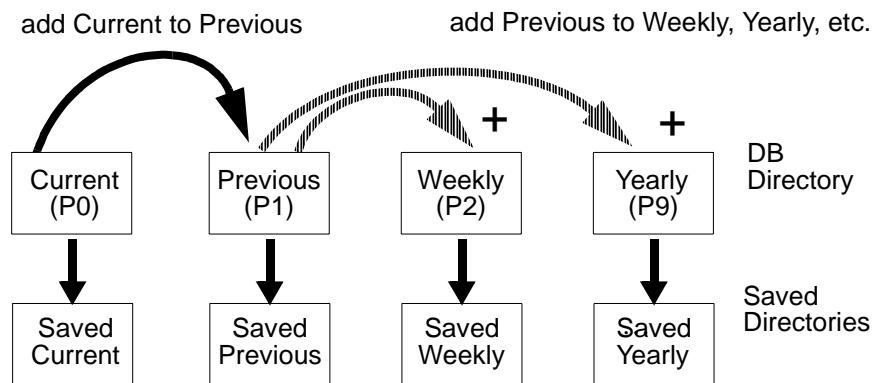
A **Saved Totals Set** is a totals set that is saved as a disk file in a named directory. Typically a totals set is saved *before* totals are reset, so that you will have a picture of totals, to perform a comparative analysis any time in the future. For example, last quarter's sales totals could be accessed by the 9700 flexible reports and compared with the current quarter⁵.

NOTE



The following report totals do not post to saved totals sets:

- ◆ *Employee Labor Detail*
- ◆ *Employee Closed Check*



You create a saved totals set by defining it in the totals set file. A saved totals set is identified by the name of the directory to which it is saved under the following default path:

\MICROS\LES\Pos\9700\pc#\db (where # is the PC number)

Consequently, only one totals set can be saved in any one directory. The names and extensions of the totals files are not changed.

NOTE



You can define up to 255 totals sets, including up to ten period totals sets (including current totals).

5. If individual menu items are to be compared, care must be taken in the layout of the menu items files to see that menu item records are not re-used in the course of a period.



A

9700 Database Files

In This Chapter

This appendix contains two tables—the first table lists all 9700 database files, and the second table summarizes the scope of each totals file.

9700 Database File Summary	A-2
Totals Files Scopes	A-10

9700 Database File Summary

The following table lists 9700 files in alphabetical order. Each row in the table lists the scope of each file¹, the availability for export or import, and the file name as it appears in the system.

Every Revenue Center (RVC) file must have a filename extension of “.x,” where x is the RVC number. For example, the system file name of the Menu Item Class Definition file for RVC #2 would be “mi_class_def.2.”

If shared RVCs are used, a parent RVC shares definition files with each of its child RVCs. The files exist only in the parent RVC, not in the child RVC.

The following are the shared definition files:

- ◆ Barcode file
- ◆ HHT Touchscreen Assignment file
- ◆ HHT Touchscreen Screen Definition file
- ◆ HHT Touchscreen Style Definition file
- ◆ Keyboard file
- ◆ Macro file
- ◆ Menu Item Class file
- ◆ Menu Item Definition file
- ◆ Menu Item Price file
- ◆ Touchscreen Assignment file
- ◆ Touchscreen Screen file
- ◆ Touchscreen Style file

If a file selected for export is a definition file from a child RVC, SQL automatically references the parent RVC’s definition file instead.

1. System, RVC, or both.

9700 Database File		Scope	Export	Import	File Name	Page
Barcode Definition (if allocated)		RVC	Yes	Yes	barcode_def	B-9
Cashier Definition		RVC	Yes	Yes	cshr_def	B-10
Cashier Totals		RVC	Yes	No	cshr_ttls	B-11
CFG Access		System	Yes	Yes	cfg_access	B-12
Change Set Definition		System	Yes	Yes	chg_set_def	B-17
Closed Check Detail Tables	All	RVC	Yes	No	clsd_chk_dtl	B-74
	Banquet Team Service	RVC	Yes	No	clsd_chk_dtl_team	B-84
	Check Information	RVC	Yes	No	clsd_chk_dtl_info	B-83
	Credit Authorization (CA)	RVC	Yes	No	clsd_chk_dtl_ca	B-82
	Discount	RVC	Yes	No	clsd_chk_dtl_dsc	B-78
	Menu Item	RVC	Yes	No	clsd_chk_dtl_mi	B-76
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	Service Charge	RVC	Yes	No	clsd_chk_dtl_svc	B-79
	Service Charge Error Correct	RVC	Yes	No	clsd_chk_dtl_svc_err	B-79
Tender Media		RVC	Yes	No	clsd_chk_dtl_tmed	B-80
Closed Check Totals		RVC	Yes	No	clsd_chk_ttls	B-85
Cluster Controller (CC) Table		System	Yes	Yes	cc_table	B-18
Credit Card Drivers		System	Yes	Yes	cc_drivers	B-19
Currency Definition		System	Yes	Yes	currency_def	B-20
Database Save		System	No	No		

9700 Database Files
 9700 Database File Summary

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Discount Definition	System	Yes	Yes	dsc_def	B-23
Employee Class Definition	System	Yes	Yes	empl_class_def	B-25
Employee Definition	System	Yes	Yes	empl_def	B-27
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Family Group Definition	System	Yes	Yes	fam_grp_def	B-33
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Family Group Totals	Sys/ RVC	Yes	No	fam_grp_ttls	B-36
FLU Definition	RVC	Yes	Yes	flu_def	B-37
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Help Screen Definition	System	Yes	Yes	help_screen_def	B-39
HHT Touchscreen Assignment Definition	RVC	Yes	Yes	hht_ts_assign_def	B-40
HHT Touchscreen Screen Definition	RVC	Yes	Yes	hht_ts_scrn_def	B-42
HHT Touchscreen Style Definition	RVC	Yes	Yes	hht_ts_style_def	B-44
Income Audit Report Configuration	System	Yes	Yes	income_audit_rc	B-45
Interface Definition	System	Yes	Yes	if_def	B-47
International LDS Definition	System	Yes	No	lds_def	B-49
International LDS Suspense	PC	Yes	No	lds_suspense	B-50
Job Code Definition	System	Yes	Yes	job_code_def	B-51
Job Code Totals	Sys/ RVC	Yes	No	job_code_ttls	B-52
Keyboard Definition	RVC	Yes	Yes	keyboard_def	B-53
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Menu Item Class Definition	RVC	Yes	Yes	mi_class_def	B-63
Menu Item Definition	RVC	Yes	Yes	mi_def	B-65
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Menu Item Master Totals	Sys/ RVC	Yes	No	mi_master_ttls	B-68
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Menu Item Recipe Link	System	Yes	Yes	mi_recipe_link	B-70
Menu Item Report Configuration	System	Yes	Yes	mi_rc	B-71
Menu Item Totals	RVC	Yes	No	mi_ttls	B-73

9700 Database Files
9700 Database File Summary

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	Menu Item	RVC	Yes	No	open_chk_dtl_mi	B-76
	Menu Item Error Correct	RVC	Yes	No	open_chk_dtl_mi_err	B-76
	PMS Itemizer	RVC	Yes	No	open_chk_dtl_ttls	B-83
	Reference Number	RVC	Yes	No	open_chk_dtl_ref	B-81
	Service Charge	RVC	Yes	No	open_chk_dtl_svc	B-79
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	Tender/Media	RVC	Yes	No	open_chk_dtl_tmed	B-80
Open Check Totals		RVC	Yes	No	open_chk_ttls	B-85
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PC Autosequence		System	Yes	Yes	pc_autoseq	B-94
PC Identification		PC	No	No		
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RCC Table		System	Yes	Yes	rcc_table	B-97
Revenue Center Configuration		System	Yes	No	rvc_cfg	B-98
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Tax Class Definition	System	Yes	Yes	tax_class	B-155
Tender/Media Definition	System	Yes	Yes	tmed_def	B-156
Time Clock Detail	System	Yes	No	time_clock_detail	B-158
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Totals Set Definition	System	Yes	No	ttls_set_def	B-163
Touchscreen Assignment	RVC	Yes	Yes	ts_assign	B-164
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9700 Database Files
9700 Database File Summary

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Tracking Group		System	Yes	Yes	trgrp_def	B-171
Transaction Log, Consolidated Transaction Log, and Extended Transaction Log (Transaction Table Formats & Detail Tables)	All	System	Yes	No	trans_log	B-172
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	Check Transfer	System	Yes	No	trans_log_xfer	B-177
	Consolidated	System	Yes	No	trans_log.0	B-172
	Credit Authorization (CA)	System	Yes	No	trans_log_ca	B-176
	Discount	System	Yes	No	trans_log_dsc	B-178
	Extended	System	Yes	No	controlled by System Parameter option code #18	B-173
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	Media	System	Yes	No	trans_log_media	B-179
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	Menu Item Error Correct	System	Yes	No	trans_log_mi_err	B-180
	No Sale	System	Yes	No	trans_log_nosale	B-181
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	Sales	System	Yes	No	trans_log_sales	B-173
	Service Charge	System	Yes	No	trans_log_svc	B-183
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	Tender Media	System	Yes	No	trans_log_tmed	B-184
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Training Sales	System	Yes	No	trans_log_training	B-185	

9700 Database File	Scope	Export	Import	File Name	Page
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User Workstation Table	System	Yes	Yes	uws_table	B-188

Totals Files Scopes

The table below shows the scope available for each totals file.

Any totals file with a RVC scope must have an extension to the filename which indicates the RVC number. For example, an extension of “.2” indicates a totals file from RVC #2.

File	Scope	System Totals	Revenue Center Totals
Cashier Totals	RVC	No	Yes
Employee Totals	System	Yes	No
Family Group Totals	System	Yes	Yes
Job Code Totals	System	Yes	Yes
Major Group Totals	System	Yes	Yes
Menu Item Master Totals	System	Yes	Yes
Menu Item Totals	RVC	No	Yes
Operator Totals	RVC	No	Yes
Revenue Center Totals	RVC	No	Yes
Serving Period Totals	RVC	No	Yes
System Totals	System	Yes	No
Table Totals	RVC	No	Yes
Time Period Totals	RVC	No	Yes



B

9700 Database Fields

In This Chapter

This appendix breaks down the 9700 database files (listed in Appendix A) into subordinate fields. The individual fields are listed here in tables that include the field name, mnemonic, type code, width, and range.

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Field Explanations

Data Types

Like any database management application, the 9700 has its own set of data type definitions. However, standard SQL supports only ASCII string and number data types. As a result, all fields accessed by SQL must resolve to either of these types, which allow the field data types of different applications to be compatible. The table below shows the 9700 Field Data Types, their ASCII equivalent, and the Type Code for each. The Type Codes are defined in the table on page B-7.

Please remember the following:

- ◆ Some single fields in the 9700 database require more than one field in ASCII, such as TIME, TCTIMES, and KEY.
- ◆ Number fields never contain thousands-separator characters.
- ◆ The decimal point character defaults to “.”, but can be changed.

9700 Field Type	ASCII	Type Code	Note
AMT4	Numeric	D10	AMT4 is a 4-byte field with a maximum absolute value of 2147483647.
AMT6	Numeric	D15	AMT6 is a 6-byte field with a maximum absolute value of 1.4073748 E14.
AMT6NR	Numeric	D15	
BITS	String	Hn (Exact Length n)	
DCHAR	String	A1 (Exact Length 1)	
FILENAME	String	An	
HALO	Numeric	N2 (Exact Length 2)	
HEX	String	Hn (Exact Length n)	
HHHMM	String “xxx:xx”	A6	

9700 Field Type	ASCII	Type Code	Note
HHMM	String “xx:xx”	A5	HHMM fields are always output in 24-hour format, regardless of the setting of the System Parameter Option that determines time format. On update, they are also supplied in 24-hour format. All four digits must be supplied—including leading zeros.
ITMZR4	Numeric	D7	ITMZR4 is a 4-byte field with a maximum absolute value of 8388607.
ITMZR8	Numeric	D17	ITMZR8 is an 8-byte field with a maximum absolute value of 3.6028797 E16.
KBALPHA	String	A1 (Exact Length 1)	
KEY	Numeric, Numeric	N2 N9	The KEY field data type is a combination of two other data types: a key type (SMALL) and a key number (LONG).
LCOUNT	Numeric	N10	
LOGICAL	Numeric (0 1)	N1 (Exact Length 1)	
LONG	Numeric	N10	
MMYY	Numeric	N4	
MLVLPUP	Numeric	N2 (Exact Length 2)	
MLVLS	Numeric	N2 (Exact Length 2)	The MLVLS field data type represents the menu levels on which an item is sold; values are 00-88 only. The first digit represents the Main Menu Level (0-8); the second digit represents the Sub-Menu Level (0-8).

9700 Database Fields
Field Explanations

9700 Field Type	ASCII	Type Code	Note
PBCD	String	An	
PCNT	Numeric	D7	
SCOUNT	Numeric	N5	
SECONDS	Numeric	N10	
SHORT	Numeric	N5	
SMALL	Numeric	N3	
TCHAR	String	A1 (Exact Length 1)	
TCTIMES	String "TIME", "TIME"	(A5 A8) x 2	The TCTIMES field data type is a combination of two TIME types; it stores clock-in and clock-out times in the Time Clock Schedule file. On export, two complete TIME fields are output. On import, the second date is ignored, and can be omitted if so desired.
TIME	String "xx:xx xx-xx-xx"	A5 A8	The TIME field data type can be programmed to appear as one or two strings, and the order of the date components (day, month, year) can be changed as necessary. (Refer to page 1-5 for the specific commands.) The default is one string— "HH:MM MM-DD-YY".
ULONG	Numeric	N10	
USHORT	Numeric	N5	

Type Code Definitions

The table below defines the Type Codes that are used in the 9700 Field Lists.

Please note the following:

- ♦ A variable-length number can never be less than one digit; it always appears even though its value may be zero.
- ♦ In multi-PC configurations, all totals are consolidated; the totals do not need to be exported from each PC individually.

Type Code	Definition
An	An alphanumeric string of up to n characters.
An (Exact)	An alphanumeric string of exactly n characters.
Dn	<p>A decimal integer of up to n digits (not including its decimal character).</p> <p>For currency amounts, the decimal character, and the number of decimal places, are set by the DECIMAL_CHAR and DECIMAL_PLACES Control Commands, described on page 1-5.</p> <p>Some decimal integer fields may use a fixed or a floating decimal point, and are not affected by the DECIMAL_PLACES Control Command.</p> <p>For example, the Tare Weight field in the Menu Item Definition file allows a floating decimal point, as do various percentage fields used in the Transaction Log, and in the Discount, Service Charge, and Tender/Media files.</p>
Dn (Exact)	This case does not occur in the 9700 database.
Hn (Exact)	A string of exactly n characters, each of which can only be one of the hexadecimal characters [0-9, A-F]. On export, A-F will always be upper case; on import, both cases are allowed.
Nn	An integer of up to n digits that does not contain a decimal point.
Nn (Exact)	An integer of exactly n digits, that does not contain a decimal point.
TIME	Converted from 32-bit UNIX Time Field. A date/time in system local time, in the format HH:MM MM-DD-YY (e.g., 23:59 12-31-99). These strings are always fifteen characters long. Refer to page 1-5 for the commands that determine the format of this field.

Multilanguage String ID Fields

In Version 2.70 and higher, the 9700 System can simultaneously support up to four languages on the SAR client.

Database fields that are translated into multiple languages are housed in the NetVupoint database in two tables—LANGUAGE_INFORMATION and STRING_TABLE.

The LANGUAGE_INFORMATION table contains one record for every language (including the base language) and any language-specific options such as printing options, line spacing and font type.

The STRING_TABLE contains text strings for every translated field. Each text string is assigned to a string ID.

To distinguish between a field in the base language and the same field in an alternate language, the tables on the following pages provide these indicators:

- ◆ In the *Field Name* column, the phrase **(for multilanguage)** follows the field name.
- ◆ In the *Field Mnemonic* column, the field name includes **_sid** as part of its name, which indicates that the field is linked to a string ID in the NetVupoint database.

Example

	Field Name	Field Mnemonics	Type Code	Max. Width	Range
	Cashier Number	number	N9	9	1 - 999,999,999
base language →	Name	name_1	A16 (Exact)		
	Tracking Group	trgrp	N9	9	1 - 999,999,999
same field, alternate language →	Name (for multilanguage)	name_1_sid	N10		

Barcode File

This is an optional file, designed for use in retail operations that use barcode readers. If no records are allocated, the file does not exist.

Scope: Revenue Center

Syntax: barcode_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Number (Menu Item NLU Object)	number	N9	9	1 - 999,999,999
Bar Code	barcode	H14 (Exact)		
Item Number	mi	N9	9	0 - 999,999,999
Definition Sequence	def_seq_num	N2	2	0 - 64
Price Sequence	pr_seq_num	N1	1	0 - 8
Alternate Price	price	D10	12	10 digits, sign, decimal
Alternate Prep Cost	ppn_cst	D10	12	10 digits, sign, decimal

Cashier Definition File

Scope: Revenue Center

Syntax: cshr_def.[RVC#]

Each entry record format:

Field Name	Field Mnemonics	Type Code	Max. Width	Range
Cashier Number	number	N9	9	1 - 999,999,999
Name	name_1	A16 (Exact)		
Tracking Group	trgrp	N9	9	1 - 999,999,999
Name (for multilanguage)	name_1_sid	N10		

Cashier Totals File

Scope:Revenue Center

Syntax:cshr_ttls.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Cashier Number ¹	number	N9	9	1 - 999,999,999
Tracking Totals: 256 subrecords, each subrecord format:				
Count	trgrp[1 - 256].cnt	N10	11	10 digits, sign
Total	trgrp[1 - 256].ttl	D15	17	15 digits, sign, decimal
Cashier Report Reset Parameters:				
Reset Count	cshr_fncl_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	cshr_fncl_rst.rst_date	TIME		
As-of Date	cshr_fncl_rst.as_of_date	TIME		

¹ This field is inserted by the SQL program, but is not stored in the file.

CFG Access File

Scope:System

Syntax:cfg_access

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
8 subrecords, each subrecord format:				
Access Level Name	name_1[1 - 8]	A16 (Exact)		
Edit Access Level Number	can_edit	N1 (Exact)	1	0 - 8
Add Access Level Number	can_add	N1 (Exact)	1	0 - 8
Delete Access Level Number	can_delete	N1 (Exact)	1	0 - 8
Clear Totals Access Level Number	can_clr_ttls	N1 (Exact)	1	0 - 8
View ID Access Level Number	can_view_id	N1 (Exact)	1	0 - 8
System Parameter Edit Access Lvl	sys_parm	N1 (Exact)	1	0 - 8
System Descriptor Edit Access Lvl	sys_desc	N1 (Exact)	1	0 - 8
Tax Table Edit Access Lvl	tax_tbl	N1 (Exact)	1	0 - 8
WSR Autosequence Edit Access Lvl	wsr_aseq	N1 (Exact)	1	0 - 8
PC Autosequence Edit Access Lvl	pc_aseq	N1 (Exact)	1	0 - 8
Ttls Set Defn Edit Access Lvl	ttl_set	N1 (Exact)	1	0 - 8
Menu Engineering Rpt Cfg Edit Lvl	me_rpt_cfg	N1 (Exact)	1	0 - 8

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Income Audit Rpt Cfg Edit Lvl	ia_rpt_cfg	N1 (Exact)	1	0 - 8
Major Group Rpt Cfg Edit Lvl	mgrp_rpt_cfg	N1 (Exact)	1	0 - 8
Family Group Rpt Cfg Edit Lvl	fgrp_rpt_cfg	N1 (Exact)	1	0 - 8
Menu Item Rpt Cfg Edit Lvl	mi_rpt_cfg	N1 (Exact)	1	0 - 8
Time Period Rpt Cfg Edit Lvl	tprd_rpt_cfg	N1 (Exact)	1	0 - 8
Table Rpt Cfg Edit Lvl	tbl_rpt_cfg	N1 (Exact)	1	0 - 8
Currency Edit Access Lvl	ency	N1 (Exact)	1	0 - 8
Macro Edit Access Lvl	macro_file	N1 (Exact)	1	0 - 8
Tax Class Edit Access Lvl	tax_class	N1 (Exact)	1	0 - 8
Revenue Center Cfg Edit Access Lvl	rvc_cfg	N1 (Exact)	1	0 - 8
Revenue Center Parm Edit Access Lvl	rvc_parm	N1 (Exact)	1	0 - 8
Revenue Center Desc Edit Access Lvl	rvc_desc	N1 (Exact)	1	0 - 8
Major Group Edit Access Lvl	mgrp	N1 (Exact)	1	0 - 8
Family Group Edit Access Lvl	fgrp	N1 (Exact)	1	0 - 8
Menu Item Class Edit Access Lvl	mi_class	N1 (Exact)	1	0 - 8
Menu Item Master Edit Access Lvl	mi_master	N1 (Exact)	1	0 - 8
Menu Item Recipe Link	mi_recipe	N1 (Exact)	1	0 - 8

9700 Database Fields
 CFG Access File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Definition Edit Access Lvl	mi_def	N1 (Exact)	1	0 - 8
Menu Item Price Edit Access Lvl	mi_price	N1 (Exact)	1	0 - 8
Barcode Edit Access Lvl	barcode	N1 (Exact)	1	0 - 8
Discount Edit Access Lvl	dsc	N1 (Exact)	1	0 - 8
Service Charge Edit Access Lvl	svc	N1 (Exact)	1	0 - 8
Tender/Media Edit Access Lvl	tmed	N1 (Exact)	1	0 - 8
Tracking Group Edit Access Lvl	trgrp	N1 (Exact)	1	0 - 8
Touchscrn Assignment Edit Access Lvl	ts_assgn	N1 (Exact)	1	0 - 8
Touchscrn Edit Access Lvl	ts_scrn	N1 (Exact)	1	0 - 8
Touchscrn Style Edit Access Lvl	ts_style	N1 (Exact)	1	0 - 8
HHT Touchscreen Assignment Edit Screen Access Lvl	hht_ts_assgn	N1 (Exact)	1	0 - 8
HHT Touchscreen Screen Edit Screen Access Lvl	hht_ts_scrn	N1 (Exact)	1	0 - 8
HHT Touchscreen Style Edit Screen Access Lvl	hht_ts_style	N1 (Exact)	1	0 - 8
Job Code Edit Access Lvl	job_code	N1 (Exact)	1	0 - 8
Employee Class Edit Access Lvl	empl_class	N1 (Exact)	1	0 - 8
Employee Edit Access Lvl	empl	N1 (Exact)	1	0 - 8
Operator Edit Access Lvl	optr	N1 (Exact)	1	0 - 8

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Cashier Edit Access Lvl	cshr	N1 (Exact)	1	0 - 8
Time Clock Schedule Edit Access Lvl	tmclk_shed	N1 (Exact)	1	0 - 8
Time Period Edit Access Lvl	tprd	N1 (Exact)	1	0 - 8
Serving Period Edit Access Lvl	sprd	N1 (Exact)	1	0 - 8
Help Edit Access Lvl	hlp_scrn	N1 (Exact)	1	0 - 8
Table Edit Access Lvl	tbl	N1 (Exact)	1	0 - 8
PC Table Edit Access Lvl	pc_tbl	N1 (Exact)	1	0 - 8
Device Table Edit Access Lvl	dvc_tbl	N1 (Exact)	1	0 - 8
RCC Table Edit Access Lvl	rcc_tbl	N1 (Exact)	1	0 - 8
UWS Table Edit Access Lvl	uws_tbl	N1 (Exact)	1	0 - 8
Order Device Table Edit Access Lvl	orddvc_tbl	N1 (Exact)	1	0 - 8
Interface Definition Edit Access Lvl	interface	N1 (Exact)	1	0 - 8
Keyboard Edit Access Lvl	kybd	N1 (Exact)	1	0 - 8
LDS Definition Edit Access Lvl	lds_file	N1 (Exact)	1	0 - 8
CC Table Access Lvl	cc_table	N1 (Exact)	1	0 - 8
SAR Touchscreen Assignment	pos_ts_assgn	N1 (Exact)	1	0 - 8

9700 Database Fields
CFG Access File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Credit Card Drivers	ccd_tbl	N1	1	0 - 8
Location Descriptor	loc_desc	N1	1	0 - 8
Menu Item Change Set	change_set	N1	1	0 - 8
Access Level Name (for multilanguage)	name_1_sid[1 - 8]	N10		

Change Set Definition File

Scope: System

Syntax:chg_set_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Object Number	number	N9	9	1-999999999
Change Set Name	name_1	A16		
Effective Starting	start_time	TIME		
Effective Ending	end_time	TIME		
Change Set Name (for multilanguage)	name_1_sid	N10		

Cluster Controller (CC) Table File

Scope:System

Syntax: cc_table

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Record Number	number	N9	9	1 - 999999999
CC Type	cc_type	N1	1	1 - 3
CC Number	cc_number	N3	3	For SCCs: 8 - 14 For NetCCs: 1 - 7 129 - 143 145 - 159 161 - 175 177 - 191 193 - 207 209 - 223 225 - 239 For IPCCs: 241 - 254
Description	description	A32 (Exact)	32	0 - 32
IP Address	ip_address	A15	15	0 - 15
PC Number	pc_number	N2	2	0 - 32
Location	location	N2	2	0 - 32

Credit Card Drivers File

Scope:System

Syntax: cc_drivers

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Number	number	N9	9	1 - 999999999
Descriptor	descriptor	A32 (Exact)		
Driver Name	driver_name	A14 (Exact)		
Configuration File	config_file	A14 (Exact)		
Descriptor (for multilanguage)	descriptor_sid	N10		

Currency Definition File

Scope:System

Syntax: currency_def

Fixed-length file, 1 record supporting 30 currencies:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Base Currency Name	base_cncy_name	A16 (Exact)		
Digits After Decimal	dec_digits	N1	1	0 - 3
Numeric Field “.” Character	dot_char	A1 (Exact)		
Numeric Field “,” Character	comma_char	A1 (Exact)		
Base Currency Symbol	symbol	A4 (Exact)		
Type Definition ¹	base_type_def	H2 (Exact)		
Extra Zeros	extra_zeros	N1	1	0 - 3
30 subrecords; each subrecord format:				
Alternate Currency Name	entry[1 - 30].name_1	A16 (Exact)		
Digits After Decimal	entry[1 - 30].dec_digits	N1	1	0 - 3
Type Definition ²	entry[1 - 30].type_def	H2 (Exact)		
Rate	entry[1 - 30].rate	D7	9	0.000000 - 7,999,999
Alternate Currency Name (for multilanguage)	entry[1 - 30].name._1_sid	N10		
Base Currency Name (for multilanguage)	base_cncy_name_sid	N10		
Base Currency Symbol (for multilanguage)	symbol_sid	N10		

¹ Refer to “Base Currency Options” on page C-3.

² Refer to “Alternate Currency Options” on page C-3.

Device Table

Scope: System

Syntax: device_table

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Device Number	number	N9	9	1 - 999,999,999
Device Name	name_1	A32 (Exact)		
Device Type ¹	dvc_type	N2	2	0 - 32
ID	id	N2	2	0 - 15
Primary PC #	prim_pc_number	N1	2	0 - 32
Primary CC Number	prim_lcc	N1	1	0 - 8
Primary CC Channel Number	prim_lcc_channel	N1	1	0 - 6
Primary RCC Channel	prim_rcc_channel	N2	2	0 - 10
Backup PC #	bup_pc_number	N2	2	0 - 32
Backup CC Number	bup_lcc	N1	1	0 - 8
Backup CC Channel Number	bup_lcc_channel	N1	1	0 - 6
Backup RCC Channel	bup_rcc_channel	N2	2	0 - 10
Line Type ²	line_type	N1	1	0 - 2
Baud Rate ³	baud_rate	N1	1	0 - 7
LFs/FF	lfs_per_ff	N2	2	0 - 99
Disk File Name	file_name	A32 (Exact)		

9700 Database Fields

Device Table

Field Name	Field Mnemonic	Type Code	Max. Width	Range
RF Channel	rf_channel	N2	2	0 - 16
Location Descriptor	location	N3	3	0 - 255
Printer IP Address	mac_address	A12 (Exact)		
Device Name (for multilanguage)	name_1_sid	N10		
Printer Capabilities (for multilanguage)	printer_caps	N10	10	

¹ Refer to “Type” on page C-4.

² Refer to “Line Type” on page C-4.

³ Refer to “Baud Rate” on page C-4.

Discount Definition File

Scope:System

Syntax:dsc_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Discount Number	number	N9	9	1 - 999,999,999
Name	name_1	A16 (Exact)		
Tax Class	tax_class	N3	3	0 - 255
Type Definition ¹	type_def	H6 (Exact)		
Itemizers ²	itemizers	H4 (Exact)		
Printer Link ³	prntr_lnk	H6 (Exact)		
NLU	nlu	N3	3	0 - 255
SLU	slu	N1	1	0 - 8
HHT SLU	hht_slu	N1	1	0 - 8
Main Menu Level ⁴	mlvl_lnk	H2 (Exact)		
Sub Menu Level ⁵	slvl_lnk	H2 (Exact)		
Menu Level Pop-up ⁶	menu_lvl_pup	N2 (Exact)	2	00 - 99
Percent	pcnt	D7	8	000.0000 - 100.0000
Amount	dolr	D10	12	10 digits, decimal
Privilege Group	priv_grp	N1	1	0 - 3

9700 Database Fields

Discount Definition File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Icon	icon_id	N5	5	0 - 99999
Name (for multilanguage)	name_1_sid	N10		

¹ Refer to “Type Definition” on page C-5.

² Refer to “Itemizers” on page C-6.

³ Refer to “Output Link” on page C-6.

⁴ Refer to “Itemizers” on page C-6.

⁵ Refer to “Itemizers” on page C-6.

⁶ The first digit provides the Main Level pop-up; the second provides the Sub-Level pop-up.

Employee Class Definition File

Scope:System

Syntax:empl_class_def

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Class Number	number	N9	9	1 - 999,999,999
Employee Class	class_name	A16 (Exact)		
Transaction Privileges ¹	privilege	H40 (Exact)		
ISL Options ²	isl_empl_priv	H2 (Exact)		
Supervisory Privileges ³	supervisor	H14 (Exact)		
Time Clock Privileges ⁴	clk_priv	H6 (Exact)		
Default Transaction Touchscreen	dflt_ts_scrn	N3	3	0 - 255
HHT Default Transaction Touchscreen	dflt_hht_ts_scrn	N3	3	0 - 255
Config Access Level	cfg_acc_lvl	N1	1	0 - 8
RW Access Level	rw_acc_lvl	N1	1	0 - 8
Number of Hours/Day Before OT	hrs_day_bf_ovt	N4	5	00:00 - 23:59
Number of Hours/Period Before OT	hrs_prd_bf_ovt	N5	6	000:00 - 255:59
Pickup Add/Xfer SLU Style	pkup_xfer_slu_style	N3	3	0 - 255

9700 Database Fields
Employee Class Definition File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
SAR Default Transaction Touchscreen	dflt_sar_ts_scrn	N3	3	0 - 255
Employee Class (for multilanguage)	class_name_sid	N10		

- ¹ Refer to “Transaction Privileges” on page C-7.
² Refer to “ISL Options” on page C-13.
³ Refer to “Supervisory Privileges” on page C-13.
⁴ Refer to “Time Clock Privileges” on page C-16.

Employee Definition File

Scope:System

Syntax:empl_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Employee #	number	N9	9	1 - 999,999,999
Last Name	last_name	A16 (Exact)		
First Name	first_name	A8 (Exact)		
ID	id	H10 (Exact)		
Employee Class	empl_class	N9	9	1 - 999,999,999
Current RVC	rvc	N3	3	1 - 999
Type Definition ¹	type_def	H4 (Exact)		
Check Name	chk_name	A16 (Exact)		
Group	empl_grp	N3	3	0 - 300
Level	empl_lvl	N1	1	0 - 9
In Training	training	N1	1	0, 1
8 subrecords (one per rate); each subrecord format:				
Job Code	rate[1 - 8].job_code_num	N9	9	1 - 999,999,999
Regular Pay Rate	rate[1 - 8].reglr_dolr_hr	D10	12	10 digits, decimal
Overtime Pay Rate	rate[1 - 8].ovrtm_dolr_hr	D10	12	10 digits, decimal
International LDS ID	lds_id	N4 (Exact)	4	0000 - 9999
PC Functions ID	pc_func_id	N4 (Exact)	4	0000 - 9999

9700 Database Fields
Employee Definition File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Payroll ID	payroll_id	A32 (Exact)		
Late Clock In Grace	late_clk_in_grace	N2	2	0 - 99
Information Line 1	empl_desc[1]	A32 (Exact)		
Information Line 2	empl_desc[2]	A32 (Exact)		
Information Line 3	empl_desc[3]	A32 (Exact)		
Information Line 4	empl_desc[4]	A32 (Exact)		
User Name	username	A20		
Last Name (for multilanguage)	last_name_sid	N10		
First Name (for multilanguage)	first_name_sid	N10		
Check Name (for multilanguage)	chk_name_sid	N10		
Information Line 1 (for multilanguage)	empl_desc_sid[1]	N10		
Information Line 2 (for multilanguage)	empl_desc_sid[2]	N10		
Information Line 3 (for multilanguage)	empl_desc_sid[3]	N10		
Information Line 4 (for multilanguage)	empl_desc_sid[4]	N10		
Language ID (for multilanguage)	lang_id	N10		

¹ Refer to “(Miscellaneous) Type Definition” on page C-17.

Employee Time Card Overhead File

Scope:System

Syntax:emp_card_ohd

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Employee Number	number	N9	9	1 - 999,999,999
Number of Active Detail Entries	num_dtl_entries	N3	3	
Status ¹	sta	H2 (Exact)		
Active Rate	rate	N1	1	1 - 8
Break or Scheduled Clock Out Time	brk_sched_clk_out	TIME	5	00:00 - 23:59
Time Card Print Time	print_time	TIME	5	00:00 - 23:59
Time Card Print Version Number	version	N2	3	0 - 99
Time Card Line Find Number	line_find	N2	3	0 - 99
Time Card Page Number	page_num	N2	3	0 - 99
Clock In/Out Status ²	clk_io_status	N1	3	0 - 4

¹ Refer to "Status" on page C-18.

² Refer to "Clock In/Out Status" on page C-18.

Employee Totals File

Scope:System

Syntax:empl_ttls

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Employee Number ¹	number	N9	9	1 - 999,999,999
Employee Meal Count	meal_cnt	N5	6	0 - 99,9999
Employee Meal Total	meal_ttl	D15	17	15 digits, sign, decimal
Manager Void Count	mgr_void_cnt	N5	6	0 - 99,9999
Manager Void Total	mgr_void_ttl	D15	17	15 digits, sign, decimal
Financial Report Reset Parameters:				
Reset Count	fncl_rpt_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	fncl_rpt_rst.rst_date	TIME		
As-of Date	fncl_rpt_rst.as_of_date	TIME		

¹ This field is inserted by the SQL program, but is not stored in the file.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Tip Reporting Totals:				
Gross Rcpts from Food and Beverage	gross_rcpts	D15	17	15 digits, sign, decimal
Charged Receipts	chgd_rcpts	D15	17	15 digits, sign, decimal
Charged Tips	chgd_tips	D15	17	15 digits, sign, decimal
Service Charges	svcs	D15	17	15 digits, sign, decimal
Direct Tips Declared	dir_tips	D15	17	15 digits, sign, decimal
Indirect Tips Declared	indir_tips	D15	17	15 digits, sign, decimal
Tips Paid Total	tips_paid	D15	17	15 digits, sign, decimal
Employee Tip Report Reset Parameters:				
Reset Count	empl_tips_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	empl_tips_rst.rst_date	TIME		
As-of Date	empl_tips_rst.as_of_date	TIME		
Time and Labor Totals: 8 subrecords (1 for each rate), each subrecord format:				
Posted Reg Sec Wkd Count	rate[1 - 8].posted_reg_seconds_wkd	N6	11	10 digits, sign
Posted Ovt Sec Wkd Count	rate[1 - 8].posted_ovt_seconds_wkd	N6	11	10 digits, sign
Rpt Time Reg Sec Wkd Cnt	rate[1 - 8].rpt_time_reg_seconds_wkd	N6	11	10 digits, sign
Rpt Time Ovt Sec Wkd Cnt	rate[1 - 8].rpt_time_ovt_seconds_wkd	N6	11	10 digits, sign

9700 Database Fields
Employee Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Time & Labor Empl Meal Cnt	tl_meal_cnt	N5	6	0 - 99,9999
Time & Labor Empl Meal Ttl	tl_meal_ttl	D15	17	15 digits, sign, decimal
Labor Summary Report Reset Parameters:				
Reset Count	empl_smy_labor_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	empl_smy_labor_rst.rst_date	TIME		
As-of Date	empl_smy_labor_rst.as_of_date	TIME		
Labor Detail Report Reset Parameters:				
Reset Count	empl_dtl_labor_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	empl_dtl_labor_rst.rst_date	TIME		
As-of Date	empl_dtl_labor_rst.as_of_date	TIME		
Employee Open LDS Report Reset Parameters:				
Reset Count	empl_open_lds_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	empl_open_lds_rst.rst_date	TIME		
As-of Date	empl_open_lds_rst.as_of_date	TIME		

Family Group Definition File

Scope:System

Syntax:fam_grp_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Record Number	number	N9	9	1 - 999,999,999
Family Group Name	name_1	A16 (Exact)		
Report Group	rpt_grp	N2	2	0 - 99
Family Group Name (for multilanguage)	name_1_sid	N10		

Family Group Report Configuration File

Scope:System

Syntax:fam_grp_rc

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Family Group Report Configuration #	number	N3	3	0 - 255
Report Name	name_1	A32 (Exact)		
“Group” Column Label	grp_col_hdr	A9 (Exact)		
“Description” Column Label	desc_col_hdr	A16 (Exact)		
“Subtotal” Label	sttl_col_hdr	A16 (Exact)		
“Total” Label	ttl_col_hdr	A16 (Exact)		
Type Definition ¹	type_def	H2 (Exact)		
Totals Set Definition 1 - 8	ttl_set_def[1 - 8]	[8 * N3]	3	0 - 255
20 subrecords, each subrecord format:				
Column Label	col_def[1 - 20].col_label	A20 (Exact)		
Width	col_def[1 - 20].col_width	N2	2	0 - 20
Totals Set	col_def[1 - 20].col_ttl_set	N1	1	1 - 8
Total Type	col_def[1 - 20].ttl_type	N1	1	0 - 3
Total Number	col_def[1 - 20].ttl_num	N3	3	0 - 256

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Percentage Type	col_def[1 - 20].pct_type	N1	1	0, 1
Type Definition ²	col_def[1 - 20].col_type_def	H6 (Exact)		

¹ Refer to “Report Type Definition” on page C-58.

² Refer to “Type Definition” on page C-57.

Family Group Totals

Scope:Revenue Center

Scope: System

Syntax:fam_grp_ttls.[RVC#]

Syntax: fam_grp_ttls

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Family Group Number ¹	number	N9	9	1 - 999,999,999
Sales Count (sales report)	sls_cnt	N10	11	10 digits, sign
Sales Total (sales report)	sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	itm_dsc_ttl	D15	17	15 digits, sign, decimal
Sales Count (food cost report)	fd_cst_sls_cnt	N10	11	10 digits, sign
Sales Total (food cost report)	fd_cst_sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	ppn_ttl	D15	17	15 digits, sign, decimal

¹ This field is inserted by the SQL program, but is not stored in the file.

FLU Definition File

Scope:Revenue Center

Syntax:flu_def.[RVC#]

This file is referenced from the *Keyboard* file by record number for speed, so that there is no object number field. When the *Key Type* for a location is set to be one of the FLU types, a record in this file is allocated to hold the key numbers and text, with its status set to active. If an FLU is deleted, then the record is set to inactive, and is available for reuse by another location. There is a limit of 1000 FLUs per Revenue Center; i.e., there can not be more than 1000 records per *FLU Definition* file.

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Record Number ¹	number ¹	N4	4	1 - 1,000
Menu Level Type Number	mlvl_type_num	N1	1	1, 2
8 subrecords:				
Key Type	keys[1 - 8].key_type	N2	2	0 - 17
Key Value	keys[1 - 8].key_number	N9	9	999,999,999
Help Text	keys[1 - 8].help_text	A16 (Exact)		
Help Text (for multilanguage)	keys[1 - 8].help_text_sid	N10		

¹ This field is inserted by the SQL program, but is not stored in the file.

Guest Information File

Scope:Revenue Center

Syntax:gst_info

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Number	number	N9	9	1 - 999999999
ID	id	A16		
First Name	first_name	A8		
Last Name	last_name	A16		
Address Line 1	address1	A44		
Address Line 2	address2	A44		
Address Line 3	address3	A44		
Phone Number	phone_num	A16		
User Text Line 1	usertext1	A44		
User Text Line 2	usertext2	A44		
User Text Line 3	usertext3	A44		

Help Screen Definition File

Scope: System

Syntax: help_screen_def

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Help Screen	number	N2	2	1 - 99
Help Text Line 1	line[1]	A70 (Exact)		
Help Text Line 2	line[2]	A70 (Exact)		
Help Text Line 3	line[3]	A70 (Exact)		
Help Text Line 4	line[4]	A70 (Exact)		
Help Text Line 5	line[5]	A70 (Exact)		
Help Text Line 6	line[6]	A70 (Exact)		
Help Text Line 7	line[7]	A70 (Exact)		
Help Text Line 8	line[8]	A70 (Exact)		
Help Text Line 9	line[9]	A70 (Exact)		
Help Text Line 10	line[10]	A70 (Exact)		
Help Text Line 11	line[11]	A70 (Exact)		
Help Text Line 12	line[12]	A70 (Exact)		
Help Text Lines 1 - 12 for multilanguage	line_sid[1 - 12]	N10		

HHT Touchscreen Assignment Definition File

Scope:Revenue Center

Syntax: hht_ts_assign_def.[RVC#]

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Display Form Factor	display_form_factor	N1 (Exact)	1	1 - 2
Default Sign-in Screen	sign_in_ts_scrn	N3	3	0 - 255
Default Transaction Screen	trans_ts_scrn	N3	3	0 - 255
Default Training Screen	training_ts_scrn	N3	3	0 - 255
Default UWS Procedures Screen	wkstn_procs_ts_scrn	N3	1	0 - 255
Default UWS Reports Screen	wkstn_rpts_ts_scrn	N3	1	0 - 255
Numeric Entry Screen	numeric_ts_scrn	N3	3	0 - 255
Alpha Entry Screen	alpha_ts_scrn	N3	3	0 - 255
Menu Item SLU Name	mi_slu_name[1 - 127]	A16 (Exact)		
Menu Item SLU	mi_slu_style[1 - 127]	N3	3	0 - 255
Condiment SLU	cndmnt_slu_style[1 - 64]	N3	3	0 - 255
Discount SLU	dsc_slu_style[1 - 8]	N3	3	0 - 255
Service Chg SLU	svc_slu_style[1 - 8]	N3	3	0 - 255
Tender/Media SLU	tmed_slu_style[1 - 8]	N3	3	0 - 255
MI Course SLU Name	mi_course_slu_name[1-32]	A16		
MI Course SLU Style	mi_course_slu_style[1-32]	N3	3	0 - 255
Pickup & Add/Xfer SLU Style	pkup_xfer_slu_style	N3	3	0 - 255
Split Check Screen Style	split_chk_slu_style	N3	3	0 - 255
Edit Seat Screen Style	edit_seat_slu_style	N3	3	0 - 255
Edit Check Share T/S Style	edit_chk_share_slu_style	N3	3	0 - 255

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Edit Check Count Screen	edit_chk_cnt_ts_scrn	N3	3	0 - 255
Edit Check Numeric Screen	edit_chk_num_ts_scrn	N3	3	0 - 255
Autofire Time Edit Screen	autofire_time_edit_scrn	N3	3	0 - 255
Menu Item SLU Name (for multilanguage)	mi_slu_name_sid[1 - 127]	N10		
MI Course SLU Name (for multilanguage)	mi_course_slu_name_sid[1 - 32]	N10		

HHT Touchscreen Screen Definition File

Scope:Revenue Center

Syntax:hht_ts_scrn_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Screen #	number	N3	3	0 - 255
Screen # Name	ts_scrn_name	A16 (Exact)		
60 subrecords, each subrecord format:				
Key Start Row	ts_key[1 - 60].start_row	N1	1	0 - 5
Key Start Column	ts_key[1 - 60].start_col	N1	1	0 - 8
Key Height	ts_key[1 - 60].key_height	N1	1	0 - 5
Key Width	ts_key[1 - 60].key_width	N1	1	0 - 8
Key Type Definition ¹	ts_key[1 - 60].type_def	H2 (Exact)		
Legend	ts_key[1 - 60].lgnd	A16 (Exact)		
Legend Size	ts_key[1 - 60].lgnd_size	N1	1	1 - 2
Key Definition	ts_key[1 - 60].def	H2 (Exact)		
Color Combination	color_combo	N2	1	0 - 13
Alphanumeric Character	ts_key[1 - 60].alpha_char	A1 (Exact)		
Preset Main, Sub Levels ²	ts_key[1 - 60].dflt_mlvl	H2	2	00 - 88
Legend (for multilanguage)	ts_key[1 - 60].lgnd_sid	N10		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Next Screen	ts_key[1 - 60].next_scrn	N3	3	0 - 255
Icon ID	icon_id	N3	2	0 - 99999
Icon Placement	icon_placement	N1	1	0 - 6
Screen # Name (for multilanguage)	ts_scrn_name_sid	N10		

¹ Refer to “Type Definition” on page C-19.

² The first digit provides the Main Menu Level; the second provides the Sub-Menu Level.

HHT Touchscreen Style Definition File

Scope:Revenue Center

Syntax:hht_ts_style_def.[RVC#]

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Style #	number	N3	3	0 - 255
Style Name	ts_style_name	A16 (Exact)		
Key Height	key_height	N1	1	1 - 5
Key Width	key_width	N1	1	1 - 8
Legend Size	key_lgnd_size	N1	1	1 - 2
Key Type Definition ¹	type_def	H4 (Exact)		
Color Combination	color_combo	N2	1	0 - 13
Function Key TS	fn_key_ts_scrn	N3	3	0 - 255
Icon Placement	icon_placement	N1	2	0 - 6
Style Name (for multilanguage)	ts_style_name_sid	N10		

¹ Refer to “Key Type Definition” on page C-21.

Income Audit Report Configuration File

Scope:System

Syntax:income_audit_rc

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Income Audit Report Configuration #	number	N3	3	0 - 255
Report Name	name_1	A32 (Exact)		
Tracking Group	trgrp	N9	9	0 - 999,999,999
“Rev Ctr” Column Label	rvc_col_hdr	A16 (Exact)		
“Srv Prd” Column Label	sprd_col_hdr	A16 (Exact)		
“Subtotal” Label	sttl_col_hdr	A16 (Exact)		
“Total” Label	ttl_col_hdr	A16 (Exact)		
Totals Set Definition 1 - 8	ttl_set_def[1 - 8]	[8 * N3]	3	0 - 255
4 subrecords, each subrecord format:				
Printer Setup String	prnr_setup[1 - 4]	H40 (Exact)		
lp Parameters	lp_parms[1 - 4]	A40		
30 subrecords, each subrecord format:				
Column Label	col_def[1 - 30].col_label	A20 (Exact)		
Width	col_def[1 - 30].col_width	N2	2	0 - 20
Totals Set	col_def[1 - 30].col_ttl_set	N1	1	1 - 8

9700 Database Fields

Income Audit Report Configuration File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Total Type	col_def[1 - 30].ttl_type	N1	1	0 - 5
Total Number	col_def[1 - 30].ttl_num	N3	3	0 - 256
Percentage Type	col_def[1 - 30].pct_type	N1	1	0 - 3
Type Definition	col_def[1 - 30].col_type_def	H6 (Exact)		

Interface Definition File

Scope:System

Syntax:if_def

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Interface Definition Number	number	N3	3	0 - 255
System Name	comm_sys_name	A16 (Exact)		
PC Number	pc_number	N3	2	0 - 32
Service Type ¹	svc_type	N1	1	0 - 6
Type Definition ²	type_def	H4 (Exact)		
Interface Type ³	if_type	N1	1	0 - 2
Interface Configuration ⁴	config	H2 (Exact)		
COM Device	tty_device	A14 (Exact)		
COM Baud Rate ⁵	tty_baud_rate	N1	2	1 - 10
COM Word Length	tty_word_len	N1	1	5 - 8
TCP Host Name	tcp_name	A15 (Exact)		
Port Number ⁶	tcp_port	N4	4	0 or 5006 - 5009

¹ Refer to “Service Type” on page C-23.

² Refer to “Type Definition” on page C-22.

³ Refer to “Interface Type” on page C-23.

⁴ Refer to “Interface Configuration (for TTY Interface Only)” on page C-22.

⁵ Refer to “TTY Baud Rate” on page C-23.

⁶ Refer to “TCP Port Number” on page C-23.

9700 Database Fields
Interface Definition File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
SPX Net	spx_net	H8 (Exact)		
SPX Node	spx_node	H12 (Exact)		
SPX Socket	spx_socket	H4 (Exact)		
ISL Script Name	isl_script_name	A8 (Exact)	(found in \MICROS\LES\Pos\9700\etc)	
HHT ISL Sim Heap Size	hht_sim_heap_size	N9	10	0 - 2147483647
Timeout	timeout	N3	3	0 - 255
Backup Interface	backup_if_number	N3	3	0 - 128
Backup PC	bpc_number	N2	1	0 - 32
Offline Posting Link	offline_if_number	N3		0 - 128
Ping Frequency	ping_frequency	N4		0 - 3600
DLL Filename	simdb_dll_name	A128		
Interface Link	simdb_if_number	N3	3	0 - 128
Sync Frequency (Minutes)	simdb_sync_frequency	N4		0 - 1440

International LDS Definition File

Scope:System

Syntax:lds_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
LDS #	lds_def_num	N3	3	1 - 255
LDS Device #	lds_dvc_num	N9	9	999,999,999
PC #	susp_file_pc	N2	2	0 - 32
Fast Transaction Printer Device #	fast_trans_prntr	N9	9	999,999,999
Fast Transaction UWS Device #	fast_trans_uws	N9	9	999,999,999

International LDS Suspense File

Scope:System

Syntax:lds_suspense

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Employee Number	empl_num	N9	9	999,999,999
Revenue Center Number	rvc	N3	3	1 - 999
LDS Definition Number	lds_def_num	N3	3	1 - 255
Menu Item Number	mi_obj_num	N9	9	999,999,999
Menu Item Definition Sequence #	def_seq	N2	2	1 - 64
Menu Item Price Sequence Number	price_seq	N1	1	1 - 8
Count	count	N5	6	
Menu Levels ¹	mlvls	H2 (Exact)		
Table Number	table_num	N9	9	0 - 999,999,999

¹ Refer to "Menu Level Link" on page C-24.

Job Code Definition File

Scope:System

Syntax: job_code_def

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Job Code Number	number	N9	9	1 - 999,999,999
Job Code Name	name_1	A16 (Exact)		
Report Group	rpt_grp	N3	3	0 - 255
Type Definition ¹	type_def	H2 (Exact)		
Revenue Center	rvc	N3	3	1 - 999
Job Code Name (for multilanguage)	name_1_sid	N10		

¹ Refer to "Type Definition" on page C-25.

Job Code Totals File

Scope:Revenue Center

Scope: System

Syntax:job_code_ttls.[RVC#]

Syntax: job_code_ttls

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Job Code Number ¹	number	N9	9	1 - 999,999,999
Net Sales Revenue	net_sls	D15	17	15 digits, sign, decimal
Posted Regular Labor Total	posted_reg_lab_ttl	D15	17	15 digits, sign, decimal
Posted Regular Time Wkd Count	posted_reg_seconds_wkd	N10	11	10 digits, sign
Posted Overtime Labor Total	posted_ovt_lab_ttl	D15	17	15 digits, sign, decimal
Posted Overtime Time Wkd Count	posted_ovt_seconds_wkd	N10	11	10 digits, sign
Report Time Regular Labor Total	rpt_time_reg_lab_ttl	D15	17	15 digits, sign, decimal
Report Time Regular Time Wkd Cnt	rpt_time_reg_seconds_wkd	N10	11	10 digits, sign
Report Time Overtime Labor Total	rpt_time_ovt_lab_ttl	D15	17	15 digits, sign, decimal
Report Time Overtime Time Wkd Cnt	rpt_time_ovt_seconds_wkd	N10	11	10 digits, sign

¹ This field is inserted by the SQL program, but is not stored in the file.

Keyboard Definition File

Scope:Revenue Center

Syntax:keyboard_def.[RVC#]

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Keyboard #	number	N9	9	999,999,999
Name	name_1	A16 (Exact)		
Type ¹	kybd_type	N1	1	1 - 4
Default MLvl	kybd_dflt_mlvl	N1	1	0 - 8
Keyboard 2 Link	kybd2_link	N9	9	999,999,999
128 subrecords, each subrecord format:²				
Preset MLvl	key_loc[1 - 128].dflt_mlvl	N1	1	0 - 8
Unshifted Key Type ³	key_loc[1 - 128].key_type	N2	2	0 - 17
Unshifted Key Number	key_loc[1 - 128].key_number	N9	9	999,999,999
Shifted Key Type ³	key_loc[1 - 128].shft_key_type	N2	2	0 - 17
Shifted Key Number	key_loc[1 - 128].shft_key_number	N9	9	999,999,999
Alphanumeric Key ⁴	key_loc[1 - 128].alpha_key	A1 (Exact)		

9700 Database Fields

Keyboard Definition File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Keyboard 1 Select Number	kybd1_sel_kybd[1 - 8]	[8 * N9]	9	999,999,999
Keyboard 2 Select Number	kybd2_sel_kybd[1 - 8]	[8 * N9]	9	999,999,999
Name (for multilanguage)	name_1_sid	N10		

¹ Refer to “Keyboard Type” on page C-26.

² Diagrams showing the order in which keys are exported for UWS/1 and UWS/2 keyboards are reproduced on pages D-13 and D-14.

³ Refer to “Key Types” on page C-26.

⁴ SQL exports “NU” for keys that have no alphanumeric assignment, and exports “SP” for keys whose alphanumeric character assignment is the space (ASCII character #032). This same notation is used for importing and is not case-sensitive.

Keyboard Legend File

Scope: Revenue Center

Syntax:lgnd_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Keyboard Number	number	N9	9	999,999,999
Keyboard Legend Table:				
128 subrecords, each subrecord format:				
4 subrecords:				
Line	kybd_lgnd[1 - 128].sub_rcd[1 - 4].line	A6 (Exact)		
Line (for multi- language)	line_sid	N10		

Location Descriptors File

Scope: System

Syntax:loc_desc

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Object Number	number	N3	3	1 - 255
Parent	parent	N3	3	1 - 255
Name	name_1	A32		
Name (for multilanguage)	name_1_sid	N10		

Macro Definition File

Scope: Revenue Center

Syntax: macro_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Macro Number	number	N3	3	1 - 255
Macro Name	name_1	A16 (Exact)		
Type Definition ¹	type_def	H2 (Exact)		
16 subrecords, each subrecord format:				
Key Type ²	macro_key[1 - 16].key_type	N2	2	0 - 17
Number	macro_key[1 - 16].key_number	N9	9	999,999,999
Alpha ³	macro_key[1 - 16].alpha_char	A1 (Exact)	2	
Preset MML (main menu level)	macro_key[1 - 16].dflt_mlvl	N1	1	0 - 8
Macro Name	name_1_sid	N10		

¹ Refer to “Type Definition” on page C-27.

² Refer to “Macro Key Types” on page C-27.

³ SQL exports “NU” for keys that have no alphanumeric assignment, and exports “SP” for keys whose alphanumeric assignment is the space (ASCII character #032). This same notation is used for importing. This notation is not case sensitive (i.e., “NU” and “nu” are both acceptable).

Major Group Definition File

Scope:System

Syntax:maj_grp_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Record Number	number	N9	9	1 - 999,999,999
Major Group Name	name_1	A16 (Exact)		
Report Group	rpt_grp	N2	2	0 - 99
Major Group Name (for multilanguage)	name_1_sid	N10		

Major Group Report Configuration File

Scope:System

Syntax:maj_grp_rc

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Major Group Report Configuration #	number	N3	3	0 - 255
Report Name	name_1	A32 (Exact)		
“Group” Column Label	grp_col_hdr	A9 (Exact)		
“Description” Column Label	desc_col_hdr	A16 (Exact)		
“Subtotal” Label	sttl_col_hdr	A16 (Exact)		
“Total” Label	ttl_col_hdr	A16 (Exact)		
Type Definition ¹	type_def	H2 (Exact)		
Totals Set Definition 1 - 8	ttl_set_def[1 - 8]	[8 * N3]	3	0 - 255
20 subrecords, each subrecord format:				
Column Label	col_def[1 - 20].col_label	A20 (Exact)		
Width	col_def[1 - 20].col_width	N2	2	0 - 20
Totals Set	col_def[1 - 20].col_ttl_set	N1	1	1 - 8
Total Type	col_def[1 - 20].ttl_type	N1	1	0 - 3
Total Number	col_def[1 - 20].ttl_num	N3	3	0 - 256

9700 Database Fields

Major Group Report Configuration File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Percentage Type	col_def[1 - 20].pct_type	N1	1	0, 1
Type Definition ²	col_def[1 - 20].col_type_def	H6 (Exact)		

¹ Refer to “Report Type Definition” on page C-58.

² Refer to “Type Definition” on page C-58.

Major Group Totals File

Scope:Revenue Center

Scope: System

Syntax:maj_grp_ttls.[RVC#] **Syntax:** maj_grp_ttls

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Major Group Number ¹	number	N9	9	1 - 999,999,999
Sales Count (sales report)	sls_cnt	N10	11	10 digits, sign
Sales Total (sales report)	sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	itm_dsc_ttl	D15	17	15 digits, sign, decimal
Sales Count (food cost report)	fd_cst_sls_cnt	N10	11	10 digits, sign
Sales Total (food cost report)	fd_cst_sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	ppn_ttl	D15	17	15 digits, sign, decimal

¹ This field is inserted by the SQL program, but is not stored in the file.

Menu Engineering Report Configuration File

Scope:System

Syntax:menu_eng_rc

Fixed-length file, 1 record; record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Report Name	name_1	A32 (Exact)		
High MM%/High CM Name	hi_hi_name	A10 (Exact)		
Low MM%/High CM Name	lo_hi_name	A10 (Exact)		
High MM%/Low CM Name	hi_lo_name	A10 (Exact)		
Low MM%/Low CM Name	lo_lo_name	A10 (Exact)		
MM% Cutoff	cutoff	N3	3	1 - 100

Menu Item Class Definition File

Scope:Revenue Center

Syntax:mi_class_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
MI Class Number	number	N9	9	1 - 999,999,999
MI Class Name	name_1	A16 (Exact)		
Tax Class	tax_class	N3	3	0 - 255
Type Definition ¹	type_def	H12 (Exact)		
Course Mask ²	course_mask	H8 (Exact)		
Required Condiment Mask ³	reqd_cndmnt_mask	H8 (Exact)		
Allowed Condiment Mask ³	allowed_cndmt_mask	H8 (Exact)		
Condiment Group Mask ³	member_cndmt_mask	H8 (Exact)		
MLvl Pop ⁴	mi_pup	N2 (Exact)	2	00 - 99
Printer Link ⁵	prntr_lnk	H6 (Exact)		
Print Group	prt_grp	N1	1	1 - 8
Privilege Group	priv_grp	N1	1	0 - 3
Sales Itemizer	sls_itmzr	N2	2	1 - 16
Discount Itemizer	dsc_itmzr	N1	1	0 - 15

¹ Refer to "Type Definition" on page C-28.

² Refer to "Course Mask" on page C-30.

³ Refer to "Condiment Masks: Required/Allowed/Member of" on page C-31.

⁴ The first digit provides the Main Level pop-up; the second provides the Sub-Level pop-up.

⁵ Refer to "Output Link" on page C-33.

9700 Database Fields
Menu Item Class Definition File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Service Charge Itemizer	svcs_itmzr	N1	1	0 - 8
HALO (High Amount Lockout)	halo_val	N2 (Exact)	2	00 - 97
MI Class Name (for multilanguage)	name_1_sid	N10		

Menu Item Definition File

Scope:Revenue Center

Syntax:mi_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Number	number	N9	9	1 - 999,999,999
Definition	def_seq_num	N2	2	1 - 64
First Name	name_1	A16 (Exact)		
Second Name	name_2	A16 (Exact)		
Main Menu Links ¹	mlvl_ink	H2 (Exact)		
Sub Menu Links ²	slvl_ink	H2 (Exact)		
SLU Sort Priority	sort_priority	N1	1	0 - 3
MI Class Number	mi_class	N9	9	1 - 999,999,999
NLU Group	nlu_grp	N2	2	0 - 32
NLU Number	nlu	H12 (Exact)		
SLU	slu	N3	3	0 - 127
HHT SLU	hht_slu	N3	3	0 - 127
Tare Weight	tare_wt	D7	9	0.000000 - 7,999,999
Surcharge	surcharge	D10	12	10 digits, sign, decimal

9700 Database Fields
Menu Item Definition File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Icon ID	icon_id	N5	5	0 - 99999
First Name (for multilanguage)	name_1_sid	N10		
Second Name (for multilanguage)	name_2_sid	N10		
Menu Item Status	mi_status	H1 (Exact)		
Type Definition	type_def	H2 (Exact)		
Special Count	sp_cnt	N5	5	0 - 99999

¹ Refer to “Main Menu Level Link” on page C-34.

² Refer to “Sub Menu Level Link” on page C-34.

Menu Item Master File

Scope:System

Syntax:mi_master_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Record Number	number	N9	9	1 - 999,999,999
Report Name	rpt_name	A16 (Exact)		
Major Group	mgrp_num	N9	9	1 - 999,999,999
Family Group	fgrp_num	N9	9	1 - 999,999,999
Report Group	rpt_grp	N1	1	0 - 8
Status ¹	mi_status	H1 (Exact)		
Menu Item Recipe Link	mi_recipe_link	N9	9	1 - 999,999,999
Report Name (for multilanguage)	rpt_name_sid	N10		

¹ Refer to "Status" on page C-35.

Menu Item Master Totals File

Scope:Revenue Center

Scope:System

Syntax:mi_master_ttls.[RVC#] **Syntax:** mi_master_ttls

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Number ¹	number	N9	9	1 - 999,999,999
Sales Count (sales report)	sls_cnt	N10	11	10 digits, sign
Sales Total (sales report)	sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	itm_dsc_ttl	D15	17	15 digits, sign, decimal
Sales Count (food cost report)	fd_cst_sls_cnt	N10	11	10 digits, sign
Sales Total (food cost report)	fd_cst_sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	ppn_ttl	D15	17	15 digits, sign, decimal
Change Sequence Number	chg_seq_num	N1	9	1 - 999,999,999

¹ This field is inserted by the SQL program, but is not stored in the file.

Menu Item Price File

Scope:Revenue Center

Syntax:mi_price.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Number	number	N9	9	1 - 999,999,999
Definition	def_seq_num	N2	2	1 - 64
Price Sequence Number	pr_seq_num	N1	1	1 - 8
Active On Menu Level	menu_lvl	N1	1	0 - 8
Type Def ¹	type_def	N2		
Price	price	D10	12	10 digits, sign, decimal
Prep Cost	ppn_cst	D10	12	10 digits, sign, decimal
Tax Class Override	tax_class	N3	3	0 - 255
Recipe #	recipe_num	N1	1	0 - 8
Change Set Number	chg_seq_num	N3	3	1- 255

¹ Refer to "Type Definition" on page C-36.

Menu Item Recipe Link File

Scope:System

Syntax:mi_recipe_link

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Recipe Number	number	N9	9	1 - 999,999,999
Recipe Descriptor	mi_recipe_desc	A16 (Exact)		
Recipe Name	mi_recipe_name[1-8]	A16 (Exact)		
Recipe Descriptor (for multilanguage)	mi_recipe_desc_sid	N10		
Recipe Name (for multilanguage)	mi_recipe_name_sid[1-8]	N10		

Menu Item Report Configuration File

Scope:System

Syntax: mi_rc

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Report Configuration #	number	N3	3	0 - 255
Report Name	name_1	A32 (Exact)		
“Item” Column Label	item_col_hdr	A9 (Exact)		
“Description” Column Label	desc_col_hdr	A16 (Exact)		
“Item Subtotal” Label	itm_sttl_col_hdr	A16 (Exact)		
“Rvc Subtotal” Label	rvc_sttl_col_hdr	A16 (Exact)		
“Grp Subtotal” Label	grp_sttl_col_hdr	A16 (Exact)		
“Total” Label	ttl_col_hdr	A16 (Exact)		
Report Type	rpt_type	N1		
Type Definition ¹	type_def	H2 (Exact)		
Totals Set Definition 1 - 8	ttl_set_def[1 - 8]	[8 * N3]	3	0 - 255
20 subrecords, each subrecord format:				
Column Label	col_def[1 - 20].col_label	A20 (Exact)		
Width	col_def[1 - 20].col_width	N2	2	0 - 20
Totals Set	col_def[1 - 20].col_ttl_set	N1	1	1 - 8

9700 Database Fields
Menu Item Report Configuration File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Total Type	col_def[1 - 20].ttl_type	N1	1	0 - 3
Total Number	col_def[1 - 20].ttl_num	N3	3	0 - 256
Percentage Type	col_def[1 - 20].pct_type	N1	1	0, 1
Type Definition ²	col_def[1 - 20].col_type_def	H6 (Exact)		

¹ Refer to "Report Type Definition" on page C-58.

² Refer to "Type Definition" on page C-57.

Menu Item Totals File

Scope:Revenue Center

Syntax:mi_ttls.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Number ¹	number	N9	9	1 - 999,999,999
Definition Sequence Number ¹	def_seq_num ¹	N2	2	1 - 64
Price Sequence Number ¹	pr_seq_num ¹	N1	1	1 - 8
Menu Item Detail Sales Totals:				
Sales Count	sls_cnt	N10	11	10 digits, sign
Sales Total	sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	itm_dsc_ttl	D15	17	15 digits, sign, decimal
Menu Item Detail Food Cost Totals:				
Sales Count (food cost report)	fd_cst_sls_cnt	N10	11	10 digits, sign
Sales Total (food cost report)	fd_cst_sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	ppn_ttl	D15	17	15 digits, sign, decimal
Weight Total	weight_ttl	D7	9	7 digits, sign, decimal

¹ These fields are inserted by the SQL program, but are not stored in the file.

Open and Closed Check Detail Files

Scope: Revenue Center

Syntax: open_chk_dtl_[*type*].[RVC#]

clsd_chk_dtl_[*type*].[RVC#]

In the 9700 database, the check detail file is implemented as a variable length file. Each record in the file is a union of the possible detail structures. This union is not suitable for handling by SQL. In order to present the files as SQL tables with fixed column headers, they are divided into separate logical tables, one for each detail type, such as Menu Item and Discount.

In the database file, detail records each contain a block of 10 detail entries; those entries with type=0 do not appear in any output table. Their purpose is to allow reference number entries to be associated with their parent menu items (these cannot be included in the “parent” tables because there can be a variable number of them attached to an entry).

Individual field mnemonics for the Open and Closed Check Detail files are not documented because they **cannot** be selected.

Detail	Open Check Syntax	Closed Check Syntax	Page
All Detail	open_chk_dtl.[RVC#]	clsd_chk_dtl.[RVC#]	
Menu Item Detail	open_chk_dtl_mi.[RVC#]	clsd_chk_dtl_mi.[RVC#]	B-76
Menu Item Error Correct Detail	open_chk_dtl_mi_err.[RVC#]	clsd_chk_dtl_mi_err.[RVC#]	
Discount Detail	open_chk_dtl_dsc.[RVC#]	clsd_chk_dtl_dsc.[RVC#]	B-78
Service Charge Detail	open_chk_dtl_svc.[RVC#]	clsd_chk_dtl_svc.[RVC#]	B-79
Service Charge Error Correct Detail	open_chk_dtl_svc_err.[RVC#]	clsd_chk_dtl_svc_err.[RVC#]	
Tender/Media Detail	open_chk_dtl_tmed.[RVC#]	clsd_chk_dtl_tmed.[RVC]	B-80
Reference Detail	open_chk_dtl_ref.[RVC#]	clsd_chk_dtl_ref.[RVC#]	B-81
Credit Authorization Detail	open_chk_dtl_ca.[RVC#]	clsd_chk_dtl_ca.[RVC#]	B-82
PMS Itemizer Totals Detail	open_chk_dtl_ttls.[RVC#]	clsd_chk_dtl_ttls.[RVC#]	B-83

Detail	Open Check Syntax	Closed Check Syntax	Page
Check Information Detail	open_chk_dtl_info.[RVC#]	clsd_chk_dtl_info.[RVC#]	B-83
Banquet Team Service Detail	open_chk_dtl_team.[RVC#]	clsd_chk_dtl_team.[RVC#]	B-84

Menu Item Detail Table (entry type = 1) and Menu Item Error Correct Detail Table (entry type = 13)

Field Name	Type Code
Detail Type # (1)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Status Flags ¹	H8 (Exact)
Revenue Center Number	N3
Seat Number	N2
Menu Item Count	N3
Menu Item Total	D10
Void Link	N4
Menu Item Number	N9
Definition Sequence Number	N2
Price Sequence Number	N1 (Exact)
Menu Item Type Definition ²	H10 (Exact)
NLU Group Number	N2
NLU Number (4 ls digits)	H4 (Exact)
Order Printer Link ³	H6
Authorizing Employee Number	N9
Tax Type Definition ⁴	H2 (Exact)
Menu Levels	N2
Preparation Cost	D9

Field Name	Type Code
Discount & Service Charge Itemizers ⁵	H2 (Exact)
Itemizers	N2 (Exact)
Print Group	N1 (Exact)
Privilege Level	N1 (Exact)
Florida Surcharge	D9
Recipe Number	N1 (Exact)
Course Number	N1
Course Mask	H8
Void Reason Code	N2
Weight Amount	D7

¹ Refer to “Status Flags” on page C-40.

² Refer to “Type Definition” on page C-28.

³ Refer to “Output Link” on page C-33.

⁴ Refer to “Tax Type Definition” on page C-38.

⁵ Refer to “Discount Itemizers” on page C-39.

Discount Detail Table (entry type = 2)

Field Name	Type Code
Detail Type # (2)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Status Flags ¹	H8 (Exact)
Revenue Center Number	N3
Seat Number	N2
Discount Count	N3
Discount Total	D10
Void Link	N4
Discount Number	N9
Discount Type Definition ²	H6 (Exact)
Itemizers ³	H2 (Exact)
Tax Type Definition ⁴	H2 (Exact)
Employee Number (Employee Meals)	N9
Discount Percentage	D7
Order Printer Link ⁵	H6
Privilege Level	N1 (Exact)

¹ Refer to "Status Flags" on page C-40.

² Refer to "Type Definition" on page C-5.

³ Refer to "Itemizers" on page C-6.

⁴ Refer to "Tax Type Definition" on page C-41.

⁵ Refer to "Output Link" on page C-41.

Service Charge Detail Table (entry type = 3) and Service Charge Error Correct Detail Table (entry type = 14)

Field Name	Type Code
Detail Type # (3)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Status Flags ¹	H8 (Exact)
Revenue Center Number	N3
Seat Number	N2
Service Charge Count	N3
Service Charge Total	D10
Void Link	N4
Service Charge Number	N9
Service Charge Type Definition ²	H4 (Exact)
Itemizers ³	H2 (Exact)
Tax Type Definition ⁴	H2 (Exact)
Service Charge Percentage	D7
Authorizing Employee Number	N9 (Exact)
Order Printer Link ⁵	H6 (Exact)
Privilege Level	N1 (Exact)
Void Reason Code	N2

¹ Refer to "Status Flags" on page C-42.

² Refer to "Type Definition" on page C-72.

³ Refer to "Itemizers" on page C-73.

⁴ Refer to "Tax Type Definition" on page C-43.

⁵ Refer to "Output Link" on page C-43.



Automatic service charges and tips recorded via overtendering are not exported in this file.

Tender/Media Detail Table (entry type = 4)

Field Name	Type Code
Detail Type # (4)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Status Flags ¹	H8 (Exact)
Revenue Center Number	N3
Seat Number	N2
Tender/Media Count	N3
Tender/Media Total	D10
Void Link	N4
Tender/Media Number	N9
Tender/Media Type Definition ²	H16 (Exact)
Transaction Number	N4
Employee Number (Employee Meals)	N9
Charged Tip Total	D10
Order Printer Link ³	H6 (Exact)
Currency Number	N2
Privilege Level	N1 (Exact)
PMS Number	N9

Field Name	Type Code
Cashier Number	N3
Expiration Date ⁴	N4

¹ Refer to “Status Flags” on page C-44.

² Refer to “Type Definition - Payment Keys (Type 1)” on page C-83.

³ Refer to “Output Link” on page C-45.

⁴ The Expiration Date comes from the first reference number entry, if there is one. It does not appear in the separate Reference Number Detail Table shown below.

Reference Number Table (entry type = 5)

Field Name	Type Code
Detail Type # (5)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number ¹	N3
Revenue Center Number	N3
Parent Detail Number	N3
Reference Number/Description	A19
Expiration Date	N4
Type Number ²	N2
Track 1 Data	A26

¹ Detail Number refers to the parent detail entry, since reference number entries are continuations of their parent entries.

² Refer to “Detail Type Number” on page C-46.

CA Authorization Detail Table (entry types = 6 through 9)

The CA Authorization Detail Table is made up of entries in detail types 6, 7, 8, and 9. The driver data field is a concatenation of “Driver Data” from detail entry type 8 and “Driver Data Part 2” from detail entry type 7.

Field Name	Type Code
Detail Type # (6 through 9)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Revenue Center Number	N3
Tender/Media Number	N9
Expiration Date	N4
Base Amount	D10
Tip Amount	D10
Authorization Code	A6
CA Transaction Number	N5
CA Batch Number	N5
Type Definition #1 ¹	H4 (Exact)
Account Information	A20
Type Definition #2 ¹	H2 (Exact)
Driver Data	A64
Track 1 Data	A26

¹ Refer to “Type Definition” on page C-46. Note that this field is always exported full length, even if pad_strings is ON.

PMS Itemizer Detail Table (entry type = 10)

Field Name	Type Code
Detail Type # (10)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Revenue Center Number	N3
Itemizer Total	D15
Itemizer Total	D15
Itemizer Total	D15
Itemizer Total	D15
Itemizer Total	D15
Itemizer Total	D15

Check Information Detail Table (entry type 11)

Field Name	Type Code
Detail Type # (11)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Revenue Center Number	N3
Information Line	A32

Banquet Team Service Detail Table (entry type= 12)

Field Name	Type Code
Detail Type # (12)	
Check Number	N4
GUID	H40
Check Open Time	TIME
Detail Number	N3
Revenue Center Number	N3
Team Employee #1	N9
Team Employee #2	N9
Team Employee #3	N9
Team Employee #4	N9
Team Employee #5	N9
Team Employee #6	N9
Team Employee #7	N9
Team Employee #8	N9

Open and Closed Check Totals Files

Scope:Revenue Center

Syntax:open_chk_ttls.[RVC#]

clsd_chk_ttls.[RVC#]

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Revenue Center Number ¹	rvc ¹	N3	3	1 - 999
Check Number	number	N4	4	1 - 9,999
Generated Unique Check Identifier	guid	H20 (Exact)		
Guest Count	covers	N4	4	0 - 9,999
Table Number	tbl	N9	9	1 - 999,999,999
Employee Number	empl	N9	9	1 - 999,999,999
Cashier Number	cshr	N9	9	1 - 999,999,999
UWS Number if Open on System	uws_num	N9	9	1 - 999,999,999
Autofire UWS Number if Open on System	autofire_uws_num	N9	9	1 - 999,999,999
Check Open Time	chk_opn_tm	TIME		
Table Open Time	tbl_opn_tm	TIME		
Check Close Time	chk_close_tm	TIME		
First Check Print Time	first_chk_print_tm	TIME		
Time to Fire	time_to_fire	TIME		
Autofire Revenue Center Number	autofire_rvc_num	N3	3	0 - 999
Autofire Tender Media Printer Mask	autofire_tmed_prntr_mask	H4 (Exact)		
“Transfer/Added To” Rev Ctr Number	xfer_added_to_rvc	N3	3	0 - 999
Transfer From Revenue Center #	xfer_split_from_rvc	N3	3	0 - 999

9700 Database Fields
 Open and Closed Check Totals Files

Field Name	Field Mnemonic	Type Code	Max. Width	Range
“Transfer/Added To” Check Number ²	xfer_added_to_chk_num	N4	4	0 - 9,999
Transfer From Check #/ Split From Chk # ³	xfer_split_from_chk_num	N4	4	0 - 9,999
“Reopened From” Check Number	reopened_from_chk_num	N4	4	0 - 9,999
“Reopened To” Check Number	reopened_to_chk_num	N4	4	0 - 9,999
Number of Active Detail Entries	num_dtl_entries	N5	6	
Closed Seat Map (open chks only) ⁴	clsd_seat_map	H16 (Exact)		
Seat Check Printed Map (open chks only) ⁵	seat_chk_prntd	H16 (Exact)		
Status Flags ⁶	chk_status	H4 (Exact)		
Serving Period Tax Mask ⁷	sprd_tax_mask	H2 (Exact)		
Group Number	grp	N2	2	1 - 99
Order Type	order_type	N1 (Exact)	1	1 - 8
Number of Added Checks Received	chks_added_in_cnt	N3	3	0 - 999
Number of Checks Split Into	chks_split_out_cnt	N3	3	0 - 999
Check Line Find Number	line_find	N2	2	1 - 99
Check Page Number	page_num	N2	2	1 - 99
Checks Printed Count	chk_prt_cnt	N2	2	0 - 99
Check ID	id	A16		
Subtotal Total	sttl	D10	12	10 digits, sign, decimal
Tax Total	tax_ttl	D10	12	10 digits, sign, decimal

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Autogratuity Total	auto_grty_ttl	D10	12	10 digits, sign, decimal
Other Total	other_ttl	D10	12	10 digits, sign, decimal
Payment Total	pymnt_ttl	D10	12	10 digits, sign, decimal
Amount Due Total	amt_due_ttl	D10	12	10 digits, sign, decimal
Language ID (for multilanguage)	lang_id	N10	10	
Last UWS Number	last_uws_num	N4	4	0 - 9,999
Deposit Total	deposit_ttl	D12	12	
Maximum Check Total	max_chk_ttl	D12	12	

¹ This field is inserted by the SQL program, but is not stored in the file.

² If this field is > 0, refer to Status Flag #4 on page C-48.

³ If this field is > 0, refer to Status Flag #3 on page C-48.

⁴ Refer to “Closed Seat Map (Open Checks Only)” on page C-49.

⁵ Refer to “Seat Check Printed Map (Open Checks Only)” on page C-50.

⁶ Refer to “Status Flags” on page C-48.

⁷ This field will always have a value of 00.

Operator Definition File

Scope:Revenue Center

Syntax:optr_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Operator Number	number	N9	9	1 - 999,999,999
Type Definition ¹	type_def	H8 (Exact)		
Cashier Link	cshr	N9	9	1 - 999,999,999
Tracking Group	trgrp	N9	9	1 - 999,999,999
Table Count (current)	tbl_cnt	N3	3	0 - 999
Cash Drawer	cash_dwr	N1	1	0 - 2
Default Touchscreen	dflt_trans_ts_scrn	N3	3	0 - 255
HHT Default Transaction Touchscreen	dflt_hht_trans_ts_scrn	N3	3	0 - 255
SAR Default Transaction Touchscreen	dflt_sar_trans_ts_scrn	N3	3	0 - 255

¹ Refer to “Type Definition” on page C-51.

Operator Totals File

Scope:Revenue Center

Syntax:optr_ttls.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Employee Number ¹	number	N9	9	1 - 999,999,999
Sales Balance Totals:				
Net Sales Total	net_sls_ttl	D15	17	15 digits, sign, decimal
Discounts Count	dsc_cnt	N5	6	5 digits, sign
Discounts Total	dsc_ttl	D15	17	15 digits, sign, decimal
Returned Items Count	rtn_cnt	N5	6	5 digits, sign
Returned Items Total	rtn_ttl	D15	17	15 digits, sign, decimal
Service Charges Count	svc_cnt	N5	6	5 digits, sign
Service Charges Total	svc_ttl	D15	17	15 digits, sign, decimal
Tax Total	tax_ttl	D15	17	15 digits, sign, decimal
Credit Total	credit_ttl	D15	17	15 digits, sign, decimal
Void Control Count	void_cnt	N5	6	5 digits, sign
Void Control Total	void_ttl	D15	17	15 digits, sign, decimal
Error Correct Count	err_crt_cnt	N5	6	5 digits, sign

¹ This field is inserted by the SQL program, but is not stored in the file.

9700 Database Fields
Operator Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Error Correct Total	err_crt_ttl	D15	17	15 digits, sign, decimal
Cancel Control Count	cncl_cnt	N5	6	5 digits, sign
Cancel Control Total	cncl_ttl	D15	17	15 digits, sign, decimal
No Sale Count	no_sale_cnt	N5	6	5 digits, sign
Change in Grand Control Total	chnge_grnd_ttl	D15	17	15 digits, sign, decimal
Check Carry-Over Count	roll_over_cnt	N5	6	5 digits, sign
Check Carry-Over Total	roll_over_ttl	D15	17	15 digits, sign, decimal
Check Begun Count	chk_begun_cnt	N5	6	5 digits, sign
Check Begun Total	chk_begun_ttl	D15	17	15 digits, sign, decimal
Check Paid Count	chk_paid_cnt	N5	6	5 digits, sign
Check Payments Total	chk_paid_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "in" Count	chk_tfd_in_cnt	N10	11	10 digits, sign
Checks Transferred "in" Total	chk_tfd_in_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "out" Count	chk_tfd_out_cnt	N10	11	10 digits, sign
Checks Transferred "out" Total	chk_tfd_out_ttl	D15	17	15 digits, sign, decimal
Rounding Total	rounding_ttl	D10	12	10 digits, sign, decimal

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Sales Profile Totals:				
8 subrecords, each subrecord format:				
Net Sales Total	sls_prof.ordr_type[1 - 8].net_sls_ttl	D15	17	15 digits, sign, decimal
Guests Count	sls_prof.ordr_type[1 - 8].cov_cnt	N10	11	10 digits, sign
Check Count	sls_prof.ordr_type[1 - 8].chk_cnt	N10	11	10 digits, sign
Table Turn Count	sls_prof.tbl_turn_cnt	N10	11	10 digits, sign
Table Dining Time (seconds)	sls_prof.tbl_dine_tm	N10	11	10 digits, sign
Tracking Totals:				
256 subrecords, each subrecord format:				
Count	trgrp[1 - 256].cnt	N10	11	10 digits, sign
Total	trgrp[1 - 256].ttl	D15	17	15 digits, sign, decimal
Financial Report Reset Parameters:				
Reset Count	optr_fncl_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	optr_fncl_rst.rst_date	TIME		
As-of Date	optr_fncl_rst.as_of_date	TIME		
Tip Reporting Totals:				
Gross Receipts/ Food and Beverage	gross_rcpts	D15	17	15 digits, sign, decimal
Charged Receipts	chgd_rcpts	D15	17	15 digits, sign, decimal
Charged Tips	chgd_tips	D15	17	15 digits, sign, decimal
Service Charges	svcs	D15	17	15 digits, sign, decimal
Direct Tips Reported	dir_tips	D15	17	15 digits, sign, decimal

9700 Database Fields
Operator Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Indirect Tips Reported	indir_tips	D15	17	15 digits, sign, decimal
Tips Report Reset Parameters:				
Reset Count	optr_tip_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	optr_tip_rst.rst_date	TIME		
As-of Date	optr_tip_rst.as_of_date	TIME		
Closed Check Report Reset Parameters:				
Reset Count	optr_clsd_chk_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	optr_clsd_chk_rst.rst_date	TIME		
As-of Date	optr_clsd_chk_rst.as_of_date	TIME		

Order Device Table

Scope:Revenue Center

Syntax:order_device_table.[RVC#]

The *Order Device Table* is a part of the Revenue Center overhead group of files; there is one record per Revenue Center. This file is accessed by SQL as a table that always contains 15 rows; one table per Revenue Center.

Each record consists of 15 subrecords. Each subrecord format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Device Number	orddvc[1 - 15].number	N9	9	999,999,999
Backup Device Number	orddvc[1 - 15].bup_dvc	N9	9	999,999,999
Order Device Type	orddvc[1 - 15].local_rmt_type	N1	1	1, 2
Order Device Header	orddvc[1 - 15].orddvc_hdr	A32 (Exact)		
Sort/Consolidation Method	orddvc[1 - 15].sort_type	N1	1	0 - 8
Options ¹	orddvc[1 - 15].orddvc_opts	H4 (Exact)		
Order Device Redirect	orddvc[1 - 15].orddvc_red	N2	2	0 - 15
Max # Lines on Order Chit	orddvc[1 - 15].lines_lmt_req_chit	N4	5	0 - 99,999
VDU Type Definitions ²	orddvc[1 - 15].vdu_type_def	H2 (Exact)		
VDU Screen Configuration	orddvc[1 - 15].vdu_scrn_cfg	N1	1	0 - 2
VDU Order Timeout (seconds)	orddvc[1 - 15].vdu_ordr_timeout	N4	4	0 - 9,999
Order Device Header (for multilanguage)	orddvc[1 - 15].orddvc_hdr_sid	N10		
Order Device Language ID (for multilanguage)	orddvc[1 - 15].lang_id	N10		

¹ Refer to “Order Device Options” on page C-53.

² Refer to “VDU Type Definition” on page C-54.

PC Autosequence File

Scope:System

Syntax:pc_autoseq

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Autosequence #	number	N3	3	0 - 255
Autosequence Name	name_1	A20 (Exact)		
Type Definitions ¹	type_def	H2 (Exact)		
Privilege Group	priv_grp	N1	1	0 - 8
Chain to Autosequence	chain_to	N3	3	0 - 255
16 subrecords, each subrecord format:				
Entry Type	step[1 - 16].entry_type	N1	1	0 - 6
Report Number	step[1 - 16].number	N2	2	0 - 26
Report Subnumber	step[1 - 16].sub_number	N3	3	0 - 255
Report View	step[1 - 16].view	N1	1	0 - 3
Report Revenue Center Select	step[1 - 16].rvc	N3	3	0 - 999
Totals Set Definition 1 - 8	step[1 - 16].ttl_set[1 - 8]	[8 * N3]	3	0 - 257
Report Printer	step[1 - 16].printer	N1	1	0 - 5
Report Range Type	step[1 - 16].range_type	N1	1	0 - 7
Report Range 1 Select	step[1 - 16].range_1_sel	N9	9	999,999,999
Report Range 2 Select	step[1 - 16].range_2_sel	N9	9	999,999,999
Filename	step[1 - 16].file_name	A64 (Exact)		
External Program User I/F Type	step[1 - 16].ext_prg_uif_type	N1	1	0 - 2

¹ Refer to "Type Definition" on page C-55.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Step Type Definition ²	step[1 - 16].ext_prg_type_def	H2 (Exact)		
Reset Report	step[1 - 16].rst_rpt	N1	1	0 - 3
Omit Zeros	step[1 - 16].omit_zeros	N1	1	0 - 3
Call Autosequence	step[1 - 16].call_aseq_num	N3	3	0 - 255
Autosequence Name (for multilanguage)	name_1_sid	N10		

² Refer to “Step Type Definition” on page C-56.

PC Table

Scope: System

Syntax: pc_table

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
PC Number	number	N2	2	1 - 32
Reference	ref_name	A16 (Exact)		
Network Name 2	net_name	A15 (Exact)		
Backup PC Number	bup_pc	N2	2	1 - 32
16 subrecords, each subrecord format:				
Rpt Printer Setup String #1 - #16	lp_setup[1-16].rpt_prntr_setup	H40 (Exact)		
Line Printer Parameter #1 - #16	lp_setup[1-16].lp_parms	A40		
Keyboard Overlay LP Parameters	kybd_ovl_lp_parms	A40		
Lines/Report Page	lines_per_rpt_pg	N2	2	10 - 99
Primary CA Link PC	prim_ca_link_pc_num	N2	2	0 - 32
Backup CA Link PC	bkup_ca_link_pc_num	N2	2	0 - 32
Primary CS Link PC	prim_cs_link_pc_num	N2	2	0 - 32
Backup CS Link PC	bkup_cs_link_pc_num	N2	2	0 - 32
CA Driver Filename	ca_driver_filename	A14 (Exact)		
Disk Full Threshold	disk_full_thresh	N3	3	0 - 255
Location Descriptor	location	N3	3	0 - 255

RCC Table

Scope:System

Syntax:rcc_table

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
RCC Number	number	N9	9	1 - 999,999,999
PC Number	pc_number	N2	2	0 - 32
CC Number	lcc	N1	1	0 - 8
CC Channel Number	lcc_channel	N1	1	0 - 6
RCC Line Type	line_type	N1	1	1, 2
RCC Baud Rate	baud_rate	N1	1	1 - 7
Location Descriptor	location	N3	3	0 - 255

Revenue Center Configuration File

Scope:System

Syntax: rvc_cfg

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Revenue Center Number	rvc	N3	3	1 - 999
Revenue Center	name_1	A16 (Exact)		
PC Name ¹	pc_map	H8 (Exact)		
PC with Check and Status Files	pc_w_chk_file	N2	2	0 - 32
PC with LDS Interface file	pc_w_lds_file	N2	2	0 - 32
Parent Revenue Center	def_file_rvc	N3	3	0 - 999
Maximum Number Open (checks)	max_ochk_ttl	N4	4	1 - 9,999
Maximum Number of Detail Blocks	max_ochk_dtl	N4	4	1 - 9,999
Revenue Center (for multilanguage)	name_1_sid	N10		

¹ Refer to “Active PCs” on page C-59.

Revenue Center Descriptors File

Scope:Revenue Center

Scope: System

Syntax: rvc_desc.[RVC#]

Syntax: rvc_desc

To 9700 SQL, this file appears as system scope (that is, a table containing a row for each Revenue Center), rather than as a Revenue Center level set of separate single-record files, as it is actually stored in the database.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Revenue Center Number ¹	number	N3	3	1 - 999
Customer Receipt Header Line 1 - 3	cust_rcpt_hdr[1 - 3]	A32 (Exact)		
Check Header Line 1 - 3	chk_hdr[1 - 3]	A32 (Exact)		
Training Header Line 1 - 3	training_hdr[1 - 3]	A32 (Exact)		
Check Endorsement Line 1 - 3	chk_endorsement[1 - 3]	A16 (Exact)		
Check Trailer Line 1 - 12	chk_trailer[1 - 12]	[12 * A32]		
GST Check Trailer Line 1 - 6	gst_trailer[1 - 6]	[6 * A32]		
CC Voucher Header Line 1 - 6	cc_header[1 - 6]	[6 * A32]		
CC Voucher Trailer Line 1 - 12	cc_trailer[1 - 12]	[12 * A32]		
“Subtotal”	sttl_name	A16 (Exact)		
“Tax”	tax_name	A16 (Exact)		
“Other”	other_name	A16 (Exact)		

¹ This field is inserted by the SQL program, but is not stored in the file.

9700 Database Fields
Revenue Center Descriptors File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
“Payment”	payment_name	A16 (Exact)		
“Total Due”	ttl_due_name	A16 (Exact)		
“Change Due”	chng_due_name	A16 (Exact)		
“SEAT” Text	seat_txt	A8 (Exact)		
“SHARED” Text	shared_txt	A10 (Exact)		
“ALL SEATS” Text	allseat_txt	A10 (Exact)		
Clock In/Out Status Names:				
Clock In/Out Status Name 1 - 16	clk_io_status_name[1 - 16]	[16 * A16]		
Main Menu Level Names:				
8 subrecords (one for each sub menu level), each subrecord format:				
Menu Level Name	mlvl[1-8].name_1	A8 (Exact)		
Prefix	mlvl[1-8].prefix	A4 (Exact)		
Suffix	mlvl[1-8].suffix	A4 (Exact)		
Menu Level Name	mlvl[1-8].name_1_sid	N10		
Prefix	mlvl[1-8].prefix_sid	N10		
Suffix	mlvl[1-8].suffix_sid	N10		
Sub Menu Level Names:				
8 subrecords (one for each sub menu level), each subrecord format:				
Menu Level Name	slvl[1-8].name_1	A8 (Exact)		
Prefix	slvl[1-8].prefix	A4 (Exact)		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Suffix	slvl[1-8].suffix	A4 (Exact)		
Menu Level Name	slvl[1-8].name_1_sid	N10		
Prefix	slvl[1-8].prefix_sid	N10		
Suffix	slvl[1-8].suffix_sid	N10		
Condiment Group Name 1 - 32	cnmnt_grp_name[1 - 64]	A16 (Exact)		
NLU Name 1 - 32	mi_nlu_name[1 - 32]	A16 (Exact)		
Sales Itemizer Name 1 - 16	sls_itemizer_name[1 - 16]	A16 (Exact)		
Course Name	course_name[1-32]	A16 (Exact)		
TIN Line Descriptor	thai_tin_line_desc	A32 (Exact)		
RD Number Line Descriptor	thai_rd_num_line_desc	A32 (Exact)		
Guest Information Names				
ID	id	A16		
First Name	first_name	A8		
Last Name	last_name	A16		
Address Line 1	address1	A44		
Address Line 2	address2	A44		
Address Line 3	address3	A44		
Phone Number	phone_num	A16		
User-defined Line 1	usertext1	A44		
User-defined Line 2	usertext2	A44		
User-defined Line 3	usertext3	A44		

9700 Database Fields
Revenue Center Descriptors File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Guest Information Prompts	gst_info_prmts[1 - 10]	[10*A16]		
Customer Receipt Header Line 1 - 3 (for multilanguage)	cust_rcpt_hdr_sid[1 - 3]	N10		
Check Header Line 1 - 3 (for multilanguage)	chk_hdr_sid[1 - 3]	N10		
Training Header Line 1 - 3 (for multilanguage)	training_hdr_sid[1 - 3]	N10		
Check Endorsement Line 1 - 3 (for multilanguage)	chk_endorsement_sid[1 - 3]	N10		
Check Trailer Line 1 - 12 (for multilanguage)	chk_trailer_sid[1 - 12]	N10		
GST Check Trailer Line 1 - 6 (for multilanguage)	gst_trailer_sid[1 - 6]	N10		
CC Voucher Header Line 1 - 6 (for multilanguage)	cc_header_sid[1 - 6]	N10		
CC Voucher Trailer Line 1 - 12 (for multilanguage)	cc_trailer_sid[1 - 12]	N10		
“Subtotal” (for multilanguage)	sttl_name_sid	N10		
“Tax” (for multilanguage)	tax_name_sid	N10		
“Other” (for multilanguage)	other_name_sid	N10		
“Payment” (for multilanguage)	payment_name_sid	N10		
“Total Due” (for multilanguage)	ttdue_name_sid	N10		
“Change Due” (for multilanguage)	chnge_due_name_sid	N10		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
“SEAT” Text (for multilanguage)	seat_txt_sid	N10		
“ALL SEATS” Text (for multilanguage)	allseat_txt_sid	N10		
Clock In/Out Status Name 1 - 16 (for multilanguage)	clk_io_status_name_sid[1 - 16]	N10		
Condiment Group Name 1 - 32 (for multilanguage)	cndmnt_grp_name_sid[1 - 64]	N10		
NLU Name 1 - 32 (for multilanguage)	mi_nlu_name_sid[1 - 32]	N10		
Sales Itemizer Name 1 - 16 (for multilanguage)	sls_itemizer_name_sid[1 - 16]	N10		
Course Name (for multilanguage)	course_name_sid[1 - 32]	N10		
TIN Line Descriptor (for multilanguage)	thai_tin_line_desc_sid	N10		
RD Number Line Descriptor (for multilanguage)	thai_rd_num_line_desc_sid	N10		
Guest Information Prompts (for multilanguage)	gst_info_prmts_sid[1 - 10]	N10		

Revenue Center Parameters File

Scope:Revenue Center

Scope: System

Syntax: rvc_parm.[RVC#]

Syntax: rvc_parm

To 9700 SQL, this file appears as system scope (that is, a table containing a row for each Revenue Center), rather than as a Revenue Center level set of separate single-record files, as it is actually stored in the database.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Revenue Center Number ¹	number	N3	3	1 - 999
Table Count	tbl_cnt	N4	4	0 - 9,999
Serving Period	sprd	N9	9	999,999,999
Default Cash Tender/ Media Number	dflt_cash_tmed_num	N9	9	999,999,999
Default Bank Loan Tender/Media	dflt_bank_tmed_num	N9	9	999,999,999
Automatic Service Charge	auto_svc_num	N9	9	999,999,999
# Guests Before Auto Service Charge	num_covers_before_auto_svc	N4	4	0 - 9,999
Cover Charge	cover_svc_num	N9	9	999,999,999
Tracking Group Number	trgrp	N9	9	999,999,999
Default Order Type	dflt_order_type	N1	1	0 - 4
Line Feed Before Order Output Header	lfs_bf_ordr_req	N2	2	0 - 99
# Lines on First Guest Check Page	lines_on_1st_chk_pg	N2	2	0 - 99
Line Feeds Before First Guest Check Page	lfs_bf_1st_chk_pg	N2	2	0 - 99

¹ This field is inserted by the SQL program, but is not stored in the file.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Line Feeds on Other Guest Check Pages	lines_on_othr_chk_pg	N2	2	0 - 99
Line Feeds Before Other Guest Check Pages	lfs_bf_othr_chk_pg	N2	2	0 - 99
Minimum Lines Per Roll Check/Receipt	min_lines_per_chk	N2	2	0 - 99
Options ²	option	H14 (Exact)		
Format (options) ³	format_option	H14 (Exact)		
Prompt and Confirm (options) ⁴	prompt_option	H4 (Exact)		
Posting (options) ⁵	posting_option	H4 (Exact)		
Control (options) ⁶	control_option	H8 (Exact)		
Taxes (options) ⁷	tax_option	H6 (Exact)		
CA/EDC (options) ⁸	ca_option	H6 (Exact)		
HHT (options) ⁹	hht_option	H4 (Exact)		
Table Management System (options) ¹⁰	tms_option	H2 (Exact)		

² Refer to “Option Codes” on page C-60.

³ Refer to “Format Options” on page C-62.

⁴ Refer to “Prompt/Confirm Options” on page C-64.

⁵ Refer to “Posting Options” on page C-65.

⁶ Refer to “Control Options” on page C-66.

⁷ Refer to “Tax Option Codes” on page C-67.

⁸ Refer to “CA/EDC Option Codes” on page C-68.

⁹ Refer to “HHT Option Codes” on page C-70.

¹⁰ Refer to “TMS Option Codes” on page C-70.

9700 Database Fields
Revenue Center Parameters File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Order Types:				
8 subrecords, each subrecord format:				
Order Type Type Definition ¹¹	order_type[1 - 8].type_def	H4 (Exact)		
Auto Menu Level Table:				
8 subrecords, each subrecord format:				
Transaction Menu Level Defaults	menu_lvl[1 - 8].dflt_mlvl	N2	2	00 - 99
Type Definition ¹²	menu_lvl[1 - 8].mlvl_type_def	H2 (Exact)		
Start	menu_lvl[1 - 8].start_tm	A5	5	00:00 - 23:59
End	menu_lvl[1 - 8].end_tm	A5	5	00:00 - 23:59
Transaction Menu Level Defaults	trans_dflt_mlvl	N2	2	00 - 88
Add/Transfer Revenue Center	pup_adx_rvc[1-8]	[8 * N3]	3	0 - 999
PMS Parameters:				
PMS Link 1 - 8	pms_lnk[1 - 8]	[8 * N3]	3	0 - 128
Other Parameters:				
Screen Sort Type	scrn_sort_type	N1	1	0 - 8
Customer Receipt Sort Type	rcpt_sort_type	N1	1	0 - 8
Check Sort Type	chk_sort_type	N1	1	0 - 8
NLU/Condiment Help Screen Sort Type	nlu_cndmnt_hlp_sort	N1	1	0 - 2
Barcode Menu Item NLU Group #	barcode_mi_nlu	N2	2	0 - 32

¹¹ Refer to "Order Type Definitions" on page C-71.

¹² Refer to "Auto Menu Level Definitions" on page C-71.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Number of Checks Printed before Authorization	chk_prt_bf_auth	N2	2	0 - 99
Min. Guest Check #	chk_num_min	N4	5	9,999
Max. Guest Check #	chk_num_max	N4	5	9,999
Automatic Operator "Pop-up" Interval (minutes)	auto_pup_mins	N3	3	0 - 120
Automatic Operator "Pop-up" Interval (seconds)	auto_pup_secs	N2	2	0 - 59
Number of Guest Check Information Lines	chk_info_lines	N2	2	0 - 30
TMS Link	tms_lnk	N3	2	0 - 128
Minimum Revenue Center Serial #1	min_rvc_ser_num_1	N9	4	1 - 9998
Maximum Revenue Center Serial #1	max_rvc_ser_num_1	N9	4	2 - 9999
Minimum Revenue Center Serial #2	min_rvc_ser_num_2	N9	4	1 - 9998
Maximum Revenue Center Serial #2	max_rvc_ser_num_2	N9	4	2 - 9999
Autofire Workstation	autofire_uws_num	N9	4	0 - 999999999
Autofire Checks Allowed	max_autofire_chk_num	N9	4	0 - 9999
Default Autofire Tender/Media	dflt_autofire_tmed_num	N9	4	0 - 999999999
Taiwanese GUI Parameters:				
GUI Tax Number Prefix	tax_number_prefix	A2 (Exact)		
End of Range Threshold	range_thresh	N3	3	0 - 999

9700 Database Fields
Revenue Center Parameters File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
TMS Parameters:				
TMS Operator	tms_optr_num	N9	9	999,999,999
TMS User Workstation	tms_uws_num	N9	9	999,999,999
Confirm Number of Guests Threshold	gst_prmt	N3	3	0 - 999 Initial Value = 9
Credit Card Drivers ID	cc_driver_id	N9	9	0 - 999,999,999

Revenue Center Serial Number File

Scope: Revenue Center

Syntax: rvc_serial_status

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Serial Number 1	serial_number[1]	N9	4	0 - 9,999
Serial Number 2	serial_number[2]	N9	4	0 - 9,999

Revenue Center Status File

Scope:Revenue Center

Scope: System

Syntax: rvc_status.[RVC#]

Syntax: rvc_status

To 9700 SQL, this file appears as system scope (that is, a table containing a row for each Revenue Center), rather than as a Revenue Center-level set of separate single-record files, as it is actually stored in the database.

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Revenue Center Number ¹	number	N3	6	1 - 999
Next Check Number	next_chk	N4	6	1 - 9,999

¹ This field is inserted by the SQL program, but is not stored in the file.

Revenue Center Totals File

Scope:Revenue Center

Scope: System

Syntax: rvc_ttls.[RVC#]

Syntax: rvc.ttls

To 9700 SQL, this file appears as system scope (that is, a table containing a row for each Revenue Center), rather than as a Revenue Center level set of separate single-record files, as it is actually stored in the database.

For current totals, the As-of Date field for each Revenue Center report is drawn from the Time Totals Last Updated field from the PC on which the Revenue Center resides. For other periods, (P1 - P9), the As-of Date field indicates the date and time that a particular totals set was last updated. Refer to “Time Totals Last Updated” on page B-145.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Revenue Center Number ¹	number	N3	6	1 - 999
Sales Balance Totals:				
Net Sales Total	net_sls_ttl	D15	17	15 digits, sign, decimal
Discounts Count	dsc_cnt	N10	11	10 digits, sign
Discounts Total	dsc_ttl	D15	17	15 digits, sign, decimal
Returned Items Count	rtn_cnt	N10	11	10 digits, sign
Returned Items Total	rtn_ttl	D15	17	15 digits, sign, decimal
Service Charges Count	svc_cnt	N10	11	10 digits, sign
Service Charges Total	svc_ttl	D15	17	15 digits, sign, decimal

¹ This field is inserted by the SQL program, but is not stored in the file.

9700 Database Fields
Revenue Center Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Tax Total	tax_ttl	D15	17	15 digits, sign, decimal
Credit Total	credit_ttl	D15	17	15 digits, sign, decimal
Void Control Count	void_cnt	N10	11	10 digits, sign
Void Control Total	void_ttl	D15	17	15 digits, sign, decimal
Error Correct Count	err_crt_cnt	N10	11	10 digits, sign
Error Correct Total	err_crt_ttl	D15	17	15 digits, sign, decimal
Cancel Control Count	cncl_cnt	N10	11	10 digits, sign
Cancel Control Total	cncl_ttl	D15	17	15 digits, sign, decimal
No Sale Count	no_sale_cnt	N10	11	10 digits, sign
Change in Grand Control Total	chnge_grnd_ttl	D15	17	15 digits, sign, decimal
Training Control Total	training_ttl	D15	17	15 digits, sign, decimal
Grand Control Total	grnd_ttl	D15	17	15 digits, sign, decimal
Check Carry-Over Count	roll_over_cnt	N10	11	10 digits, sign
Check Carry-Over Total	roll_over_ttl	D15	17	15 digits, sign, decimal

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Check Begun Count	chk_begun_cnt	N10	11	10 digits, sign
Check Begun Total	chk_begun_ttl	D15	17	15 digits, sign, decimal
Check Paid Count	chk_paid_cnt	N10	11	10 digits, sign
Check Payments Total	chk_paid_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "in" Count	chk_tfd_in_cnt	N10	11	10 digits, sign
Checks Transferred "in" Total	chk_tfd_in_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "out" Count	chk_tfd_out_cnt	N10	11	10 digits, sign
Checks Transferred "out" Total	chk_tfd_out_ttl	D15	17	15 digits, sign, decimal
Rounding Total	rounding_ttl	D10	11	10 digits, sign
Sales Profile Totals:				
8 subrecords, each subrecord format:				
Net Sales Total	sls_prof.ordr_type[1 - 8].net_sls_ttl	D15	17	15 digits, sign, decimal
Guests Count	sls_prof.ordr_type[1 - 8].cov_cnt	N10	11	10 digits, sign
Check Count	sls_prof.ordr_type[1 - 8].chk_cnt	N10	11	10 digits, sign
Table Turn Count	sls_prof.tbl_turn_cnt	N10	11	10 digits, sign
Table Dining Time (seconds)	sls_prof.tbl_dine_tm	N10	11	10 digits, sign

9700 Database Fields
Revenue Center Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Tracking Totals:				
128 subrecords, each record format:				
Count	trgrp[1 - 128].cnt	N10	11	10 digits, sign
Total	trgrp[1 - 128].ttl	D15	17	15 digits, sign, decimal
Financial Report Reset Parameters:				
Reset Count	rvc_fncl_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	rvc_fncl_rst.rst_date	TIME		
As-of Date	rvc_fncl_rst.as_of_date	TIME		
Tax Related Totals:				
Non-Taxable Sales Total	notax_sls_ttl	D15	17	15 digits, sign, decimal
8 subrecords (one for each tax type), each record format:				
Taxable Sales Total	sub_rcd[1 - 8].txbl_sls_ttl	D15	17	15 digits, sign, decimal
Tax Exempt Sales Total	sub_rcd[1 - 8].tax_exmpt_sls_ttl	D15	17	15 digits, sign, decimal
Tax Collected Total	sub_rcd[1 - 8].tax_coll_ttl	D15	17	15 digits, sign, decimal
Tax Summary Report Reset Parameters:				
Reset Count	rvc_tax_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	rvc_tax_rst.rst_date	TIME		
As-of Date	rvc_tax_rst.as_of_date	TIME		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Tip Reporting Totals (IRS Form 8027):				
Gross Receipts/Food and Beverage	gross_rcpts	D15	17	15 digits, sign, decimal
Charged Receipts	chgd_rcpts	D15	17	15 digits, sign, decimal
Charged Tips	chgd_tips	D15	17	15 digits, sign, decimal
Service Charges	svcs	D15	17	15 digits, sign, decimal
Direct Tips Reported	dir_tips	D15	17	15 digits, sign, decimal
Indirect Tips Reported	indir_tips	D15	17	15 digits, sign, decimal
Tips Paid Total	tips_paid	D15	17	15 digits, sign, decimal
Revenue Center Tip Report Reset Parameters:				
Reset Count	rvc_tip_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	rvc_tip_rst.rst_date	TIME		
As-of Date	rvc_tip_rst.as_of_date	TIME		
Major Group Sales Summary Totals:				
Sales Count	maj_grp.sls_cnt	N10	11	10 digits, sign
Sales Total	maj_grp.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	maj_grp.itm_dsc_ttl	D15	17	15 digits, sign, decimal

9700 Database Fields
Revenue Center Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Other Discount Total	maj_grp.other_dsc_ttl	D15	17	15 digits, sign, decimal
Major Group Sales Report Reset Parameters:				
Reset Count	mgrp_sls_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mgrp_sls_rst.rst_date	TIME		
As-of Date	mgrp_sls_rst.as_of_date	TIME		
Major Group Food Cost Summary Totals:				
Sales Count	mgrp_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	mgrp_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	mgrp_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	mgrp_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Major Group Food Cost Report Reset Parameters:				
Reset Count	mgrp_fd_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mgrp_fd_rst.rst_date	TIME		
As-of Date	mgrp_fd_rst.as_of_date	TIME		
Family Group Summary Totals:				
Sales Count	fam_grp.sls_cnt	N10	11	10 digits, sign
Sales Total	fam_grp.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	fam_grp.itm_dsc_ttl	D15	17	15 digits, sign, decimal

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Other Discount Total	fam_grp.other_dsc_ttl	D15	17	15 digits, sign, decimal
Family Group Sales Report Reset Parameters:				
Reset Count	fgrp_sls_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	fgrp_sls_rst.rst_date	TIME		
As-of Date	fgrp_sls_rst.as_of_date	TIME		
Family Group Food Cost Summary Totals:				
Sales Count	fgrp_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	fgrp_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	fgrp_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	fgrp_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Family Group Food Cost Report Reset Parameters:				
Reset Count	fgrp_fd_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	fgrp_fd_rst.rst_date	TIME		
As-of Date	fgrp_fd_rst.as_of_date	TIME		
Menu Item Master Sales Summary Totals:				
Sales Count	mi_master.sls_cnt	N10	11	10 digits, sign
Sales Total	mi_master.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	mi_master.itm_dsc_ttl	D15	17	15 digits, sign, decimal

9700 Database Fields
Revenue Center Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Other Discount Total	mi_master.other_dsc_ttl	D15	17	15 digits, sign, decimal
Menu Item Master Sales Report Reset Parameters:				
Reset Count	mi_master_smy_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_master_smy_rst.rst_date	TIME		
As-of Date	mi_master_smy_rst.as_of_date	TIME		
Menu Item Master Food Cost Summary Totals:				
Sales Count	mi_master_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	mi_master_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	mi_master_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	mi_master_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Menu Item Master Food Cost Report Reset Parameters:				
Reset Count	mi_master_fd_cst_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_master_fd_cst_rst.rst_date	TIME		
As-of Date	mi_master_fd_cst_rst.as_of_date	TIME		
Menu Item Sales Summary Totals:				
Sales Count	mi.sls_cnt	N10	11	10 digits, sign
Sales Total	mi.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	mi.itm_dsc_ttl	D15	17	15 digits, sign, decimal

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Other Discount Total	mi.other_dsc_ttl	D15	17	15 digits, sign, decimal
Menu Item Sales Report Reset Parameters:				
Reset Count	mi_smy_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_smy_rst.rst_date	TIME		
As-of Date	mi_smy_rst.as_of_date	TIME		
Menu Item Food Cost Summary Totals:				
Sales Count	mi_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	mi_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	mi_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	mi_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Menu Item Food Cost Report Reset Parameters:				
Reset Count	mi_fd_cst_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_fd_cst_rst.rst_date	TIME		
As-of Date	mi_fd_cst_rst.as_of_date	TIME		
Time Period Summary Totals:				
8 subrecords, each subrecord format:				
Net Sales Total	tmprd.ordr_type[1 - 8].net_sls_ttl	D15	17	15 digits, sign, decimal
Guests Count	tmprd.ordr_type[1 - 8].cov_cnt	N10	11	10 digits, sign
Check Count	tmprd.ordr_type[1 - 8].chk_cnt	N10	11	10 digits, sign
Table Turn Count	tmprd.tbl_turn_cnt	N10	11	10 digits, sign

9700 Database Fields
Revenue Center Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Table Dining Time (seconds)	tmprd.tbl_dine_tm	N10	11	10 digits, sign
Posted Labor Total	tmprd_sum.posted_lab_ttl	D15	17	15 digits, sign, decimal
Posted Time Worked Count	tmprd_sum.posted_seconds_wkd	N10	11	10 digits, sign
Posted Time Labor Total	tmprd_sum.rpt_time_lab_ttl	D15	17	15 digits, sign, decimal
Posted Time Time Worked Count	tmprd_sum.rpt_time_seconds_wkd	N10	11	10 digits, sign
Time Period Report Reset Parameters:				
Reset Count	tprd_dtl_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	tprd_dtl_rst.rst_date	TIME		
As-of Date	tprd_dtl_rst.as_of_date	TIME		
Serving Period Financial Report Reset Parameters:				
Reset Count	sprd_fncl_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	sprd_fncl_rst.rst_date	TIME		
As-of Date	sprd_fncl_rst.as_of_date	TIME		
Table Report Reset Parameters:				
Reset Count	tbl_sls_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	tbl_sls_rst.rst_date	TIME		
As-of Date	tbl_sls_rst.as_of_date	TIME		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Job Code Summary Totals:				
Net Sales Revenue	job_code.net_sls_ttl	D15	17	15 digits, sign, decimal
Posted Labor Total	job_code.posted_lab_ttl	D15	17	15 digits, sign, decimal
Posted Time Worked Count	job_code.posted_seconds_wkd_cnt	N10	11	10 digits, sign
Report Time Labor Total	job_code.rpt_time_lab_ttl	D15	17	15 digits, sign, decimal
Report Time Tm Wkd Count	job_code.rpt_time_seconds_wkd_cnt	N10	11	10 digits, sign
Job Code Report Reset Parameters:				
Reset Count	jcod_lab_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	jcod_lab_rst.rst_date	TIME		
As-of Date	jcod_lab_rst.as_of_date	TIME		

RW Access File

Scope:System

Syntax: rw_access

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
8 subrecords, each subrecord format:				
Access Level Name	name_1[1 - 8]	A16 (Exact)		
Reset Access Lvl Number	can_reset	N1 (Exact)	1	0 - 8
Reset-no-print Access Lvl Number	can_reset_no_print	N1 (Exact)	1	0 - 8
System Financial Rpt Access Lvl	sys_fncl	N1 (Exact)	1	0 - 8
Rev Ctr Financial Rpt Access Lvl	rvc_fncl	N1 (Exact)	1	0 - 8
Income Audit Rpt Access Lvl	ia	N1 (Exact)	1	0 - 8
System Tax Smy Rpt Access Lvl	sys_tax_sum	N1 (Exact)	1	0 - 8
Rev Ctr Tax Smy Rpt Access Lvl	rvc_tax_sum	N1 (Exact)	1	0 - 8
Establishment Tip Rpt Access Lvl	est_tip	N1 (Exact)	1	0 - 8
Rev Ctr Tip Rpt Access Lvl	rvc_tip	N1 (Exact)	1	0 - 8
Employee Financial Rpt Access Lvl	empl_fncl	N1 (Exact)	1	0 - 8
Employee Open Check Rpt Access Lvl	empl_open_chk	N1 (Exact)	1	0 - 8
Employee Closed Chk Rpt Access Lvl	empl_closed_chk	N1 (Exact)	1	0 - 8

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Employee Tip Rpt Access Lvl	empl_tip	N1 (Exact)	1	0 - 8
Employee Labor Dtl Rpt Access Lvl	empl_labor_dtl	N1 (Exact)	1	0 - 8
Employee Labor Smy Rpt Access Lvl	empl_labor_sum	N1 (Exact)	1	0 - 8
Employee Open LDS Rpt Access Lvl	empl_open_lds	N1 (Exact)	1	0 - 8
Cashier Financial Rpt Access Lvl	cshr_fncl	N1 (Exact)	1	0 - 8
Major Group Rpt Access Lvl	mgrp	N1 (Exact)	1	0 - 8
Family Group Rpt Access Lvl	fgrp	N1 (Exact)	1	0 - 8
Menu Item Rpt Access Lvl	mi	N1 (Exact)	1	0 - 8
Menu Engineering Rpt Access Lvl	me	N1 (Exact)	1	0 - 8
Time Period Dtl Rpt Access Lvl	tprd_dtl	N1 (Exact)	1	0 - 8
Time Period Smy Rpt Access Lvl	tprd_sum	N1 (Exact)	1	0 - 8
Serv Prd Financial Rpt Access Lvl	sprd_fncl	N1 (Exact)	1	0 - 8
Table Sales Rpt Access Lvl	tbl_sls	N1 (Exact)	1	0 - 8
Clock In Status Rpt Access Lvl	clk_in_status	N1 (Exact)	1	0 - 8
Labor Availability Rpt Access Lvl	labor_avail	N1 (Exact)	1	0 - 8
Job Code Labor Rpt Access Lvl	job_code_labor	N1 (Exact)	1	0 - 8
Employee Autofire Report Access Lvl	empl_autofire	N1 (Exact)	1	0 - 8

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Void Reason Report Access Lvl	void_reason	N1 (Exact)	1	0 - 8
Void Control Report Access Lvl	void_control	N1 (Exact)	1	0 - 8
Link Status Access Lvl	opms_link_status	N1 (Exact)	1	0 - 8
Summary Access Lvl	opms_summary	N1 (Exact)	1	0 - 8
Detail Access Lvl	opms_detail	N1 (Exact)	1	0 - 8
Expired Passwords Access Lvl	pwd_exp_rpt	N1 (Exact)	1	0 - 8
Reserved 1		N1 (Exact)	1	0 - 8
Reserved 2		N1 (Exact)	1	0 - 8
Reserved 3		N1 (Exact)	1	0 - 8
Reserved 4		N1 (Exact)	1	0 - 8
Reserved 5		N1 (Exact)	1	0 - 8
Reserved 6		N1 (Exact)	1	0 - 8
Reserved 7		N1 (Exact)	1	0 - 8
Reserved 8		N1 (Exact)	1	0 - 8
Reserved 9		N1 (Exact)	1	0 - 8
Reserved 10		N1 (Exact)	1	0 - 8
Reserved 11		N1 (Exact)	1	0 - 8

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Reserved 12		N1 (Exact)	1	0 - 8
Reserved 13		N1 (Exact)	1	0 - 8
Reserved 14		N1 (Exact)	1	0 - 8
Reserved 15		N1 (Exact)	1	0 - 8
Reserved 16		N1 (Exact)	1	0 - 8
Reserved 17		N1 (Exact)	1	0 - 8
Reserved 18		N1 (Exact)	1	0 - 8
Reserved 19		N1 (Exact)	1	0 - 8
Reserved 20		N1 (Exact)	1	0 - 8
Access Level Name (for multilanguage)	name_1_sid[1 - 8]	N10		

Service Charge Definition File

Scope:System

Syntax:svc_def

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Service Charge Number	number	N9	9	1 - 999,999,999
Name	name_1	A16 (Exact)		
Tax Class	tax_class	N3	3	0 - 255
Type Definitions ¹	type_def	H4 (Exact)		
Itemizers ²	itemizers	H2 (Exact)		
Printer Link ³	prntr_lnk	H6 (Exact)		
NLU	nlu	N3	3	0 - 255
SLU	slu	N1	1	0 - 8
HHT SLU	hht_slu	N1	1	0 - 8
Main-menu Level ⁴	mlvl_lnk	H2 (Exact)		
Sub-menu Level ⁵	slvl_lnk	H2 (Exact)		
Main Menu Pop-up ⁶	menu_lvl_pup	N2 (Exact)	2	00 - 99
Percent	pcnt	D7	8	000.0000 - 100.0000
Amount	dolr	D10	12	10 digits, decimal
Tips Paid Tender/Media	tip_paid_tmed	N9	9	1 - 999,999,999
Percentage to Tips Paid	tip_paid_pcnt	N7	8	000.0000 - 100.0000
Privilege Group	priv_grp	N1	1	0 - 3

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Icon	icon_id	N5	5	0 - 99999
Name (for multilanguage)	name_1_sid	N10		

¹ Refer to “Type Definition” on page C-72.

² Refer to “Itemizers” on page C-73.

³ Refer to “Output Link” on page C-73.

⁴ Refer to “Main Menu Level Link” on page C-34.

⁵ Refer to “Sub Menu Level Link” on page C-34.

⁶ The first digit provides the Main Level pop-up; the second provides the Sub-Level pop-up.

Serving Period Definition File

Scope:Revenue Center

Syntax:srv_period_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Serving Period Number	number	N9	9	1 - 999,999,999
Name	name_1	A16 (Exact)		
Tracking Group	trgrp	N9	9	1 - 999,999,999
Table Count	tbl_cnt	N4	4	0 - 9999
Menu Level ¹	sprd_mlvl_pup	N2	2	00 - 88
Start Time	start_tm	N4	5	00:00 - 23:59
End Time	end_tm	N4	5	00:00 - 23:59
Tax Enable ²	tax_enable	H2 (Exact)		
Tax Type Definition ³	tax_type_def	H2 (Exact)		
Default Transaction Touchscreen	trans_ts_scrn	N3	3	0 - 255
HHT Default Transaction Touchscreen	hht_trans_ts_scrn	N3	3	0 - 255
SAR Default Transaction Touchscreen	sar_trans_ts_scrn	N3	3	0 - 255

¹ The first digit provides the Main Level pop-up; the second provides the Sub-Level pop-up.

² Refer to "Tax Enable" on page C-74.

³ Refer to "Tax Options" on page C-74.

Serving Period Totals File

Scope:Revenue Center

Syntax:srv_period_ttls.[RVC#]

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Serving Period Number ¹	number	N9	9	1 - 999,999,999
Sales Balance Totals:				
Net Sales Total	net_sls_ttl	D15	17	15 digits, sign, decimal
Discounts Count	dsc_cnt	N10	11	10 digits, sign
Discounts Total	dsc_ttl	D15	17	15 digits, sign, decimal
Returned Items Count	rtn_cnt	N10	11	10 digits, sign
Returned Items Total	rtn_ttl	D15	17	15 digits, sign, decimal
Service Charges Count	svc_cnt	N10	11	10 digits, sign
Service Charges Total	svc_ttl	D15	17	15 digits, sign, decimal
Tax Total	tax_ttl	D15	17	15 digits, sign, decimal
Credit Total	credit_ttl	D15	17	15 digits, sign, decimal
Void Control Count	void_cnt	N10	11	10 digits, sign
Void Control Total	void_ttl	D15	17	15 digits, sign, decimal
Error Correct Count	err_crt_cnt	N10	11	10 digits, sign
Error Correct Total	err_crt_ttl	D15	17	15 digits, sign, decimal
Cancel Control Count	cncl_cnt	N10	11	10 digits, sign
Cancel Control Total	cncl_ttl	D15	17	15 digits, sign, decimal

¹ This field is inserted by the SQL program, but is not stored in the file.

9700 Database Fields
Serving Period Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
No Sale Count	no_sale_cnt	N10	11	10 digits, sign
Change in Grand Control Total	chnge_grnd_ttl	D15	17	15 digits, sign, decimal
Check Begun Count	chk_begun_cnt	N10	11	10 digits, sign
Check Begun Total	chk_begun_ttl	D15	17	15 digits, sign, decimal
Check Paid Count	chk_paid_cnt	N10	11	10 digits, sign
Check Payments Total	chk_paid_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "in" Count	chk_tfd_in_cnt	N10	11	10 digits, sign
Checks Transferred "in" Total	chk_tfd_in_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "out" Count	chk_tfd_out_cnt	N10	11	10 digits, sign
Checks Transferred "out" Total	chk_tfd_out_ttl	D15	17	15 digits, sign, decimal
Rounding Total	rounding_ttl	D10		
Sales Profile Totals:				
8 subrecords, each subrecord format:				
Net Sales Total	sls_prof.ordr_type[1 - 8].net_sls_ttl	D15	17	15 digits, sign, decimal
Guests Count	sls_prof.ordr_type[1 - 8].cov_cnt	N10	11	10 digits, sign
Check Count	sls_prof.ordr_type[1 - 8].chk_cnt	N10	11	10 digits, sign
Table Turn Count	sls_prof.tbl_turn_cnt	N10	11	10 digits, sign
Table Dining Time (seconds)	sls_prof.tbl_dine_tm	N10	11	10 digits, sign

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Tracking Totals:				
256 subrecords, each record format:				
Count	trgrp[1 - 256].cnt	N10	11	10 digits, sign
Total	trgrp[1 - 256].ttl	D15	17	15 digits, sign, decimal

Stored Value Card Driver File

Scope:Revenue Center

Syntax: usvcd_if_def

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
PMS Interface Link	intfc_number	N2	2	0 - 99
Default Check Detail Items:				
Issue	dflt_svc_issue_item	N9	9	0 - 999,999,999
Activate	dflt_svc_activate_item	N9	9	0 - 999,999,999
Reload	dflt_svc_reload_item	N9	9	0 - 999,999,999
Points	dflt_svc_issue_points_item	N9	9	0 - 999,999,999
Redeem	dflt_svc_redeem_item	N9	9	0 - 999,999,999
Redeem Points	dflt_svc_redeem_points_item	N9	9	0 - 999,999,999
Cash Out	dflt_svc_cash_out_item	N9	9	0 - 999,999,999
Coupon	dflt_svc_coupon_item	N9	9	0 - 999,999,999
Not Used				
Not Used				
Not Used				
Number of Receipts to Print:				
Issue	num_svc_issue_receipts	N2	2	0 - 9
Activate	num_svc_activate_receipts	N2	2	0 - 9
Reload	num_svc_reload_receipts	N2	2	0 - 9
Redeem	num_svc_redeem_receipts	N2	2	0 - 9
Authorization	num_svc_redeem_auth_receipts	N2	2	0 - 9
Other	num_svc_other_receipts	N2	2	0 - 9

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Stored Value Card Descriptors:				
Gift Card Header	sv_gift_card_header[1-6]	A32		
Gift Card Trailer	sv_gift_card_trailer[1-12]	A32		
Points Header	sv_points_header[1-6]	A32		
Points Trailer	sv_points_trailer[1-12]	A32		
Authorization Header	sv_auth_header[1-6]	A32		
Authorization Trailer	sv_auth_trailer[1-12]	A32		
Authorization w/Tip Header	sv_auth_header_wtip[1-6]	A32		
Authorization w/Tip Trailer	sv_auth_trailer_wtip[1-12]	A32		
Coupon Header	sv_coupon_header[1-6]	A32		
Coupon Trailer	sv_coupon_trailer[1-12]	A32		
Other Header	sv_other_header[1-6]	A32		
Other Trailer	sv_other_trailer[1-12]	A32		
Not Used				
Not Used				

System Descriptors File

Scope:System

Syntax:sys_desc

Field Name	Field Mnemonic	Type Code
Property Name	property_name	A32 (Exact)
Discount SLU Touchscreens	dsc_slu_name[1 - 8]	A16 (Exact)
Service Charge Touchscreens	svc_slu_name[1 - 8]	A16 (Exact)
Tender/Media Touchscreens	tmed_slu_name[1 - 8]	A16 (Exact)
HHT Discounts SLU	dsc_hht_slu_name[1 - 8]	A16 (Exact)
HHT Service Charge SLU	svc_hht_slu_name[1 - 8]	A16 (Exact)
HHT Tender SLU	tmed_hht_slu_name[1 - 8]	A16 (Exact)
Discount Itemizers	dsc_itmzr_name[1 - 15]	A16 (Exact)
Service Charge Itemizers	svc_itmzr_name[1 - 8]	A16 (Exact)
Void Reason Codes	reason_name[1-32]	A16 (Exact)
Property Name (for multilanguage)	property_name_sid	
Discount SLU Touchscreens (for multilanguage)	dsc_slu_name_sid[1 - 8]	
Service Charge Touchscreens (for multilanguage)	svc_slu_name_sid[1 - 8]	
Tender/Media Touchscreens (for multilanguage)	tmed_slu_name_sid[1 - 8]	
HHT Discounts SLU (for multilanguage)	dsc_hht_slu_name_sid[1 - 8]	
HHT Service Charge SLU (for multilanguage)	svc_hht_slu_name_sid[1 - 8]	
HHT Tender SLU (for multilanguage)	tmed_hht_slu_name_sid[1 - 8]	
Discount Itemizers (for multilanguage)	dsc_itmzr_name_sid[1 - 15]	
Service Charge Itemizers (for multilanguage)	svc_itmzr_name_sid[1 - 8]	
Void Reason Codes (for multilanguage)	reason_name_sid[1-32]	

System Parameters File

Scope: System

Syntax: sys_parm

Field Name	Field Mnemonic	Type Code	Max. Width	Range
General Parameters:				
Tracking Group Number	trgrp	N9	9	0 - 999,999,999
System Table Count	tbl_cnt	N4	4	0 - 9,999
Max. Number Check Detail Entries	max_chk_dtl	N3	3	20 - 10000 (WinStation only) 20 - 500 (all other clients)
PC Containing Time Card files ¹	tm_crd_pc	N2	2	0 - 32
PC Containing Audit Trail file ¹	audit_trail_pc	N2	2	0 - 32
PC Containing System Serial Numbers ¹	ser_num_pc	N2	2	0 - 32
Euro or National Currency	alt_curr_seq	N2	2	0 - 30
Minimum System Serial #1	min_sys_ser_num_1	N4	4	1 - 9998
Maximum System Serial #1	max_sys_ser_num_1	N4	4	2 - 9999
Minimum System Serial #2	min_sys_ser_num_2	N4	4	1 - 9998
Maximum System Serial #2	max_sys_ser_num_2	N4	4	2 - 9999
Default Transaction Help Screen	dflt_trans_hlp_scrn	N2	2	0 - 99

¹ These fields cannot be imported. SQL displays the following warning: "Cannot update the [Time Card PC field | Audit Trail PC field] - skipping."

9700 Database Fields
System Parameters File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Default UWS Procedures Help Screen	dflt_olp_hlp_scrn	N2	2	0 - 99
Default Autosequences Help Screen	dflt_olr_hlp_scrn	N2	2	0 - 99
LDS NLU Group	lds_nlu_grp	N2	2	0 - 32
Options ²	option	H10 (Exact)		
Reporting Options ³	rw_option[3]	H6 (Exact)		
Lines Per User Workstation Report Page	lines_per_olr_pg	N2	2	0 - 99
8 subrecords, each subrecord format:				
Order Type * Name	order_type[1 - 8].name_1	A16 (Exact)		
Order Type * Type Definition ⁴	order_type[1 - 8].type_def	H2 (Exact)		
Order Type * Name (for multilanguage)	order_type[1 - 8].name_1_sid	N10		
UWS/3 PC Keyboard file	uws3_pc_kybd_file	A16 (Exact)		
Tax Options ⁵	tax_options			
Non-Taxable Sales Name	non_tax_sls_ttl_name	A16 (Exact)		

² Refer to "Option Codes" on page C-75.

³ Refer to "Report Writer/UWS Reports Option Codes" on page C-76.

⁴ Refer to "Order Type Type Definition" on page C-77.

⁵ Refer to "Tax Options" on page C-78.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
8 subrecords, each subrecord format:				
Tax Type Number ⁶	tax[1 - 8].tax_type	N1	1	0 - 3
Tax Collected Total Name	tax[1 - 8].tax_coll_ttl_name	A16 (Exact)		
Tax Percentage Rate	tax[1 - 8].pcnt	D5	7	0.0000 - 100.00
Tax Amount at which Tax Starts	tax[1 - 8].tax_start_amount	D10	12	10 digits, sign, decimal
Tax Table Repeat Cycle Start #	tax[1 - 8].tbl_rpt_start	N2	2	0 - 32
Tax Table Repeat Cycle End #	tax[1 - 8].tbl_rpt_end	N2	2	0 - 32
32 subrecords, each subrecord format:				
Breakpoint Entry	tax[1 - 8].tbl_bpoint_entry[1 - 32]	N2	2	0 - 99
Tax Collected Total Name (for multilanguage)	tax[1 - 8].tax_coll_ttl_name_sid	N10		
Canadian GST Parameters:				
Canadian GST Type Definition ⁷	canada_type_def	H2 (Exact)		
First Threshold (GST)	canada_thresh_1	D10	12	0 - 9,999,999,999
Second Threshold (GST)	canada_thresh_2	D10	12	0 - 9,999,999,999
PST Totals Name	pst_tax_ttl_name	A16 (Exact)		

⁶ Refer to “Tax Type Number” on page C-79.

⁷ Refer to “Canadian Tax Type Definition” on page C-79.

9700 Database Fields
System Parameters File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
2 subrecords, each subrecord format:				
Threshold 1 Type Definition ⁸	pst[1 - 2].tax_type_def1	H2 (Exact)		
Threshold 1	pst[1 - 2].thresh_1	D10	12	0- 9,999,999,999
Threshold 2 Type Definition ⁸	pst[1 - 2].tax_type_def2	H2 (Exact)		
Threshold 2	pst[1 - 2].thresh_2	D10	12	0-9,999,999,999
Next	next_sid	N10		
Non-Taxable Sales Name (for multilanguage)	non_tax_sls_ttl_name_sid	N10		
PST Totals Name (for multilanguage)	pst_tax_ttl_name_sid	N10		

⁸ Refer to “PST Tax Type Definition” on page C-80.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Credit Card Authorization Parameters:				
CA/EDC Posting Date	ca_posting_date	TIME		
CC Batch Number	cc_batch_num	N4	4	1 - 9,999
CA Transaction Number	ca_trans_num	N4	4	1 - 9,999
Maximum # Days to keep CA Batches	cc_max_saved_batches	N3	3	1 - 999
Time Clock Parameters:				
Time Clock Definition ⁹	tm_clk_def	H6 (Exact)		
Early Clock In Grace Period	early_clk_in_grace	N2	2	0 - 99
Late Clock In Grace Period	late_clk_in_grace	N2	2	0 - 99
Early Clock Out Grace Period	early_clk_out_grace	N2	2	0 - 99
Late Clock Out Grace Period	late_clk_out_grace	N2	2	0 - 99
Minor - Unpaid Break Min Length	minor_upd_brk_min	N2	2	0 - 99
Minor - Unpaid Break Max Length	minor_upd_brk_max	N2	2	0 - 99
Minor - Paid Break Min Length	minor_pd_brk_min	N2	2	0 - 99
Minor - Paid Break Max Length	minor_pd_brk_max	N2	2	0 - 99
Regular - Unpaid Break Min Length	reg_upd_brk_min	N2	2	0 - 99
Regular - Unpaid Break Max Length	reg_upd_brk_max	N2	2	0 - 99

⁹ Refer to "Time Clock Definition" on page C-80.

9700 Database Fields
System Parameters File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Regular - Paid Break Min Length	reg_pd_brk_min	N2	2	0 - 99
Regular - Paid Break Max Length	reg_pd_brk_max	N2	2	0 - 99
Start Of The Labor Day	lab_day_start_tm	A5	5	00:00 - 23:59
Start Of The Labor Week	lab_week_start_day	N1	1	0 - 7
Lines per Time Card	lines_per_tm_card	N2	2	0 - 99
Line feeds Before Time Card Print	lfs_bf_tm_card_print	N2	2	0 - 99
Taiwan GUI Parameters:				
GUI Tax Number Prefix	tax_number_prefix	A2 (Exact)		
End of Range Threshold	range_thresh	N3	3	0 - 999
Enhanced Password Security				
Days Before Password Expires	days_before_pwd_expire	N3	3	0 - 360
Minimum Password Length	min_pwd_length	N2	2	4 - 14
Activation Codes				
Product Code Activation ID	sw_key_data[1].activation_id	A8 (Exact)		
Foundation Activation ID	sw_key_data[2].activation_id	A8 (Exact)		
PMS/SIM Activation ID	sw_key_data[3].activation_id	A8 (Exact)		
Time and Attendance Activation ID	sw_key_data[4].activation_id	A8 (Exact)		
CA/EDC Activation ID	sw_key_data[5].activation_id	A8 (Exact)		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
netvupoint Activation ID	sw_key_data[6].activation_id	A8 (Exact)		
HHT Activation ID	sw_key_data[7].activation_id	A8 (Exact)		
VSS Activation ID	sw_key_data[8].activation_id	A8 (Exact)		
PCWS Clients Activation ID	pcws_activation_id	A8 (Exact)		
Mobile MICROS Activation ID	hhtce_activation_id	A8 (Exact)		
Miscellaneous Parameters				
Transaction Log Format	transaction_log_format	N3	3	0 - 255
Password Reuse Interval	pwd_reuse_interval	N1	1	0 - 5
Dataviewer URL	dataviewer_addr	A256		
NetVupoint URL	netvupoint_addr	A256		
Activity Log Purge Days	activity_log_purge_days	N1	2	0 - 30

System Serial Number File

Scope:System

Syntax:sys_serial_status

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Serial Number 1	serial_number[1]	N9	4	0 - 9,999
Serial Number 2	serial_number[2]	N9	4	0 - 9,999

System Totals File

For current totals, the As-of Date field for each System report is drawn from the most recent Time Totals Last Updated field for all PCs in the System. For other periods, (P1 - P9), the As-of Date field indicates the date and time that a particular totals set was last updated.

Scope:System

Syntax:sys_ttls

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Sales Balance Totals:				
Net Sales Total	net_sls_ttl	D15	17	15 digits, sign, decimal
Discounts Count	dsc_cnt	N10	11	10 digits, sign
Discounts Total	dsc_ttl	D15	17	15 digits, sign, decimal
Returned Items Count	rtn_cnt	N10	11	10 digits, sign
Returned Items Total	rtn_ttl	D15	17	15 digits, sign, decimal
Service Charges Count	svc_cnt	N10	11	10 digits, sign
Service Charges Total	svc_ttl	D15	17	15 digits, sign, decimal
Tax Total	tax_ttl	D15	17	15 digits, sign, decimal
Credit Total	credit_ttl	D15	17	15 digits, sign, decimal
Void Control Count	void_cnt	N10	11	10 digits, sign
Void Control Total	void_ttl	D15	17	15 digits, sign, decimal

9700 Database Fields
System Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Error Correct Count	err_crt_cnt	N10	11	10 digits, sign
Error Correct Total	err_crt_ttl	D15	17	15 digits, sign, decimal
Cancel Control Count	cncl_cnt	N10	11	10 digits, sign
Cancel Control Total	cncl_ttl	D15	17	15 digits, sign, decimal
No Sale Count	no_sale_cnt	N10	11	10 digits, sign
Change in Grand Control Total	chnge_grnd_ttl	D15	17	15 digits, sign, decimal
Check Carry-Over Count	roll_over_cnt	N10	11	10 digits, sign
Check Carry-Over Total	roll_over_ttl	D15	17	15 digits, sign, decimal
Check Begun Count	chk_begun_cnt	N10	11	10 digits, sign
Check Begun Total	chk_begun_ttl	D15	17	15 digits, sign, decimal
Check Paid Count	chk_paid_cnt	N10	11	10 digits, sign
Check Payments Total	chk_paid_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "in" Count	chk_tfd_in_cnt	N10	11	10 digits, sign
Checks Transferred "in" Total	chk_tfd_in_ttl	D15	17	15 digits, sign, decimal
Checks Transferred "out" Count	chk_tfd_out_cnt	N10	11	10 digits, sign
Rounding Total	rounding_ttl	D10	11	10 digits, sign

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Control Totals:				
Control Grand Total	grnd_ttl	D15	17	15 digits, sign, decimal
Control Training Total	training_ttl	D15	17	15 digits, sign, decimal
Time Totals Last Updated	last_ttls_update_tm	TIME		
Sales Profile Totals:				
8 subrecords, each subrecord format:				
Net Sales Total	sls_prof.ordr_type[1 - 8].net_sls_ttl	D15	17	15 digits, sign, decimal
Covers Count	sls_prof.ordr_type[1 - 8].cov_cnt	N10	11	10 digits, sign
Check Count	sls_prof.ordr_type[1 - 8].chk_cnt	N10	11	10 digits, sign
Table Turn Count	sls_prof.tbl_turn_cnt	N10	11	10 digits, sign
Table Dining Time (seconds)	sls_prof.tbl_dine_tm	N10	11	10 digits, sign
Tracking Totals:				
256 subrecords, each record format:				
Count	trgrp[1 - 256].cnt	N10	11	10 digits, sign
Total	trgrp[1 - 256].ttl	D15	17	15 digits, sign, decimal
Financial Report Reset Parameters:				
Reset Count	sys_fncl_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	sys_fncl_rst.rst_date	TIME		
As-of Date	sys_fncl_rst.as_of_date	TIME		

9700 Database Fields
System Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Tax Related Totals:				
Non-Taxable Sales Total	notax_sls_ttl	D15	17	15 digits, sign, decimal
8 subrecords, each record format:				
Taxable Sales Total	sub_rcd[1 - 8].txbl_sls_ttl	D15	17	15 digits, sign, decimal
Tax Exempt Sales Total	sub_rcd[1 - 8].tax_exmpt_sls_ttl	D15	17	15 digits, sign, decimal
Tax Collected Total	sub_rcd[1 - 8].tax_coll_ttl	D15	17	15 digits, sign, decimal
Tax Summary Report Reset Parameters:				
Reset Count	sys_tax_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	sys_tax_rst.rst_date	TIME		
As-of Date	sys_tax_rst.as_of_date	TIME		
Tip Reporting Totals (IRS Form 8027):				
Gross Receipts/ Food and Beverage	gross_rcpts	D15	17	15 digits, sign, decimal
Charged Receipts	chgd_rcpts	D15	17	15 digits, sign, decimal
Charged Tips	chgd_tips	D15	17	15 digits, sign, decimal
Service Charges	svcs	D15	17	15 digits, sign, decimal
Direct Tips Reported	dir_tips	D15	17	15 digits, sign, decimal
Indirect Tips Reported	indir_tips	D15	17	15 digits, sign, decimal
Tips Paid Total	tips_paid	D15	17	15 digits, sign, decimal

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Establishment Tips Report Reset Parameters:				
Reset Count	sys_tip_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	sys_tip_rst.rst_date	TIME		
As-of Date	sys_tip_rst.as_of_date	TIME		
Major Group Sales Summary Totals:				
Sales Count	maj_grp.sls_cnt	N10	11	10 digits, sign
Sales Total	maj_grp.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	maj_grp.itm_dsc_ttl	D15	17	15 digits, sign, decimal
Other Discount Total	maj_grp.other_dsc_ttl	D15	17	15 digits, sign, decimal
Major Group Sales Report Reset Parameters:				
Reset Count	mgrp_sls_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mgrp_sls_rst.rst_date	TIME		
As-of Date	mgrp_sls_rst.as_of_date	TIME		
Major Group Food Cost Summary Totals:				
Sales Count	mgrp_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	mgrp_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	mgrp_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	mgrp_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Major Group Food Cost Report Reset Parameters:				
Reset Count	mgrp_fd_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mgrp_fd_rst.rst_date	TIME		
As-of Date	mgrp_fd_rst.as_of_date	TIME		

9700 Database Fields
System Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Family Group Summary Totals:				
Sales Count	fam_grp.sls_cnt	N10	11	10 digits, sign
Sales Total	fam_grp.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	fam_grp.itm_dsc_ttl	D15	17	15 digits, sign, decimal
Other Discount Total	fam_grp.other_dsc_ttl	D15	17	15 digits, sign, decimal
Family Group Sales Report Reset Parameters:				
Reset Count	fgrp_sls_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	fgrp_sls_rst.rst_date	TIME		
As-of Date	fgrp_sls_rst.as_of_date	TIME		
Family Group Food Cost Summary Totals:				
Sales Count	fgrp_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	fgrp_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	fgrp_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	fgrp_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Family Group Food Cost Report Reset Parameters:				
Reset Count	fgrp_fd_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	fgrp_fd_rst.rst_date	TIME		
As-of Date	fgrp_fd_rst.as_of_date	TIME		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Master Sales Summary Totals:				
Sales Count	mi_master.sls_cnt	N10	11	10 digits, sign
Sales Total	mi_master.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	mi_master.itm_dsc_ttl	D15	17	15 digits, sign, decimal
Other Discount Total	mi_master.other_dsc_ttl	D15	17	15 digits, sign, decimal
Menu Item Master Sales Report Reset Parameters:				
Reset Count	mi_master_smy_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_master_smy_rst.rst_date	TIME		
As-of Date	mi_master_smy_rst.as_of_date	TIME		
Menu Item Master Food Cost Summary Totals:				
Sales Count	mi_master_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	mi_master_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	mi_master_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	mi_master_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Menu Item Master Food Cost Report Reset Parameters:				
Reset Count	mi_master_fd_cst_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_master_fd_cst_rst.rst_date	TIME		
As-of Date	mi_master_fd_cst_rst.as_of_date	TIME		

9700 Database Fields
System Totals File

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item Sales Summary Totals:				
Sales Count	mi.sls_cnt	N10	11	10 digits, sign
Sales Total	mi.sls_ttl	D15	17	15 digits, sign, decimal
Item Discount Total	mi.itm_dsc_ttl	D10	11	10 digits, sign
Other Discount Total	mi.other_dsc_ttl	D15	17	15 digits, sign, decimal
Menu Item Sales Report Reset Parameters:				
Reset Count	mi_smy_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_smy_rst.rst_date	TIME		
As-of Date	mi_smy_rst.as_of_date	TIME		
Menu Item Food Cost Summary Totals:				
Sales Count	mi_fd_cst.sls_cnt	N10	11	10 digits, sign
Sales Total	mi_fd_cst.sls_ttl	D15	17	15 digits, sign, decimal
Preparation Count	mi_fd_cst.ppn_cnt	N10	11	10 digits, sign
Preparation Cost Total	mi_fd_cst.ppn_ttl	D15	17	15 digits, sign, decimal
Menu Item Food Cost Report Reset Parameters:				
Reset Count	mi_fd_cst_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	mi_fd_cst_rst.rst_date	TIME		
As-of Date	mi_fd_cst_rst.as_of_date	TIME		
Job Code Summary Totals:				
Net Sales Revenue	job_code.net_sls_ttl	D15	17	15 digits, sign, decimal
Posted Labor Total	job_code.posted_lab_ttl	D15	17	15 digits, sign, decimal

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Posted Time Worked Count	job_code.posted_seconds_wkd_cnt	N10	11	10 digits, sign
Report Time Labor Total	job_code.rpt_time_lab_ttl	D15	17	15 digits, sign, decimal
Report Time Tm Wkd Count	job_code.rpt_time_seconds_wkd_cnt	N10	11	10 digits, sign
Job Code Report Reset Parameters:				
Reset Count	jcod_lab_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	jcod_lab_rst.rst_date	TIME		
As-of Date	jcod_lab_rst.as_of_date	TIME		
Income Audit Report Reset Parameters:				
Reset Count	income_audit_rst.rst_cnt	N4	6	0 - 9,999
Reset Date	income_audit_rst.rst_date	TIME		
As-of Date	income_audit_rst.as_of_date	TIME		

Table Definition File

Scope:Revenue Center

Syntax:table_def.[RVC#]

Each entry record format:

Field Name	Field Mnemonics	Type Code	Max. Width	Range
Table Number	number	N9	9	1 - 999,999,999
Table ID	id	A4 (Exact)		
Table ID (for multilanguage)	id_sid	N10		

Table Report Configuration File

Scope:System

Syntax: table_report_rc

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Table Report Configuration #	number	N3	3	0 - 255
Report Name	name_1	A32 (Exact)		
“Table” Label	tbl_col_hdr	A16 (Exact)		
Totals Set Definition 1 - 8	ttl_set_def[1 - 8]	[8 * N3]	3	0 - 255
20 subrecords, each subrecord format:				
Column Label	col_def[1 - 20].col_label	A20 (Exact)		
Width	col_def[1 - 20].col_width	N2	2	0 - 20
Totals Set	col_def[1 - 20].col_ttl_set	N1	1	1 - 8
Total Type	col_def[1 - 20].ttl_type	N1	1	0 - 3
Total Number	col_def[1 - 20].ttl_num	N3	3	0 - 255
Type Definition	col_def[1 - 20].col_type_def	H6 (Exact)		

Table Totals File

Scope:Revenue Center

Syntax:table_ttls.[RVC#]

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Table Number ¹	number ¹	N9	9	1 - 999,999,999
Net Sales Total	net_sls_ttl	D15	17	15 digits, sign, decimal
Guests Count	cov_cnt	N10	12	10 digits, sign
Check Count	chk_cnt	N10	12	10 digits, sign
Table Turn Count	tbl_turn_cnt	N10	12	10 digits, sign
Table Dining Time (seconds)	tbl_dine_tm	N10	12	10 digits

¹ This field is inserted by the SQL program, but is not stored in the file.

Tax Class Definition File

Scope:System

Syntax: tax_class

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Tax Class Number	number	N3	3	1 - 255
Tax Class Name	name_1	A16 (Exact)		
Type ¹	tax_type	H2 (Exact)		
Tax Class Name (for multilanguage)	name_1_sid	N10		

¹ Refer to "Tax Type Definition" on page C-82.

Tender Media Definition File

Scope:System

Syntax:tmed_def

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Number	number	N9	9	1 - 999,999,999
Name	name_1	A16 (Exact)		
Key Type ¹	tmed_type	N1	1	1 - 5
Preamble (Credit Card)	preamble	A4		
Type Definition ²	type_def	H20 (Exact)		
Tender Output ³	prntr_ink	H6 (Exact)		
Order Output Disable ⁴	order_prntr_mask	H4 (Exact)		
NLU	nlu	N3	3	0 - 255
SLU	slu	N1	1	0 - 8
HHT SLU	hht_slu	N1	1	0 - 8
Active On Main Level ⁵	mlvl_ink	H2 (Exact)		
Active On Sub Level ⁶	slvl_ink	H2 (Exact)		
Menu Level Pop-up ⁷	menu_lvl_pup	N2 (Exact)	2	00 - 99
Charged Tip Service Charge	chg_tip_svc	N9	9	1 - 999,999,999
HALO Options (High Amount Lockout)	halo_val	N2 (Exact)	2	00 - 79
Privilege Group	priv_grp	N1	1	0 - 3
PMS Link	pms_ink_num	N1	1	0 - 4

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Signature Capture Default Tip Percent	sc_dflt_tip_pcnt	N3	3	0 - 100
CA/EDC Parameters:				
Estimated Tip Percentage	est_tip_pcnt	D7	8	000.0000 - 100.0000
Second Percentage	secondary_limit_pcnt	D7	8	000.0000 - 100.0000
Base Limit	base_limit_amt	D10	12	10 digits, decimal
Second Limit	secondary_limit_amt	D10	12	10 digits, decimal
Initial Authorization Amount	init_auth_amt	D10	12	10 digits, decimal
Icon	icon_id	N5	5	0 - 99999
Name (for multilanguage)	name_1_sid	N10		
Default Tip Percent	sc_dflt_tip_pcnt	N1	3	0 - 100

¹ Refer to “Tender/Media Type” on page C-83.

² Refer to “Type Definition” starting on page C-86

³ Refer to “Output Link” on page C-92.

⁴ Refer to “Order Printer Disable Mask” on page C-92.

⁵ Refer to “Itemizers” on page C-6.

⁶ Refer to “Itemizers” on page C-6.

⁷ The first digit provides the Main Level pop-up; the second provides the Sub-Level pop-up.

Time Clock Detail File

Scope:System

Syntax: time_clock_detail

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Employee Number	empl	N9	9	1 - 999,999,999
Detail Sequence Number	seq_num	N3	3	1 - 999
Rate Number	rate	N1	1	1 - 8
Revenue Center Number	rvc	N3	3	1 - 255
Clock In Time	clk_in_tm	TIME		
Clock In Adjusting Employee Number	clk_in_adj_empl	N9	9	1 - 999,999,999
Clock Out Time	clk_out_tm	TIME		
Clock Out Adjusting Employee Number	clk_out_adj_empl	N9	9	1 - 999,999,999
Clock In Status ¹	clk_in_sta	N3	3	1 - 999
Clock Out Status ¹	clk_out_sta	N3	3	1 - 999
Report Time Regular Time Wkd Cnt	rpt_time_reg_seconds_wkd	N10	11	10 digits, sign
Report Time Overtime Time Wkd Cnt	rpt_time_ovt_seconds_wkd	N10	11	10 digits, sign

¹ Refer to "Clock In Status or Clock Out Status" on page C-94.

Time Clock Schedule File

Scope:System

Syntax:time_clock_sched

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Time Clock Schedule Number	number	N9	9	1 - 999,999,999
Employee Number	empl	N9	9	1 - 999,999,999
Clock In Date/Time	clk_in_time	TIME		
Clock Out Date/Time	clk_out_time	TIME		
Job Code Number	job_code	N9	9	1 - 999,999,999
Job Code Report Group	job_code_rpt_grp	N3	3	0 - 255

Time Period Definition File

Scope:Revenue Center

Syntax:time_period_def.[RVC#]

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Time Periods (number)	number	N9	9	1 - 999,999,999
Tracking Group	trgrp	N9	9	0 - 999,999,999
Type Definitions ¹	type_def	H2 (Exact)		
Start Time	start_tm	N4	5	00:00 - 23:59
End Time	end_tm	N4	5	00:00 - 23:59

¹ Refer to "Type Definition" on page C-95.

Time Period Report Configuration File

Scope:System

Syntax:time_period_rc

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Time Period Report Configuration #	number	N3	3	0 - 255
Report Name	name_1	A32 (Exact)		
Tracking Group Number	trgrp	N9	9	999,999,999
"Total" Label	ttl_col_hdr	A16 (Exact)		
Totals Set Definition 1 - 8	ttl_set_def[1 - 8]	[8 * N3]	3	0 - 255
20 subrecords, each subrecord format:				
Column Label	col_def[1 - 20].col_label	A20 (Exact)		
Width	col_def[1 - 20].col_width	N2	2	0 - 20
Totals Set	col_def[1 - 20].col_ttl_set	N1	1	1 - 8
Total Type	col_def[1 - 20].ttl_type	N1	1	0 - 3
Total Number	col_def[1 - 20].ttl_num	N3	3	0 - 256
Percentage Type	col_def[1 - 20].pct_type	N1	1	0, 1
Type Definition ¹	col_def[1 - 20].col_type_def	H6 (Exact)		

¹ Refer to "Type Definition" on page C-58.

Time Period Totals File

Scope:Revenue Center

Syntax: time_period_ttls.[RVC#]

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Time Period Number ¹	number	N9	9	1 - 999,999,999
Sales Profile Totals:				
8 subrecords, each subrecord format:				
Net Sales Total	sls_prof.ordr_type[1 - 8].net_sls_ttl	D15	17	15 digits, sign, decimal
Guests Count	sls_prof.ordr_type[1 - 8].cov_cnt	N10	11	10 digits, sign
Check Count	sls_prof.ordr_type[1 - 8].chk_cnt	N10	11	10 digits, sign
Table Turn Count	sls_prof.tbl_turn_cnt	N10	11	10 digits, sign
Table Dining Time (seconds)	sls_prof.tbl_dine_tm	N10	11	10 digits, sign
Labor Profile Totals:				
Posted Labor Total	posted_lab_ttl	D15	17	15 digits, sign, decimal
Posted Time Worked Count	posted_seconds_wkd	N10	11	10 digits, sign
Report Time Labor Total	rpt_time_lab_ttl	D15	17	15 digits, sign, decimal
Report Time Time Wkd Cnt	rpt_time_seconds_wkd	N10	11	10 digits, sign
Tracking Group Totals:				
256 subrecords, each subrecord format:				
Count	trgrp[1 - 256].cnt	N10	11	10 digits, sign
Total	trgrp[1 - 256].ttl	D15	17	15 digits, sign, decimal

¹ This field is inserted by the SQL program, but is not stored in the file.

Totals Set Definition File

Scope: System

Syntax: ttls_set_def

Each record format:



This file cannot be imported.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Totals Set Definition Number	number	N3	3	0 - 255
Totals Set Definition Name	name_1	A20 (Exact)		
Totals Period Number	prd_num	N1	1	0 - 9
Directory Name	directory_name	A14 (Exact)		
Totals Set Definition Name (for multilanguage)	name_1_sid	N10		

Touchscreen Assignment File (UWS)

Scope:Revenue Center

Syntax:ts_assign.[RVC#]

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Default Sign-in Screen	sign_in_ts_scrn	N3	3	0 - 255
Default Transaction Screen	trans_ts_scrn	N3	3	0 - 255
Default Training Screen	training_ts_scrn	N3	3	0 - 255
Default UWS Proc. Screen	wkstn_procs_ts_scrn	N3	3	0 - 255
Default UWS Reports Screen	wkstn_rpts_ts_scrn	N3	3	0 - 255
Numeric Entry Screen	numeric_ts_scrn	N3	3	0 - 255
Alpha Entry Screen	alpha_ts_scrn	N3	3	0 - 255
Menu Item SLU Name	mi_slu_name[1 - 127]	A16 (Exact)		
Menu Item SLU Style	mi_slu_style[1 - 127]	N3	3	0 - 255
Condiment SLU Style	cndmnt_slu_style[1 - 64]	N3	3	0 - 255
Discount SLU Style	dsc_slu_style[1 - 8]	N3	3	0 - 255
Service Chg SLU Style	svc_slu_style[1 - 8]	N3	3	0 - 255
Tender/Media SLU Style	tmed_slu_style[1 - 8]	N3	3	0 - 255
MI Course SLU Name	mi_course_slu_name[1-32]	A16		
MI Course SLU Style	mi_course_slu_style[1-32]	N3	3	
Pickup & Add/Xfer SLU Style	pkup_xfer_slu_style	N3	3	0 - 255
Split Check Screen Style	split_chk_slu_style	N3	3	0 - 255
Edit Seat Screen Style	edit_seat_slu_style	N3	3	0 - 255
Edit Check Share T/S Style	edit_chk_share_slu_style	N3	3	0 - 255
Edit Check Count Screen	edit_chk_cnt_slu_style	N3	3	0 - 255
Edit Check Numeric Screen	edit_chk_num_slu_style	N3	3	0 - 255
Autofire Time Edit Screen	autofire_time_edit	N3	3	0 - 255

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item SLU Name (for multilanguage)	mi_slu_name_sid[1 - 127]	N10		
MI Course SLU Name (for multilanguage)	mi_course_slu_name_sid[1 - 32]	N10		

Touchscreen Assignment File (SAR)

Note: Rows that are shaded are **not** currently supported with SAR.

Scope:Revenue Center

Syntax:pos_ts_assign.[RVC#]

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Default Sign-in Screen	sign_in_ts_scrn	N3	3	0 - 255
Default Transaction Screen	trans_ts_scrn	N3	3	0 - 255
Default Training Screen	training_ts_scrn	N3	3	0 - 255
Default UWS Proc. Screen	wkstn_procs_ts_scrn	N3	3	0 - 255
Default UWS Reports Screen	wkstn_rpts_ts_scrn	N3	3	0 - 255
Numeric Entry Screen	numeric_ts_scrn	N3	3	0 - 255
Alpha Entry Screen	alpha_ts_scrn	N3	3	0 - 255
Menu Item SLU Name	mi_slu_name[1 - 64]	A16 (Exact)		
Menu Item SLU Style	mi_slu_style[1 - 64]	N3	3	0 - 255
Condiment SLU Style	cndmnt_slu_style[1 - 32]	N3	3	0 - 255
Discount SLU Style	dsc_slu_style[1 - 8]	N3	3	0 - 255
Service Chg SLU Style	svc_slu_style[1 - 8]	N3	3	0 - 255
Tender/Media SLU Style	tmed_slu_style[1 - 8]	N3	3	0 - 255
MI Course SLU Name	mi_course_slu_name[1-32]	A16		
MI Course SLU Style	mi_course_slu_style[1-32]	N3	3	
Pickup & Add/Xfer SLU Style	pkup_xfer_slu_style	N3	3	0 - 255
Split Check Screen Style	split_chk_slu_style	N3	3	0 - 255
Edit Seat Screen Style	edit_seat_slu_style	N3	3	0 - 255
Edit Check Share T/S Style	edit_chk_share_slu_style	N3	3	0 - 255
Edit Check Count Screen	edit_chk_cnt_slu_style	N3	3	0 - 255
Edit Check Numeric Screen	edit_chk_num_slu_style	N3	3	0 - 255
Autofire Time Edit Screen	autofire_time_edit	N3	3	0 - 255

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Menu Item SLU Name (for multilanguage)	mi_slu_name_sid[1 - 64]	N10		
MI Course SLU Name (for multilanguage)	mi_course_slu_name_sid[1 - 32]	N10		

Touchscreen Screen Definition File (UWS)

Scope:Revenue Center

Syntax:ts_scrn_def.[RVC#]

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Touchscreen Screen Number	number	N3	3	0 - 255
Touchscreen Screen Name	ts_scrn_name	A16 (Exact)		
60 subrecords, each subrecord format:				
Key Start Row	ts_key[1 - 60].start_row	N1	1	0 - 6
Key Start Column	ts_key[1 - 60].start_col	N2	2	0 - 10
Key Height	ts_key[1 - 60].key_height	N1	1	0 - 6
Key Width	ts_key[1 - 60].key_width	N2	2	0 - 10
Legend	ts_key[1 - 60].lgnd	A16 (Exact)		
Legend Size	ts_key[1 - 60].lgnd_size	N1	1	0 - 3
Type ¹	ts_key[1 - 60].key_type	N2	2	0 - 29
Number ²	ts_key[1 - 60].key_number	N9	9	1 - 999,999,999
Color Combination ³	ts_key[1 - 60].color_combo	N2	2	0 - 40
Alpha	ts_key[1 - 60].alpha_char	A1 (Exact)		
Preset Main, Sub Levels ⁴	ts_key[1 - 60].dflt_mlvl	N2	2	00 - 88
Next Screen	ts_key[1 - 60].next_scrn	N3	3	0 - 255
Legend (for multilanguage)	ts_key[1 - 60].lgnd_sid	N10		

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Icon ID	ts_key[1 - 60].icon_id	N5	5	0 - 99999
Icon Placement	ts_key[1 - 60].icon_placement	N3	3	0 - 255
Touchscreen Screen Name (for multilanguage)	ts_scrn_name_sid	N10		

¹ Refer to “Type” on page C-96.

² Refer to Appendix D.

³ This field is used for the color PCWS only. Refer to “Color Combination” on page C-96.

⁴ The first digit provides the Main Menu Level; the second digit provides the Sub-Menu Level.

Touchscreen Style Definition File (UWS)

Scope: Revenue Center

Syntax: ts_style_def.[RVC#]

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
TS Style #	number	N3	3	0 - 255
TS Style Name	ts_style_name	A16 (Exact)		
Key Height	key_height	N1	1	0 - 6
Key Width	key_width	N2	2	0 - 10
Legend Size	key_lgnd_size	N1	1	0 - 3
Style Options ¹	key_type_def	H4 (Exact)		
Color Combination	color_combo	N2	2	0-13
Function Key TS	fn_key_ts_scrn	N3	3	0 - 255
Icon Placement	icon_placement	N3	3	0 - 255
TS Style Name (for multilanguage)	ts_style_name_sid	N10		

¹ Refer to “Key Type Definition” on page C-20.

Tracking Group File

Scope:System

Syntax:trgrp_def

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Number	number	N9	9	1 - 999,999,999
Name	name_1	A16 (Exact)		
255 subrecords, each subrecord format:				
Type ^{1, 2}	grp[1 - 255].trgrp_type	N2	2	0 - 16
Number	grp[1 - 255].item_number	N9	9	1 - 999,999,999
Type Def ³	grp[1 - 255].type_def	H2 (Exact)		
Name	grp[1 - 255].item_name	A12 (Exact)		
Column 1 - 3	grp[1 - 255].col	N1	1	1 - 3
Commission%	grp[1 - 255].comm_pcnt	D7	8	000.0000 - 100.0000
Name (for multilanguage)	grp[1 - 255].item_name_sid	N10		
Name (for multilanguage)	name_1_sid	N10		

¹ Refer to "Tracking Group Types" on page C-98.

² Tracking Group Subtotals and Totals (Total Types #8, #9, #15, and #16) are not available for export by 9700 SQL. They are calculated at the time a Report Writer or UWS Autosequence report is run, and are not maintained in the database (i.e., are not subject to constant updating).

³ Refer to "Type Definition" on page C-99.

Transaction Log, Consolidated Transaction Log, & Extended Transaction Log

Transaction Log

Scope:System

Syntax:trans_log

SQL exports the Transaction Log file as a group of tables, which allow the export to accommodate the variable-length formats of the detail items. Access to specific fields in the Transaction Log file is not available. Therefore, no field mnemonics are supplied.

SQL exports the Marker Transaction Type with the Transaction Detail Log. A file with the marker extension (.marker) is created when exporting the Transaction Log. The Marker Table format is described on page B-179.

In each of the formats presented from pages B-173 through B-185, the Version Number field refers to the version number of the Transaction Log, not the version number of the 9700 System.

Consolidated Transaction Log

Scope:System

Syntax:trans_log.0

The Consolidated Transaction Log combines all Transaction Logs from a multiple PC system, and exports these logs in the same table format as the Transaction Log file. The only difference between the Transaction Log command syntax and the Consolidated Transaction Log command syntax is the zero extension (.0).

Extended Transaction Log

Scope:System

Syntax: *see Transaction Log*

The Extended Transaction Log adds the following fields to the Transaction Log *only* when the System Parameter file's option code #18 [Use Extended Transaction Log] is enabled:

- Course Number
- Family Group
- Major Group
- Net Sales
- Seat Number
- Tax Amount
- Void Reason Code



You must reset the Transaction Log before enabling or disabling the Extended Transaction Log.

Sales Transaction Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
Revenue Center Number	N3
Serving Period Number	N9
Transaction Date/Time	TIME
Check Opened Time	TIME
Check Closed Time	TIME
Check Status ¹	H2 (Exact)
Check Number	N4
“Reopened From” Check Number	N4
Table Number	N9

9700 Database Fields

Transaction Log, Consolidated Transaction Log, & Extended Transaction Log

Field Name	Type Code
Group Number (max: 99)	N2
Order Type (value 1 - 8)	N1 (Exact)
Guest Check ID	A16
Guests Count	N4
Check Employee	N9
Transaction Employee	N9
Cashier Number	N9
Subtotal Total	D10
Tax Total	D10
Auto Gratuity Total	D10
Other Svc Total	D10
Payment Total	D10
Amount Due Total	D10

¹ Refer to “Check Status Flag” on page C-100 for the second hexadecimal digit’s value.

Field Name	Type Code
8 subrecords (1 for each tax type), each record format:	
Tax Collected Total	D15
Number of Detail Records (max: 999)	N3
Extended Transaction Log:	
Net Sales	D10



In each of the sales transaction detail tables that follow, the first block of fields (Workstation Number, etc.) serves to link the detail with its parent record in the Sales Transaction Table.

CA Authorization Detail Table

Field Name	Type Code
Workstation Number	N9
Transaction Date/Time	TIME
Check Number	N4
Table Number	N9
Group Number (max: 99)	N2
Detail Number ¹	N3
Status ²	H6 (Exact)
Tender/Media Number	N9
Account Number	A19
Expiration Date (MMYY)	N4
CA Authorization Type Definition ³	H2
Base Amount	D10
Tip Amount (System Estimated Tip)	D10
Third-Party Source Code	H2 (Exact)
Authorization Code	A6
Driver Discretionary Data	H68
Driver Discretionary Data ⁴	H60

¹ This field is inserted by the SQL program, but is not stored in the file.

² Refer to “Status Flags” on page C-44.

³ Refer to “Type Definition” on page C-46.

⁴ This field contains the remaining 60 bytes of discretionary data information required for SQL exporting.

Canceled Transaction Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
Revenue Center Number	N3
(Active) Serving Period Number	N9
Transaction Date/Time	TIME
Check Number	N4
Employee	N9
Transaction Total	D10

Check Transfer Transaction Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
From Revenue Center Number	N3
(Active) Serving Period Number	N9
Transaction Date/Time	TIME
To Revenue Center Number	N3
Check Number	N4
From Employee	N9
To Employee	N9
Transfer Total	D10

Discount Detail Table

Field Name	Type Code
Workstation Number	N9
Transaction Date/Time	TIME
Check Number	N4
Table Number	N9
Group Number (max: 99)	N2
Detail Number ¹	N3
Status ²	H6 (Exact)
Discount Number	N9
Discount Type Definition ³	H4 (Exact)
Tax Type Definition ⁴	H2 (Exact)
Discount Percentage	D7
Employee Number ⁵	N9
Sales Count	N3
Sales Total	D10
Extended Transaction Log:	
8 subrecords:	
Tax Amount	D10

¹ This field is inserted by the SQL program, but is not stored in the file.

² Refer to "Status Flags" on page C-40.

³ Refer to "Type Definition" on page C-5.

⁴ Refer to "Tax Type Definition" on page C-82.

⁵ If this discount is for an employee meal, this field contains the employee number of the employee who received the discount.

Markers Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
Revenue Center Number	N3
Serving Period Number ¹	N9
Transaction Date/Time	TIME
Employee	N9
Autosequence Type Flag ²	N1
Autosequence Number	N3

¹ This field is always zero for this detail type.

² 0 = PC Autosequence; 1 = UWS Autosequence

Media Transaction Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
Revenue Center Number	N3
(Active) Serving Period Number	N9
Transaction Date/Time	TIME
Employee	N9
Cashier	N9
Media Number	N9
Media Total	D10
Void Status ¹	H2 (Exact)

¹ 1000 = Media Void

Menu Item Detail Table and Menu Item Error Correct Detail Table

Field Name	Type Code
Workstation Number	N9
Transaction Date/Time	TIME
Check Number	N4
Table Number	N9
Group Number (max: 99)	N2
Detail Number ¹	N3
Status ²	H6 (Exact)
Menu Item Number	N9
Definition Sequence Number	N2 (1 - 64)
Menu Item Type Definition ³	H8 (Exact)
Tax Type Definition ⁴	H2 (Exact)
Authorizing Employee Number ⁵	N9
Sales Count	N3
Sales Total	D10
Recipe Number	N3
Extended Transaction Log:	
Major Group	N10
Family Group	N10
8 subrecords:	
Tax Amount	D10
Seat Number	N3
Course Number	N3

Field Name	Type Code
Void Reason Code	N3
Weight Amount	D7

¹ This field is inserted by the SQL program, but is not stored in the file.

² Refer to “Status Flags” on page C-48.

³ Refer to “Type Definition” on page C-28.

⁴ Refer to “Tax Type Definition” on page C-82.

⁵ If this menu item was voided, this field contains the employee number of the operator who authorized the void.

No Sale Transaction Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
Revenue Center Number	N3
(Active) Serving Period Number	N9
Transaction Date/Time	TIME
Employee	N9

Reference Number Detail Table

Field Name	Type Code
Workstation Number	N9
Transaction Date/Time	TIME
Check Number	N4
Table Number	N9
Group Number (max: 99)	N2
Detail Number ¹	N3
Status	H6 (Exact)
Reference Number/Description	A19
Expiration Date (MMYY)	N4
Reference Number Type ²	N2

¹ This field is inserted by the SQL program, but is not stored in the file.

² Refer to “Detail Type Number” on page C-46.

Service Charge Detail Table and Service Charge Error Correct Detail Table

Field Name	Type Code
Workstation Number	N9
Transaction Date/Time	TIME
Check Number	N4
Table Number	N9
Group Number (max: 99)	N2
Detail Number ¹	N3
Status ²	H6 (Exact)
Service Charge Number	N9
Service Charge Type Definition ³	H4 (Exact)
Tax Type Definition ⁴	H2 (Exact)
Service Charge Percentage	D7
Authorizing Employee Number ⁵	N9
Sales Count	N3
Sales Total	D10
Extended Transaction Log:	
8 subrecords:	
Tax Amount	D10
Void Reason Code	N3

¹ This field is inserted by the SQL program, but is not stored in the file.

² Refer to “Status Flags” on page C-42.

³ Refer to “Type Definition” on page C-72.

⁴ Refer to “Tax Type Definition” on page C-82.

⁵ If this service charge was voided, this field contains the employee number of the operator who authorized the void.

Tender/Media Detail Table

Field Name	Type Code
Workstation Number	N9
Transaction Date/Time	TIME
Check Number	N4
Table Number	N9
Group Number (max: 99)	N2
Detail Number ¹	N3
Status ²	H6 (Exact)
Tender/Media Number	N9
Tender/Media Type Definition ³	H12 (Exact)
Employee Number ⁴	N9
Charged Tip Total	D10
Sales Count	N3
Sales Total	D10

¹ This field is inserted by the SQL program, but is not stored in the file.

² Refer to “Status Flags” on page C-44.

³ Refer to “Type Definition - Payment Keys (Type 1)” on page C-83 through “Type Definition - Pickup and Loan Keys (Types 3 and 4)” on page C-89.

⁴ If this tender is for an employee meal, this field contains the employee number of the employee who received the meal.

Tips Declared Transaction Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
Revenue Center Number	N3
(Active) Serving Period Number ¹	N9
Transaction Date/Time	TIME
Employee	N9
Tips Declared Total	D10
Status ²	H2 (Exact)

¹ This field is always zero for this detail type.

² 0000 = Indirect Tip; 1000 = Direct Tip

Training Sales Transaction Table Format

Field Name	Type Code
Version Number	N3
Workstation Number	N9
Revenue Center Number	N3
(Active) Serving Period Number	N9
Transaction Date/Time	TIME
Employee	N9
Transaction Total	D10

User Workstation Autosequence File

Scope:System

Syntax: wsr_autoseq

Each record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Autosequence #	number	N2	2	0 - 32
Autosequence Name	name_1	A20		
Type Definitions ¹	type_def	H2 (Exact)		
Privilege Group	priv_grp	N1	1	0 - 8
Chain to Autosequence	chain_to	N2	2	0 - 32
16 subrecords, each subrecord format:				
Type	step[1 - 16].entry_type	N1	1	0, 1
Report #	step[1 - 16].number	N2	2	0 - 29
View	step[1 - 16].view	N1	1	0 - 3
Revenue Center	step[1 - 16].rvc	N3	3	0 - 999
Totals Set	step[1 - 16].period	N2	2	0 - 11
Print/Display	step[1 - 16].printer	N1	1	0 - 5
Range Type	step[1 - 16].range_type	N1	1	0 - 8
Start	step[1 - 16].range_1_sel	N9	9	0 - 999,999,999
Stop	step[1 - 16].range_2_sel	N9	9	0 - 999,999,999
Disk File Device	step[1 - 16].dsk_file_dvc	N9	9	0 - 999,999,999
Reset/Examine	step[1 - 16].rst_rpt	N1	1	0 - 3

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Omit Zeroes	step[1 - 16].omit_zeros	N1	1	0 - 3
Step Type Definition ²	step_type_def	H2 (Exact)		
Autosequence Name (for multilanguage)	name_1_sid	N10		

¹ Refer to “Type Definition” on page C-101.

² Refer to “Step Type Definition” on page C-102.

User Workstation Table

Scope:System

Syntax:uws_table

Each entry record format:

Field Name	Field Mnemonic	Type Code	Max. Width	Range
User Workstation Number	number	N9	9	999,999,999
User Workstation Type	uws_type	N1	1	1 - 8
Sub Type	uws_sub_type	N1	1	1 - 3
User Workstation Device Number	dvc_num	N9	9	999,999,999
HHT Name or SAR Client Name	hht_name	A16 (Exact)		
Physical ID	hht_physical_id	H12 (Exact)		
Error Workstation Number	hht_error_uws	N9		999,999,999
HHT Type Definition ¹	hht_type_def	H4 (Exact)		
Keyboard Character Set	kybd_char_set	N1	1	1 - 2
Power-On Keyboard #1 Number	pon_kybd1	N9	9	999,999,999
Power-On Keyboard #2 Number	pon_kybd2	N9	9	999,999,999
UWS/3 PC Keyboard file	uws3_pc_kybd_file	A16 (Exact)		

¹ Refer to "Type Definition" on page C-103.

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Workstation Reports Prntr Dvc #	uws_rpt_prntr	N9	9	999,999,999
Employee Time Chit Prntr Dvc #	empl_tm_chit_prntr	N9	9	999,999,999
Employee Time Card Prntr Dvc #	empl_tm_crd_prntr	N9	9	999,999,999
Number of Cash Drawers Installed	cash_dwrs	N1	1	0 - 2
Employee Accessing Cash Drawer #1	cash_dwr1_empl	N9	9	999,999,999
Employee Accessing Cash Drawer #2	cash_dwr2_empl	N9	9	999,999,999
Type Definition ¹	type_def	H10 (Exact)		
IP Address of PCWS ²	pcws_ip_address	A15 (Exact)		
PCWS Activation ID	activation_id	A8 (Exact)		
8 subrecords, each subrecord format:				
Revenue Center	uws_rvc[1 - 8].rvc	N3	3	0 - 999
Default Touchscreen Number	uws_rvc[1 - 8].dflt_ts_scrn	N3	3	0 - 255
Default Order Type	dflt_ordr_type	N1	1	0 - 4
Maximum # Check Detail Entries	num_dtl_entries	N3	3	20 - 10000 (WinStation only) 20 - 500 (all other clients)
Customer Receipt Printer Dvc #	cust_rcpt_prntr	N9	9	999,999,999
Check Prntr Dvc #	chk_prntr	N9	9	999,999,999
Memo Check Prntr Dvc #	memo_chk_prntr	N9	9	999,999,999
Validation Prntr Dvc #	validation_prntr	N9	9	999,999,999

9700 Database Fields
User Workstation Table

Field Name	Field Mnemonic	Type Code	Max. Width	Range
Check Endorsement Prntr Dvc #	chk_endrsmnt_prntr	N9	9	999,999,999
Credit Card Voucher Prntr Dvc #	cc_voucher_prntr	N9	9	999,999,999
Back-Up Prntr Dvc #	bup_prntr	N9	9	999,999,999
Journal Prntr Dvc #	jnl_prntr	N9	9	999,999,999
Backup Journal Prntr Dvc #	bup_jnl_prntr	N9	9	999,999,999
Local Order Receipt Prntr Dvc #	ordr_rcpt_prntr	N9	9	999,999,999
Order Device Mask ³	orddvc_mask	H4 (Exact)		
Next Transaction Number	trans_num	N5	5	1 - 59,999
Thai Tax RD Number	thai_tax_rd_num	A32 (Exact)		
Location Descriptor	location	N3	3	0 - 255
Language ID (for multilanguage)	lang_id	N10		

¹ Refer to “Type Definition” on page C-105.

² This field is initialized to the string “192.168.1.”, so that the installer only has to add an arbitrary PCWS number.

³ Refer to “Order Device Enable” on page C-106.



C

9700 Database Status Fields

In This Chapter

This appendix continues the breakdown of information for 9700 database files. Tables in this section include Type and Status fields, Type Definitions, and Key numbers for the fields listed in Appendix B.

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Currency Definition File

Base Currency Options		Value	Digit
1	On = Print Currency Symbol After Numeral; Off = Print Currency Symbol Before Numeral	8	1
2	Enable Amount Due Rounding	4	
3	On = Round Amount Due To Nearest 10; Off = Round Amount Due To Nearest 0	2	
4	On = Round Amount Due On 10s Digit; Off = Round Amount Due On Units	1	
5	Use Thousands Character	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Alternate Currency Options		Value	Digit
1	ON = Base Currency Divide By Rate; OFF = Base Currency Multiply By Rate	8	1
2	Issue Change in Alternate Currency	4	
3	Prompt for Issuing Change	2	
4	Enable Amount Due Rounding	1	
5	On = Round Amount Due to Nearest 10; Off = To Nearest 0	8	2
6	On = Round Amount Due on 10s Digit; Off = On Units	4	
7	Not Available	2	
8	Not Available	1	

Device Table

Type	
0	Inactive Device
1	User Workstation
2	Roll Printer
3	Slip Printer
4	IP Printer
5	VDU
6	Not Used
7	Not Used
8	Not Used
9	Disk File
32	Liquor Dispensing System

Baud Rate
0 = Default
1 = 1200
2 = 2400
3 = 4800
4 = 9600
5 = 19200
6 = 38400
7 = 76800

Line Type
0 = Default
1 = RS-232
2 = RS-422

Discount Definition File

Type Definition		Value	Digit
1	On = Open; Off = Preset	8	1
2	On = Amount; Off = Percentage	4	
3	Item Discount	2	
4	Employee Meal	1	
5	Reference Entry Required	8	2
6	Validation Required	4	
7	Discount 100% Up to Amount	2	
8	If No Amount is Entered, use the Full Discountable Amount	1	
9	Reset Itemizers	8	3
10	Tender Required (Only for Subtotal Discounts)	4	
11	Affects Auto Service Charge (Only for Subtotal Discounts)	2	
12	Check for Valid DHC Employee Number	1	
13	Treat Percentage Discount as an Amount Discount When Calculating Taxes	8	4
14	Do Not Allow Subtotal Discount While Seat Filter is Active	4	
15	Prorate Discount Itemizers	2	
16	Allocate Subtotal Discounts as Item Discounts on Reports	1	
17	Item is Shareable	8	5
18	Employee Meal Discount Applies to Scheduled Employees Only	4	
19	Not Available	2	
20	Not Available	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

9700 Database Status Fields
Discount Definition File

Itemizers			Value	Digit
Itemizer Name, if entered:				
1	Compute on Discountable Itemizer 1		8	1
2	Compute on Discountable Itemizer 2		4	
3	Compute on Discountable Itemizer 3		2	
4	Compute on Discountable Itemizer 4		1	
5	Compute on Discountable Itemizer 5		8	2
6	Compute on Discountable Itemizer 6		4	
7	Compute on Discountable Itemizer 7		2	
8	Compute on Discountable Itemizer 8		1	
9	Compute on Discountable Itemizer 9		8	3
10	Compute on Discountable Itemizer 10		4	
11	Compute on Discountable Itemizer 11		2	
12	Compute on Discountable Itemizer 12		1	
13	Compute on Discountable Itemizer 13		8	4
14	Compute on Discountable Itemizer 14		4	
15	Compute on Discountable Itemizer 15		2	
16	Not Available		1	

Output Link	Value	Digit
The Output Link field is identical for the Menu Item Class, Discount, Service Charge, and Tender Media files. Refer to the description of this field in the Menu Item Class Definition file on page C-33.		

Main Menu Level Link and Sub-Menu Level Link	Value	Digit
Refer to the Menu Level Link tables on page C-34.		

Employee Class Definition File

Transaction Privileges		Value	Digit
1	Allow Sign-in to a User Workstation	8	1
2	Authorize a Sign-in to a Workstation	4	
3	Create New Checks Using the [Begin Check] Key	2	
4	Authorize/Perform Pickup of Check that is "Open on System"	1	
5	Not Available	8	2
6	Authorize/Use the [Item Weight] Key	4	
7	Authorize/Use the [Order Type] Key	2	
8	Authorize/Use the [Split Check] Key	1	
9	Authorize/Perform Printing of Memo Checks	8	3
10	Authorize/Perform Reprinting of Memo Checks	4	
11	Authorize/Perform Tax Exemptions using [Exempt Tax] Keys	2	
12	Authorize/Perform Automatic Service Charge Exemptions	1	
13	Authorize/Perform Reprint of ime Card	8	4
14	Authorize/Perform Change of Main Menu Level	4	
15	Authorize/Perform Change of Sub Menu Level	2	
16	Authorize/Use [Keyboard Select] Key	1	
17	Authorize/Perform Assignment of a Cash Drawer	8	5
18	Authorize/Perform Pickup Checks Belonging to Another Operator	4	
19	Post Menu Items to Checks Belonging to Another Operator	2	
20	Post Discounts to Checks Belonging to Another Operator	1	
21	Post Service Charges to Checks Belonging to Another Operator	8	6
22	Post Payments to Checks Belonging to Another Operator	4	
23	Authorize/Perform Unlimited Reprinting/Printing of a Check	2	
24	Authorize Reprinting of a Closed Check	1	

9700 Database Status Fields
Employee Class Definition File

Transaction Privileges		Value	Digit
25	Authorize/Perform Void of a MI from a Previous Round	8	7
26	Authorize/Perform Void & Return of MI not on Check	4	
27	Authorize/Perform Void of a Discount from a Previous Round	2	
28	Authorize/Perform Void of a Service Charge from a Previous Round	1	
29	Authorize/Perform Void of a Tender/Media from a Previous Round	8	8
30	Authorize Opening of Checks for Multiple Groups at a Table	4	
31	Authorize/Cause a Transaction to have a Negative Balance	2	
32	Authorize/Perform Return of MI Entered on the Current Check	1	
33	Authorize/Perform Change of Number of Guest	8	9
34	Authorize Open Cash Drawer Use the [No Sale] Key	4	
35	Authorize over HALO Amounts on [Tender Media] Keys	2	
36	Authorize/Use [Void Check] Key	1	
37	Authorize/Perform Posting of Payments	8	10
38	Authorize/Perform Closing of Checks with a Zero Balance	4	
39	Authorize/Perform Closing of Checks with a Negative Balance	2	
40	Authorize/Use [Transaction Cancel] Key	1	
41	Authorize/Perform Voids in the Current Round	8	11
42	Authorize/Perform Assignment & Changes of Cashiers	4	
43	Authorize/Perform Manual CA/EDC Credit Card Transaction	2	
44	Authorize/Use [Menu Item Price Override] Key	1	
45	Authorize Transfer of Checks in Same Revenue Center	8	12
46	Authorize Transfer of Checks Between Revenue Centers	4	
47	Authorize Adding of Checks in the Same Revenue Center	2	
48	Authorize Adding of Checks Between Revenue Centers	1	

Transaction Privileges		Value	Digit
49	Authorize/Perform Posting of Menu Items in Priv. Group 1	8	13
50	Authorize/Perform Posting of Menu Items in Priv. Group 2	4	
51	Authorize/Perform Posting of Menu Items in Priv. Group 3	2	
52	Authorize/Perform Posting of Discounts in Priv. Group 1	1	
53	Authorize/Perform Posting of Discounts in Priv. Group 2	8	14
54	Authorize/Perform Posting of Discounts in Priv. Group 3	4	
55	Authorize/Perform Posting of Service Charges in Priv. Group 1	2	
56	Authorize/Perform Posting of Service Charges in Priv. Group 2	1	
57	Authorize/Perform Posting of Service Charges in Priv. Group 3	8	15
58	Authorize/Perform Posting of Tender/Media in Priv. Group 1	4	
59	Authorize/Perform Posting of Tender/Media in Priv. Group 2	2	
60	Authorize/Perform Posting of Tender/Media in Priv. Group 3	1	
61	Authorize/Use the [Table Number] Key	8	16
62	Authorize/Use the [Transaction Void] Key	4	
63	Authorize/Use the [Block Transfer] and [Auto Block Transfer] Keys	2	
64	Authorize/Perform Reprint of a Credit Voucher	1	
65	Authorize/Use [Direct Tips] & [Indirect Tips] Keys	8	17
66	Authorize/Use [Direct Tips] & [Indirect Tips] Keys for Another Employee	4	
67	Authorize/Perform Closed Check Adjust	2	
68	Authorize/Perform Closed Check Pickup	1	
69	Authorize/Perform Void of Menu Items on Closed Checks	8	18
70	Authorize/Perform Void of Discounts on Closed Checks	4	
71	Authorize/Perform Void of Service Charges on Closed Checks	2	
72	Authorize/Perform Direct Voids	1	

9700 Database Status Fields
Employee Class Definition File

Transaction Privileges		Value	Digit
73	Allow Pickup of Checks from other Revenue Centers	8	19
74	Authorize/Perform Voids/Cancel of North American LDS Items	4	
75	Authorize/Perform Open Check Block Settlement	2	
76	Authorize/Perform UWS Download New Revenue Center	1	
77	Authorize/Use the [Transaction Return] Key	8	20
78	Download Database to an HHT	4	
79	Change Revenue Centers	2	
80	Authorize Changing Revenue Centers	1	
81	Authorize/Perform Edit of a Guest Check ID In an Open Check	8	21
82	Authorize/Perform Edit of a Guest Check ID In a Closed Check	4	
83	Authorize/Add Team Member to Check	2	
84	Authorize/Remove Team Member from Check	1	
85	Authorize/Allow Manual Entry of Credit Card Numbers	8	22
86	Authorize/Allow Sharing of Check Items	4	
87	Authorize/Perform Voiding of Shared Check Items	2	
88	Auth Cash Drawer Reconnection	1	
89	Auth Power Cycle of Workstation during Operations	8	23
90	Authorize SAR workstation to Enter Offline Mode	4	
91	Authorize SAR workstation to Exit Offline Mode	2	
92	Authorize running of Offline Reports	1	
93	Authorize/Perform Pickup Check that is "Owned by an Offline UWS"	8	24
94	Authorize/Perform Voiding of Tender w/Signature	4	
95	Authorize/Perform Signature Capture Override	2	
96	Authorize/Perform Lock/Unlock of Guest Check	1	
97	Authorize/Add Guest Check Information to Check	8	25
98	Authorize/Perform Empl Meal Disc Override for Non-Scheduled Employees	4	
99	Authorize/Perform Memo Tenders	2	
100	Authorize/Perform AVS Override	1	

Transaction Privileges		Value	Digit
101	Authorize/Perform CVV Override	8	26
102	Enable Limited Split Check	4	
103	Authorize/Perform Manual Entry of Stored Value Card Number	2	
104	Authorize/Perform Issue Stored Value Function	1	
105	Authorize/Perform Void Issue Stored Value Entry	8	27
106	Authorize/Perform Issue Stored Value Batch Function	4	
107	Authorize/Perform Void Issue Stored Value Batch Entry	2	
108	Authorize/Perform Activate Stored Value Function	1	
109	Authorize/Perform Void Activate Stored Value Entry	8	28
110	Authorize/Perform Activate Stored Value Batch Function	4	
111	Authorize/Perform Void Activate Stored Value Batch Entry	2	
112	Authorize/Perform Reload Stored Value Function	1	
113	Authorize/Perform Void Reload Stored Value Entry	8	29
114	Authorize/Perform Redeem Authorization Stored Value Function	4	
115	Authorize/Perform Void Redeem Authorization Stored Value Entry	2	
116	Authorize/Perform Redeem Stored Value Function	1	
117	Authorize/Perform Void Redeem Stored Value Entry	8	30
118	Authorize/Perform Manual Redemption Stored Value Function	4	
119	Authorize/Perform Void Manual Redemption Stored Value Entry	2	
120	Authorize/Perform Issue Stored Value Points Function	1	
121	Authorize/Perform Void Issue Stored Value Points Entry	8	31
122	Authorize/Perform Redeem Stored Value Points Function	4	
123	Authorize/Perform Void Redeem Stored Value Points Entry	2	
124	Authorize/Perform Stored Value Cash Out Function	1	
125	Authorize/Perform Stored Value Balance Inquiry Function	8	32
126	Authorize/Perform Stored Value Balance Transfer Function	4	
127	Authorize/Perform Stored Value Point Inquiry Function	2	
128	Authorize/Perform Stored Value Report Generation Function	1	

9700 Database Status Fields
Employee Class Definition File

Transaction Privileges		Value	Digit
129	Not Available	8	33
130	Not Available	4	
131	Not Available	2	
132	Not Available	1	
133	Not Available	8	34
134	Not Available	4	
135	Not Available	2	
136	Not Available	1	
137	Not Available	8	35
138	Not Available	4	
139	Not Available	2	
140	Not Available	1	
141	Not Available	8	36
142	Not Available	4	
143	Not Available	2	
144	Not Available	1	
145	Not Available	8	37
146	Not Available	4	
147	Not Available	2	
148	Not Available	1	
149	Not Available	8	38
150	Not Available	4	
151	Not Available	2	
152	Not Available	1	
153	Not Available	8	39
154	Not Available	4	
155	Not Available	2	
156	Not Available	1	

Transaction Privileges		Value	Digit
157	Not Available	8	40
158	Not Available	4	
159	Not Available	2	
160	Not Available	1	

ISL Options		Value	Digit
1	ISL Employee Option #1	8	1
2	ISL Employee Option #2	4	
3	ISL Employee Option #3	2	
4	ISL Employee Option #4	1	
5	ISL Employee Option #5	8	2
6	ISL Employee Option #6	4	
7	ISL Employee Option #7	2	
8	ISL Employee Option #8	1	

Supervisory Privileges		Value	Digit
1	Use UWS Procedure #1: Change Next Guest Check Number	8	1
2	Use UWS Procedure #2: Change Serving Period	4	
3	Use UWS Procedure #3: Employee Setup	2	
4	Access Employee Job Code & Pay Rates in UWS Procedure #3	1	
5	Use UWS Procedure #4: Employee Revenue Center Setup	8	2
6	Use UWS Procedure #5: Change Employee Revenue Center	4	
7	Use UWS Procedure #6: Print Employee List	2	
8	Use UWS Procedure #7: Change Employee Training Status	1	
9	Use UWS Procedure #8: Adjust Employee Time Card	8	3
10	Use UWS Procedure #9: Change Time Clock Schedule	4	
11	Use UWS Procedure #10: Print the Time Clock Schedule	2	
12	Use UWS Procedure #11: Redirect Order Output	1	

9700 Database Status Fields
Employee Class Definition File

Supervisory Privileges		Value	Digit
13	Use UWS Procedure #12: Edit Menu Item Class	8	4
14	Use UWS Procedure #13, #17, #18: Menu Item Assignment	4	
15	Use UWS Procedure #14: Change Menu Item Availability	2	
16	Use UWS Procedure #15: Print Menu Item Price List	1	
17	Use UWS Procedure #16: Update Currency Rates	8	5
18	Use UWS Procedure #19, #20: Change HHT Assignment	4	
19	Use UWS Procedure #21: Change IP Printer Name	2	
20	Not Available	1	
21	Run UWS Procedures in Another Revenue Center	8	6
22	Run UWS Reports in Another Revenue Center	4	
23	Reset UWS Reports	2	
24	Reset UWS Reports Without Printing	1	
25	Run PC and UWS Reports Autosequence in Privilege Group 1	8	7
26	Run PC and UWS Reports Autosequence in Privilege Group 2	4	
27	Run PC and UWS Reports Autosequence in Privilege Group 3	2	
28	Run PC and UWS Reports Autosequence in Privilege Group 4	1	
29	Run PC and UWS Reports Autosequence in Privilege Group 5	8	8
30	Run PC and UWS Reports Autosequence in Privilege Group 6	4	
31	Run PC and UWS Reports Autosequence in Privilege Group 7	2	
32	Run PC and UWS Reports Autosequence in Privilege Group 8	1	
33	Start the System and Operations from the Control Panel	8	9
34	Stop the System and Operations from the Control Panel	4	
35	Make PCs Active or Inactive from the Control Panel	2	
36	Make PC Active on Its Backup from the Control Panel	1	
37	Change Backup PC Number from the Control Panel	8	10
38	Reset the Audit Trail file	4	
39	Run the CCS Batch file Creation Program	2	
40	Run the CCS Batch Edit Program	1	

Supervisory Privileges		Value	Digit
41	Run the CCS Batch Report Program	8	11
42	Run the CCS Batch Transfer Program	4	
43	Run the Database Backup Program	2	
44	Run the Database Restore Program	1	
45	Run the Audit Trail Program	8	12
46	Download App to HHTs from Control Panel HHT/UWS Status Screen	4	
47	Can Change Employee Class in Employee File and UWS Procedures	2	
48	Run the TA9700 Program	1	
49	Can Minimize Application	8	13
50	Can Close Application	4	
51	Login to netvupoint	2	
52	Can Change Others' Passwords	1	
53	netvupoint Admin user	8	14
54	Run and Save Output on Server	4	
55	Create Public Queries	2	
56	View Credit Card Numbers	1	
57	View All Credit Card Numbers	8	15
58	Allow Tender of Party Checks	4	
59	Do Not Mask Credit Card Info from CC Utils	2	
60	Do Not Mask Credit Card Info from Reports	1	
61	Not Available	8	16
62	Not Available	4	
63	Not Available	2	
64	Not Available	1	

9700 Database Status Fields
Employee Class Definition File

Time Clock Privileges		Value	Digit
1	Clock In at Rate 1	8	1
2	Clock In at Rate 2	4	
3	Clock In at Rate 3	2	
4	Clock In at Rate 4	1	
5	Clock In at Rate 5	8	2
6	Clock In at Rate 6	4	
7	Clock In at Rate 7	2	
8	Clock In at Rate 8	1	
9	Authorize clock in	8	3
10	Authorize/Perform Clock In/Out Outside of Schedule or Breaks	4	
11	On = Minor Employees; Off = Regular Employees	2	
12	Clock Out with Open Checks	1	
13	Authorize Changing Revenue Center at Clock In	8	4
14	Change Revenue Center at Clock In	4	
15	Auth/Perform Clock Out in the Future	2	
16	Not Available	1	
17	Not Available	8	5
18	Not Available	4	
19	Not Available	2	
20	Not Available	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

Employee Definition File

(Miscellaneous) Type Definition		Value	Digit
1	On = Employee Grace Period; Off = System Grace Period	8	1
2	Continue After Errors without Pressing [Clear] Key	4	
3	Do Not Print Tracking Totals in Employee Financial Report	2	
4	International LDS Posting without Table Number Starts an LDS Fast Transaction	1	
5	Match Employee's Entries in LDS Suspense file with Other Employees	8	2
6	Default to Symbolic Mode when Editing Hexadecimal Fields	4	
7	Do Not Download to SAR Clients	2	
8	Enable Activity Log for this Employee (System Level Off/On)	1	
9	Not Available	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

Employee Time Card Overhead File

Status		Value	Digit
1	Print Last Clock Out	8	1
2	Employee Open On System	4	
3	Not Available	2	
4	Not Available	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Clock In/Out Status	
0	Clocked out
1	On unpaid break
2	On paid break
3	Clocked in without schedule
4	Clocked in with schedule

HHT Touchscreen Screen Definition File

Type Definition			
0	Disabled	16	Tender/Media SLU
1	Menu Item	17	Alphanumeric
2	Not Available	18	Not Available
3	Discount	19	Course SLU
4	Not Available	20	Not Available
5	Service Charge	21	SIM 1 Inquiry
6	Not Available	22	SIM 2 Inquiry
7	Tender/Media	23	SIM 3 Inquiry
8	Not Available	24	SIM 4 Inquiry
9	Keypad	25	Not Available
10	Not Available	26	SIM 5 Inquiry
11	Function	27	SIM 6 Inquiry
12	Macro	28	SIM 7 Inquiry
13	Menu Item SLU	29	SIM 8 Inquiry
14	Discount SLU		
15	Service Charge SLU		

Key Type Definition		Value	Digit
1	ON = Reverse Video; OFF = Normal	8	1
2	Not Available	4	
3	Not Available	2	
4	Not Available	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

For a complete list of key categories, see Appendix D.



HHT Touchscreen Style Definition File

Key Type Definition		Value	Digit
1	Sort Screen Alphabetically	8	1
2	Staydown SLU Screen	4	
3	Show Table/Group in Open Check SLU	2	
4	Show Check # in Open Check SLU	1	
5	Show Other Employee's Name in Open Check SLU	8	2
6	Show Open Time in Open Check SLU	4	
7	Show Amount Due in Open Check SLU	2	
8	Display Keys Vertically Starting at Top Left	1	
9	Display Keys Horizontally Starting at Top Left	1	3
10	Show Checks W/Held Items in Inverse in Open Check SLU	2	
11	Sort Screen Using Menu Item Sort Priorities	3	
12	Not Available	4	
13	Not Available	1	4
14	Not Available	2	
15	Not Available	3	
16	Not Available	4	

Interface File

Type Definition		Value	Digit
1	Use 19-digit Reference Entry for PMS Inquiries	8	1
2	Enable Interface Log	4	
3	Allow Inquiry without Sign-in	2	
4	Use 5 Digits for Number of Guests	1	
5	On = Use 9 digits for Terminal IDs; Off = Use 2 digits for Terminal IDs	8	2
6	Force the Number of Guests to Zero when Creating TMS Checks	4	
7	Download to HHTs	2	
8	Enable Offline Posting	1	
9	Determine Link Status Using Ping	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	4
13	Not Available	8	
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

Interface Configuration (for TTY Interface Only)		Value	Digit
1	On = Even Parity; Off = Odd Parity	8	1
2	On = Parity Check; Off = No Parity Check	4	
3	On = 2 Stop Bits; Off = 1 Stop Bit	2	
4	UWS Local Interface	1	

Interface Configuration (for TTY Interface Only)		Value	Digit
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Service Type		Interface Type		TTY Baud Rate			
0	PMS/SIM	0	COM	1	110	6	2400
1	CA/EDC	1	TCP	2	150	7	4800
2	Security	2	SPX	3	300	8	9600
3	Table Management	3		4	600	9	9200
				5	1200	10	38400
4	Stored Value						

TCP Port Number			
Service Type		TCP Host Name	Port Number
0	PMS/SIM	micros-sim	5009
1	CA/EDC	micros-ca	5008
2	Security	micros-sec	5007
3	Table Management	micros-tms	5006
4	Stored Value		

International LDS Suspense File

Menu Level Link		Value	Digit
Menu Level Name, if entered:			
1 - Menu Level 1		8	1
2 - Menu Level 2		4	
3 - Menu Level 3		2	
4 - Menu Level 4		1	
5 - Menu Level 5		8	2
6 - Menu Level 6		4	
7 - Menu Level 7		2	
8 - Menu Level 8		1	

Job Code Definition File

Type Definition		Value	Digit
1	Prompt for Direct Tips Before Clocking Out	8	1
2	Prompt for Indirect Tips Before Clocking Out	4	
3	Cannot Clock Out with Open Checks	2	
4	Use Scheduled Time If Employee Clocks In Early	1	
5	Prompt for Clock In Revenue Center	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Keyboard Definition File

Keyboard Type
0 - Disabled
1 - Not Available
2 - Not Available
3 - Not Available
4 - Not Available
5 - KBWS
6 - KBWS (Extended)

Key Types	
0 - Disabled	15 - Not Available
1 - Menu Item	16 - Not Available
2 - Menu Item FLU	17 - Not Available
3 - Discount	18 - Not Available
4 - Discount FLU	19 - Not Available
5 - Service Charge	20 - Not Available
6 - Service Charge FLU	21 - SIM 1 Inquiry
7 - Tender/Media	22 - SIM 2 Inquiry
8 - Tender/Media FLU	23 - SIM 3 Inquiry
9 - Keypad (not available for shifted keys)	24 - SIM 4 Inquiry
10 - FLU	25 - Not Available
11 - Function	26 - SIM 5 Inquiry
12 - Macro	27 - SIM 6 Inquiry
13 - Not Available	28 - SIM 7 Inquiry
14 - Not Available	29 - SIM 8 Inquiry



For a complete list of key categories, see Appendix D.

Macro Definition File

Type Definition		Value	Digit
1	Prompt for Entries	8	1
2	Apply Count to Tenders in the Macro	4	
3	Download to HHTs	2	
4	No Employee Pop up While in Macro	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Macro Key Types			
0	Disabled	15	Not Available
1	Menu Item	16	Not Available
2	Not Available	17	Alphanumeric
3	Discount	18	Not Available
4	Not Available	19	Not Available
5	Service Charge	20	Not Available
6	Not Available	21	SIM 1 Inquiry
7	Tender/Media	22	SIM 2 Inquiry
8	Not Available	23	SIM 3 Inquiry
9	Keypad	24	SIM 4 Inquiry
10	Not Available	25	Not Available
11	Function	26	SIM 5 Inquiry
12	Macro	27	SIM 6 Inquiry
13	Not Available	28	SIM 7 Inquiry
14	Not Available	29	SIM 8 Inquiry

For a complete list of key categories, see Appendix D.



Menu Item Class Definition File

Type Definition		Value	Digit
1	On = Open-Priced Menu Items; Off = Preset Menu Items	8	1
2	On = Condiment Menu Items; Off = Regular Menu Items	4	
3	Negative Priced Menu Items	2	
4	Increment Seat Number With Sale of these Menu Items	1	
5	Reference Entry Required	8	2
6	Validation Required	4	
7	Item Discounts May be Applied to these Menu Items	2	
8	Allow Menu Items in this Class to Be Non-Priced	1	
9	Condiment Changes Print Group of Parent Menu Item	8	3
10	On = Use SubMenu Level Pricing; Off = Use Main Menu Level Pricing	4	
11	Add to Guest Count	2	
12	Add to Automatic Service Charge Itemizer	1	
13	Print Price on Order Chit	8	4
14	1Do Not Put in Transaction Detail	4	
15	Weighed Items	2	
16	Check Menu Item Special Count	1	
17	Print Name 1 and Name 2 on Checks	8	5
18	Print Name 2 on Order Output instead of Name 1	4	
19	Use Name 2 on Touchscreens instead of Name 1	2	
20	Allow Decimal Quantity Entry when Ordering	1	
21	Require Number of Condiments to Match Number of Parent Items	8	6
22	On = Use Own Output Link; Off = Use Parent's (Condiments Only)	4	
23	Add Condiment Price to Parent Item's Price on Check Only	2	
24	LDS Items (International LDS Only)	1	

Type Definition		Value	Digit
25	Use with [Repeat Round] Key	8	7
26	Keep Main Menu Levels with Repeat Rounds	4	
27	Keep Sub-Menu Levels with Repeat Rounds	2	
28	Print Main Menu Level Prefix and Suffix	1	
29	Print Sub-Menu level Prefix and Suffix	8	8
30	Sort Condiments by Print Group	4	
31	Prompt for Seat Number with each Menu Item	2	
32	Use Name 2 on HHT instead of Name 1	1	
33	Do Not Download to HHTs	8	9
34	Item is Beverage	4	
35	Fixed Price Meal	2	
36	Free Repeat Course	1	
37	Use Parent's Print Group for a Fixed Price Meal Course	8	10
38	Item is Shareable	4	
39	Retail Item	2	
40	Add Course Price to Fixed Price Meal's Price on Check Only	1	
41	Consolidate Menu Items with Condiments on Order Output	8	11
42	Consolidate Parents with Matching Condiments on Order Output	4	
43	Include in CRM/TMS Check Detail Status Update	2	
44	Not Available	1	
45	Not Available	8	12
46	Not Available	4	
47	Not Available	2	
48	Not Available	1	

9700 Database Status Fields
 Menu Item Class Definition File

Course Mask		Value	Digit
1	1 - Belongs to Course 1	8	1
2	2 - Belongs to Course 2	4	
3	3 - Belongs to Course 3	2	
4	4 - Belongs to Course 4	1	
5	5 - Belongs to Course 5	8	2
6	6 - Belongs to Course 6	4	
7	7 - Belongs to Course 7	2	
8	8 - Belongs to Course 8	1	
9	9 - Belongs to Course 9	8	3
10	10 - Belongs to Course 10	4	
11	11 - Belongs to Course 11	2	
12	12 - Belongs to Course 12	1	
13	13 - Belongs to Course 13	8	4
14	14 - Belongs to Course 14	4	
15	15 - Belongs to Course 15	2	
16	16 - Belongs to Course 16	1	
17	17 - Belongs to Course 17	8	1
18	18 - Belongs to Course 18	4	
19	19 - Belongs to Course 19	2	
20	20 - Belongs to Course 20	1	
21	21 - Belongs to Course 21	8	2
22	22 - Belongs to Course 22	4	
23	23 - Belongs to Course 23	2	
24	24 - Belongs to Course 24	1	

Course Mask		Value	Digit
25	25 - Belongs to Course 25	8	3
26	26 - Belongs to Course 26	4	
27	27 - Belongs to Course 27	2	
28	28 - Belongs to Course 28	1	
29	29 - Belongs to Course 29	8	4
30	30 - Belongs to Course 30	4	
31	31 - Belongs to Course 31	2	
32	32 - Belongs to Course 32	1	

Condiment Masks: Required/Allowed/Member of			Value	Digit
Condiment Group Name, if entered:				
1	Condiment Group 1		8	1
2	Condiment Group 2		4	
3	Condiment Group 3		2	
4	Condiment Group 4		1	
5	Condiment Group 5		8	2
6	Condiment Group 6		4	
7	Condiment Group 7		2	
8	Condiment Group 8		1	
9	Condiment Group 9		8	3
10	Condiment Group 10		4	
11	Condiment Group 11		2	
12	Condiment Group 12		1	
13	Condiment Group 13		8	4
14	Condiment Group 14		4	
15	Condiment Group 15		2	
16	Condiment Group 16		1	

9700 Database Status Fields
Menu Item Class Definition File

Condiment Masks: Required/Allowed/Member of			Value	Digit
17	Condiment Group 17		8	5
18	Condiment Group 18		4	
19	Condiment Group 19		2	
20	Condiment Group 20		1	
21	Condiment Group 21		8	6
22	Condiment Group 22		4	
23	Condiment Group 23		2	
24	Condiment Group 24		1	
25	Condiment Group 25		8	7
26	Condiment Group 26		4	
27	Condiment Group 27		2	
28	Condiment Group 28		1	
29	Condiment Group 29		8	8
30	Condiment Group 30		4	
31	Condiment Group 31		2	
32	Condiment Group 32		1	

The Output Link field is identical for the Menu Item Class, Discount, Service Charge, and Tender Media files.

Output Link		Value	Digit
1	Print on Customer Receipt	8	1
2	Not Available	4	
3	Print on Journal	2	
4	Print on Guest Check	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	
9	Output to Order Device #1	8	3
10	Output to Order Device #2	4	
11	Output to Order Device #3	2	
12	Output to Order Device #4	1	
13	Output to Order Device #5	8	4
14	Output to Order Device #6	4	
15	Output to Order Device #7	2	
16	Output to Order Device #8	1	
17	Output to Order Device #9	8	5
18	Output to Order Device #10	4	
19	Output to Order Device #11	2	
20	Output to Order Device #12	1	
21	Output to Order Device #13	8	6
22	Output to Order Device #14	4	
23	Output to Order Device #15	2	
24	ON=Red; OFF = Black	1	

Menu Item Definition File

Main Menu Level Link			Value	Digit
Main Menu Level Name, if entered:				
1	Main Menu Level 1		8	1
2	Main Menu Level 2		4	
3	Main Menu Level 3		2	
4	Main Menu Level 4		1	
5	Main Menu Level 5		8	2
6	Main Menu Level 6		4	
7	Main Menu Level 7		2	
8	Main Menu Level 8		1	

Sub Menu Level Link			Value	Digit
Sub Menu Level Name, if entered:				
1	Sub Menu Level 1		8	1
2	Sub Menu Level 2		4	
3	Sub Menu Level 3		2	
4	Sub Menu Level 4		1	
5	Sub Menu Level 5		8	2
6	Sub Menu Level 6		4	
7	Sub Menu Level 7		2	
8	Sub Menu Level 8		1	

Menu Item Master File

Status		Value	Digit
1	Out of Menu Item	8	1
2	Do Not Allow UWS Procedures to Display or Edit	4	
3	Not Available	2	
4	Not Available	1	
5	Fidelio F&B Added — SET BY SYSTEM ONLY	8	2
6	Fidelio F&B Edited — SET BY SYSTEM ONLY	4	
7	Fidelio F&B Deleted — SET BY SYSTEM ONLY	2	
8	Not Available	1	

Menu Item Price File

Type Definition		Value	Digit
1	Price for Fixed Price Meal Course	8	1
2	Price for Fixed Price Meal Course and Regular Menu Item	4	
3	Not Available	2	
4	Not Available	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Open and Closed Check Detail Files

Menu Item Detail Table (entry type = 1)

Status Flags		Value	Digit
1	Previous Entry	8	1
2	Not Available	4	
3	NLU Entry	2	
4	Return Entry	1	
5	Void Entry	8	2
6	On = Preset; Off = Open Priced	4	
7	Second Level Condiment	2	
8	Condiment	1	3
9	Not Available	8	
10	Voided By Line Number	4	
11	Price Override	2	
12	SKU Entry	1	4
13	Not Available	8	
14	Entered in Last Round and Repeatable	4	
15	Not Available	2	
16	Item Posted From International LDS	1	5
17	Tax Exempted	8	
18	Current Round Void	4	
19	Last Item Void Not Allowed (Item was Posted to PMS)	2	
20	Printed on Line-by-Line Receipt	1	6
21	Not Available	8	
22	Item Posted From North American LDS	4	
23	Not Available	2	
24	Split Check	1	

9700 Database Status Fields
 Open and Closed Check Detail Files

Status Flags		Value	Digit
25	Barcode Price	8	7
26	NLU Price	4	
27	Menu Item on Hold	2	
28	Not Available	1	
29	Beverage Added After Prompt	8	8
30	Shared Item	4	
31	Course NLU	2	
32	Not Available	1	

Menu Item Type Definition	Value	Digit
Refer to “Menu Item Class Definition File” on page C-28.		

Output Link	Value	Digit
Refer to “Output Link” on page C-33.		

Tax Type Definition	Value	Digit
Refer to “Tax Class Definition File” on page C-82.		

First Hexadecimal Digit: Discount Itemizers		Second Hexadecimal Digit: Service Charge Itemizers	
0	no Discount Itemizer selected	0	no Service Charge Itemizer selected
1	Discount Itemizer #1	1	Service Charge Itemizer #1
2	Discount Itemizer #2	2	Service Charge Itemizer #2
3	Discount Itemizer #3	3	Service Charge Itemizer #3
4	Discount Itemizer #4	4	Service Charge Itemizer #4
5	Discount Itemizer #5	5	Service Charge Itemizer #5
6	Discount Itemizer #6	6	Service Charge Itemizer #6
7	Discount Itemizer #7	7	Service Charge Itemizer #7
8	Discount Itemizer #8	8	Service Charge Itemizer #8
9	Discount Itemizer #9	9	Not Available
A	Discount Itemizer #10	A	Not Available
B	Discount Itemizer #11	B	Not Available
C	Discount Itemizer #12	C	Not Available
D	Discount Itemizer #13	D	Not Available
E	Discount Itemizer #14	E	Not Available
F	Discount Itemizer #15	F	Not Available

Discount Detail Table (entry type = 2)

Status Flags		Value	Digit
1	Previous Entry	8	1
2	Not Available	4	
3	NLU Entry	2	
4	Return Entry	1	
5	Void Entry	8	2
6	ON = Preset; OFF = Open Priced	4	
7	Not Available	2	
8	Item Discount	1	
9	Not Available	8	3
10	Voided By Line Number	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	
17	Tax Exempted	8	5
18	Current Round Void	4	
19	Last Item Void Not Allowed (Item was Posted to PMS)	2	
20	Printed on Line-by-Line Receipt	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

Discount Type Definition	Value	Digit
Refer to “Discount Definition File” on page C-5.		

Itemizers	Value	Digit
Refer to “Itemizers” on page C-6.		

Tax Type Definition	Value	Digit
Refer to “Tax Class Definition File” on page C-82.		

Output Link	Value	Digit
The Output Link field is identical for the Menu Item Class, Discount, Service Charge, and Tender Media files. Refer to the description of this field in the Menu Item Class Definition file on page C-33.		

Service Charge Detail Table (entry type = 3)

Status Flags		Value	Digit
1	Previous Entry	8	1
2	Not Available	4	
3	NLU Entry	2	
4	Return Entry	1	
5	Void Entry	8	2
6	ON = Preset; OFF = Open Priced	4	
7	Not Available	2	
8	Charged Tip	1	
9	Not Available	8	3
10	Voided by Line Number	4	
11	Previous Round Item Updated	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	
17	Tax Exempted	8	5
18	Current Round Void	4	
19	Last Item Void Not Allowed (Item was Posted to PMS)	2	
20	Printed on Line-by-Line Receipt	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

Service Charge Type Definition	Value	Digit
Refer to “Service Charge Definition File” on page C-72.		

Itemizers	Value	Digit
Refer to “Service Charge Definition File” on page C-72.		

Tax Type Definition	Value	Digit
Refer to “Tax Class Definition File” on page C-82.		

Output Link	Value	Digit
The Output Link field is identical for the Menu Item Class, Discount, Service Charge, and Tender Media files. Refer to the description of this field in the Menu Item Class Definition file on page C-33.		

Tender/Media Detail Table (entry type = 4)

Status Flags		Value	Digit
1	Previous Entry	8	1
2	Not Available	4	
3	NLU Entry	2	
4	Return Entry	1	
5	Void Entry	8	2
6	(See table that follows for settings for flags 6 - 8)	4	
7		2	
8		1	
9	Not Available	8	3
10	Voided By Line Number	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	
17	Tax Exempted	8	5
18	Current Round Void	4	
19	Last Item Void Not Allowed (Item was Posted to PMS)	2	
20	Printed on Line-by-Line Receipt	1	
21	Not Available	8	6
22	Not Available	4	
23	Print Thai Invoice	2	
24	Print Thai Account Number	1	

Status Flags		Value	Digit
25	Not Available	8	7
26	Not Available	4	
27	Not Available	2	
28	Not Available	1	
29	Not Available	8	8
30	Not Available	4	
31	Not Available	2	
32	Not Available	1	

Status Flag			Entry Status
#6	#7	#8	
Tender/Media			
0	0	0	Receipt
0	0	1	Loan
0	2	0	Pickup
0	2	1	Not Available
4	0	0	Not Available
4	0	1	Change
4	2	0	Service Total

Tender/Media Type Definition	Value	Digit
Refer to "Tender/Media Definition File" on page C-83.		

Output Link	Value	Digit
The Output Link field is identical for the Menu Item Class, Discount, Service Charge, and Tender Media files. Refer to the description of this field in the Menu Item Class Definition file on page C-33.		

Reference Number Table (entry type = 5)

Detail Type Number	
1	Format as a DHC Credit Card Number.
2	This reference entry contains the customer name from track 1.
3	This reference entry is formatted as "CLOSED TO CHK 1234" AND the option is set to print the check number double wide on such a line. (This occurs when part of a check is memo tendered.)
4	This is a Thai tax invoice number.
5	This is a Thai tax account number.
6	This is a tax exempt reference number.
7	This is a tax shift reference number.
8	This reference entry contains the original price if the price has been overridden.
9	This is a Taiwan GUI reference descriptor.

CA Authorization Type 1 Table (entry type = 6)

Type Definition		Value	Digit
1	Tax Rate 1 Exempt	8	1
2	Tax Rate 2 Exempt	4	
3	Tax Rate 3 Exempt	2	
4	Tax Rate 4 Exempt	1	
5	Tax Rate 5 Exempt	8	2
6	Tax Rate 6 Exempt	4	
7	Tax Rate 7 Exempt	2	
8	Tax Rate 8 Exempt	1	

Type Definition		Value	Digit
9	Service Charge Exempt	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

CA Authorization Type 2 Table (entry type = 7)

Type Definition		Value	Digit
1	Format as a DHC Credit Card Number	8	1
2	Not Available	4	
3	Not Available	2	
4	Not Available	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Open and Closed Check Totals Files

Status Flags		Value	Digit
1	Summary Totals Printed	8	1
2	Check Cancelled	4	
3	ON = Split From; OFF = Transferred From ¹	2	
4	ON = Added To; OFF = Transferred To ²	1	
5	Credit Authorization Waiting to be Processed	8	2
6	ON = Type 2; OFF = Type 1	4	
7	Training Mode	2	
8	“Open On System” Overridden	1	
9	Autogratuity Exempted	8	3
10	New TMS Check	4	
11	Fast Transaction	2	
12	Closed Check Adjusted	1	
13	Japanese Tax Threshold	8	4
14	Guests Key Used	4	
15	Credit Authorization Pending	2	
16	Auto Service Charge On Then Off	1	

¹ This field describes check status if the “Transfer From Check #/Split From Check #” field is non-zero.

² This field describes check status if the “Transfer/Added To Check Number” field is non-zero.

Closed Seat Map (Open Checks Only)

These bits determine whether or not any of the 63 seats that may be assigned to a guest check have been “closed” by a memo tender. Transaction detail (e.g., menu items, etc.) cannot be added to or removed from a closed seat.

If the value of a seat = 0, the seat is open.

If the value of a seat > 0, the seat is closed (i.e., was memo tendered).

Seat	Value	Digit	Seat	Value	Digit	Seat	Value	Digit
Seat #0	8	1	Seat #24	8	7	Seat #48	8	13
Seat #1	4		Seat #25	4		Seat #49	4	
Seat #2	2		Seat #26	2		Seat #50	2	
Seat #3	1		Seat #27	1		Seat #51	1	
Seat #4	8	2	Seat #28	8	8	Seat #52	8	14
Seat #5	4		Seat #29	4		Seat #53	4	
Seat #6	2		Seat #30	2		Seat #54	2	
Seat #7	1		Seat #31	1		Seat #55	1	
Seat #8	8	3	Seat #32	8	9	Seat #56	8	15
Seat #9	4		Seat #33	4		Seat #57	4	
Seat #10	2		Seat #34	2		Seat #58	2	
Seat #11	1		Seat #35	1		Seat #59	1	
Seat #12	8	4	Seat #36	8	10	Seat #60	8	16
Seat #13	4		Seat #37	4		Seat #61	4	
Seat #14	2		Seat #38	2		Seat #62	2	
Seat #15	1		Seat #39	1		Seat #63	1	
Seat #16	8	5	Seat #40	8	11			
Seat #17	4		Seat #41	4				
Seat #18	2		Seat #42	2				
Seat #19	1		Seat #43	1				
Seat #20	8	6	Seat #44	8	12			
Seat #21	4		Seat #45	4				
Seat #22	2		Seat #46	2				
Seat #23	1		Seat #47	1				

9700 Database Status Fields
 Open and Closed Check Totals Files

Seat Check Printed Map (Open Checks Only)

These fields determine whether or not any of the 63 seats that may be assigned to a guest check have been printed, in the form of a memo check. Seats that have been printed once can only be reprinted by an employee whose Transaction Privilege #10 in the Employee Class file is enabled.
 If the value of a seat = 0, no memo check was printed for this seat.
 If the value of a seat > 0, a memo check was printed.

Seat	Value	Digit	Seat	Value	Digit	Seat	Value	Digit
Seat #0	8	1	Seat #24	8	7	Seat #48	8	13
Seat #1	4		Seat #25	4		Seat #49	4	
Seat #2	2		Seat #26	2		Seat #50	2	
Seat #3	1		Seat #27	1		Seat #51	1	
Seat #4	8	2	Seat #28	8	8	Seat #52	8	14
Seat #5	4		Seat #29	4		Seat #53	4	
Seat #6	2		Seat #30	2		Seat #54	2	
Seat #7	1		Seat #31	1		Seat #55	1	
Seat #8	8	3	Seat #32	8	9	Seat #56	8	15
Seat #9	4		Seat #33	4		Seat #57	4	
Seat #10	2		Seat #34	2		Seat #58	2	
Seat #11	1		Seat #35	1		Seat #59	1	
Seat #12	8	4	Seat #36	8	10	Seat #60	8	16
Seat #13	4		Seat #37	4		Seat #61	4	
Seat #14	2		Seat #38	2		Seat #62	2	
Seat #15	1		Seat #39	1		Seat #63	1	
Seat #16	8	5	Seat #40	8	11			
Seat #17	4		Seat #41	4				
Seat #18	2		Seat #42	2				
Seat #19	1		Seat #43	1				
Seat #20	8	6	Seat #44	8	12			
Seat #21	4		Seat #45	4				
Seat #22	2		Seat #46	2				
Seat #23	1		Seat #47	1				

Operator Definition File

Type Definition		Value	Digit
1	Table Number Entry Required to Begin/Pickup Checks	8	1
2	Number of Guests Entry Required for New Checks	4	
3	Require Check Employee Number with New Checks	2	
4	Use Employee Number to Open Check for Another Employee	1	
5	On = On-demand; Off = By-round	8	2
6	Special By-round; Same as 4700 "Temporary On-demand"	4	
7	Cannot Perform Fast Transactions	2	
8	Popup Operator	1	
9	Line by Line Customer Receipt	8	3
10	Display Menu Item NLU Number	4	
11	NLU List is Stay Down	2	
12	Display Condiment Help	1	
13	Bank Entry Required at Beginning of Shift	8	4
14	Require Seat Number Entry	4	
15	If Staydown Operator, Enable the Auto Popup Timeout	2	
16	Require Guest Check ID	1	
17	HHT Popup Operator	8	5
18	Display Menu Item NLU Number on HHT	4	
19	DBCS Operator	2	
20	Require Authorization for Cash Drawer Reconnection	1	
21	Require Authorization for Power Cycle of UWS during Operations	8	6
22	Please Enter a Value Between 1 and 16000.	4	
23	HHT Reprint Local Check	2	
24	Not Available	1	

9700 Database Status Fields
Operator Definition File

Type Definition		Value	Digit
25	Not Available	8	7
26	Not Available	4	
27	Not Available	2	
28	Not Available	1	
29	Not Available	8	8
30	Not Available	4	
31	Not Available	2	
32	Not Available	1	

Order Device Table

Order Device Options		Value	Digit
1	On = Print Trans Emp Name & #; Off = Print Chk Emp Name & #	8	1
2	Print Seat Number in Red	4	
3	Print Doppiebon	2	
4	Print Doppiebon Summary	1	
5	Backup Without Prompting	8	2
6	Print Seat Numbers with Individual Items	4	
7	Display/Print Revenue Center Name on Orders	2	
8	Partial Cut on Autocut Printer	1	
9	On = Print "V V VOID V V" before Void; Off = Print Void in Red	8	3
10	Print Condiments in Red	4	
11	Print Both Menu Item Names	2	
12	Wrap Condiments	1	
13	Print Guest Check Info Lines Before Header	8	4
14	Print Guest Check Info Lines After Header	4	
15	Print Guest Check Info Lines After Trailer	2	
16	Print Secondary Items	1	
17	Broadcast Secondary Print Jobs to All Printers	8	5
18	Print Secondary Printer Header	4	
19	Print Secondary Items in Red	2	
20	Suppress Blank Lines	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

9700 Database Status Fields
Order Device Table

VDU Type Definition		Value	Digit
1	Set to Display in Lower Half of VDU	8	1
2	Enable Order Timer	4	
3	Enable Keypad Beeper	2	
4	Enable Order Beeper	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

PC Autosequences File

Type Definition		Value	Digit
1	Do Not Run if There Are Open Checks in the System	8	1
2	Search for Open Checks Only in 1st RVC in Autosequence	4	
3	Autosequence Does Not Appear on Run Screens	2	
4	Do Not Run if any Employees are Clocked In	1	
5	Not Available	8	2
6	Confirm Before Running Autosequence	4	
7	Prompt When Sequence is Complete	2	
8	Do Not Run if There Are Offline Workstations	1	
9	Not Available	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

Step Type Definition		Value	Digit
1	Do Not Cancel Sequence if External Program Returns an Error	8	1
2	Do Not Display Error if External Program Returns an Error	4	
3	Add Marker to Transaction Detail Log	2	
4	Lock User Workstations in this Report's View	1	
5	uspend Totals Posting	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Report Configuration File

Type Definition		Value	Digit
1	Round to Units (Omit Decimal Digits)	8	1
2	Add to Accumulator 1	4	
3	Subtract from Accumulator 1	2	
4	Subtract Accumulator 1	1	
5	Multiply by Accumulator 1	8	2
6	Divide by Accumulator 1	4	
7	Divide Accumulator 1	2	
8	Add to Accumulator 2	1	
9	Subtract from Accumulator 2	8	3
10	Subtract Accumulator 2	4	
11	Multiply by Accumulator 2	2	
12	Divide by Accumulator 2	1	
13	Divide Accumulator 2	8	4
14	Reset Accumulator	4	
15	Print/Display Totals Set Above Programmed Column Name	2	
16	Division Operations Specified Above Are Percentage Calculations	1	
17	Print Accumulator as a Percentage	8	5
18	Print as an Average	4	
19	No Subtotal or Total	2	
20	Print Summary Block Below This Column Note: This is not available in the Table Report and Income Audit Report.	1	

9700 Database Status Fields
Report Configuration File

Type Definition		Value	Digit
21	Not Available	8	6
22	Not Available	4	
23	On = Right Justify; Off = Use Center or Left Justification (as defined below)	2	
24	On = Center Justify; Off = Left Justify Note: This Type Def is active only if Type Def #23 is Off.	1	

The following field applies only to the Major and Family Group Reports:

Report Type Definition		Value	Digit
1	On = Print Food Cost Summary; Off = Print Sales Summary	8	1
2	If Report Reset, Reset Major Group Sales Totals	4	
3	If Report Reset, Reset Major Group Food Cost Totals	2	
4	Not Available	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

The following field applies only to the Menu Item Report:

Report Type Definition		Value	Digit
1	On = Print Food Cost Summary; Off = Print Sales Summary	8	1
2	If Report is Reset, Reset Menu Item Sales Totals	4	
3	If Report is Reset, Reset Menu Item Food Cost Totals	2	
4	RVC Subtotal, If Detail Report on MI with Several Prices	1	
5	If RVC Report, Subtotal Each Menu Item's Total Entry	8	2
6	Include Menu Levels on Menu Item Detail Report	4	
7	Not Available	2	
8	Not Available	1	

Revenue Center Configuration File

Active PCs		Active PCs	
1	Revenue Center Active in PC #1	17	Revenue Center Active in PC #17
2	Revenue Center Active in PC #2	18	Revenue Center Active in PC #18
3	Revenue Center Active in PC #3	19	Revenue Center Active in PC #19
4	Revenue Center Active in PC #4	20	Revenue Center Active in PC #20
5	Revenue Center Active in PC #5	21	Revenue Center Active in PC #21
6	Revenue Center Active in PC #6	22	Revenue Center Active in PC #22
7	Revenue Center Active in PC #7	23	Revenue Center Active in PC #23
8	Revenue Center Active in PC #8	24	Revenue Center Active in PC #24
9	Revenue Center Active in PC #9	25	Revenue Center Active in PC #25
10	Revenue Center Active in PC #10	26	Revenue Center Active in PC #26
11	Revenue Center Active in PC #11	27	Revenue Center Active in PC #27
12	Revenue Center Active in PC #12	28	Revenue Center Active in PC #28
13	Revenue Center Active in PC #13	29	Revenue Center Active in PC #29
14	Revenue Center Active in PC #14	30	Revenue Center Active in PC #30
15	Revenue Center Active in PC #15	31	Revenue Center Active in PC #31
16	Revenue Center Active in PC #16	32	Revenue Center Active in PC #32

Revenue Center Parameters File

Option Codes		Value	Digit
1	Operator Assigns Check Numbers	8	1
2	On = Use Employee Number with [Tips Paid]; Off = Use ID Number	4	
3	On = Use Employee Number with [Employee Meal]; Off = Use ID Number	2	
4	Hide Employee IDs in Employee Setup UWS Procedures	1	
5	Staydown Operators Return to Original Revenue Center after [Change Transaction RVC] Key	8	2
6	Prorate Itemizers when Posting Partial Tender to PMS	4	
7	Validate Employee Direct/Indirect Tips Declared Transactions	2	
8	Use Number of Seats for Guest Count	1	
9	On Demand Customer Receipts	8	3
10	Auto Service Charge Defaults to Off	4	
11	On = Use Employee Number to Transfer Block of Checks; Off = Use ID Number	2	
12	Fast Transactions Do Not Generate Closed Check Records	1	
13	No Change in Revenue Center without Operator Totals	8	4
14	Print Split Check if Table Number is 0	4	
15	Allow Fast Transactions	2	
16	Do Not Allow Service Total of Fast Transactions	1	
17	Do Not Save PMS Response If Credit Authorization Required	8	5
18	ON = Use 5 Digit Table Number; OFF = Use 4 Character Table ID	4	
19	Reset Operator Financial Report for Tip Employee after a Tips Paid Operation	2	
20	If No Employee Signed In, Blank the Rear Customer Display	1	

Option Codes		Value	Digit
21	Automatic Retry if Printer Busy - FOR TESTING ONLY	8	6
22	Print Checks and Receipts Unsupervised if on Roll Printer	4	
23	Retain Current Main Menu Level after Transaction	2	
24	Retain Current Sub Menu Level after Transaction	1	
25	Assign Seat Numbers to Added Check Detail	8	7
26	Default Seat Number to 1 at Beginning of Each Transaction	4	
27	Number of Seats May Not Exceed Number of Guests	2	
28	Use Alternate Text File	1	
29	Test for SKU Validity Using Check Digit	8	8
30	Accept European Article Numbering Barcodes	4	
31	Disable Barcode NLU Help Screen	2	
32	Enable Barcode or SKU "Not in File" Screen	1	
33	Enable UPC Algorithm for Barcode NLU Entries	8	9
34	Convert UPC-E to UPC-A	4	
35	Use First Available Instead of Next Highest Group Number	2	
36	Do Not Allow Overtendering if Charge Tip is Required	1	
37	Keep the Same Check Number when Check Is Reopened	8	10
38	Use Beverage Control	4	
39	Use Guest for Beverage Control	2	
40	Keep Seat Numbers on Added Check Detail	1	
41	Print Final Tender at Top of Form	8	11
42	Print SAR Device Name on Guest Check	4	
43	Use Payroll ID with [Employee Meal]	2	
44	Not Available	1	
45	Not Available	8	12
46	Not Available	4	
47	Not Available	2	
48	Not Available	1	

9700 Database Status Fields
 Revenue Center Parameters File

Option Codes		Value	Digit
49	Not Available	8	13
50	Not Available	4	
51	Not Available	2	
52	Not Available	1	
53	Not Available	8	14
54	Not Available	4	
55	Not Available	2	
56	Not Available	1	

Format Options		Value	Digit
1	Print Unit Price as well as Line Totals on Checks	8	1
2	Print Check Number Double Wide on Guest Check and Customer Receipts	4	
3	Print Table Number Double Wide on Guest Checks Only	2	
4	Wrap Condiments on Guest Check	1	
5	Print Trailer Lines on Split Check if On-Demand	8	2
6	Eliminate Blank Lines from Guest Checks	4	
7	Print "Closed to" Check Number Double Wide on Memo Guest Check	2	
8	Print Stored Credit Cards on Guest Check	1	
9	Print REPRINTED CHECK Header	8	3
10	Print Open and Closed Time on Check	4	
11	Print Previous Balance each Round	2	
12	Print Tenders after Summary Totals on Checks and Receipts	1	
13	Service Round Totals Include the Current Round Only	8	4
14	Print Service Total Time Stamp on Checks	4	
15	Print Amount Paid Double Wide on Guest Check and Receipts	2	
16	Print "V V V VOID V V V" Line on Checks	1	

Format Options		Value	Digit
17	Print Tax Exempt Coupon "Tax Forgiven" Amount	8	5
18	Do Not Print Revenue Center Name Line in Journal Entry Headers	4	
19	Display an "E" in Customer Display if Exempt	2	
20	Partial Cut Between Customer Receipts on Autocut Roll Printers	1	
21	Print "Your Order Number is: XXXX" at Bottom of Receipts	8	6
22	Print Transaction Employee # and UWS # on Guest Check Each Round	4	
23	Print SKU or UPC Number	2	
24	Skip Blank Lines when Print or Display Guest Check Info Lines	1	
25	Do Not Display Guest Check Info Lines on User Workstation	8	7
26	Print Guest Check Info Lines Before Header on Guest Checks	4	
27	Print Guest Check Info Lines After Header on Guest Checks	2	
28	Print Guest Check Info Lines After Trailer on Guest Checks	1	
29	Use Team Information on Guest Check	8	8
30	Print "Payment" Line on Guest Check	4	
31	Don't Print Fixed Price Meal Course on Guest Checks	2	
32	Don't Center Header Printing	1	
33	Don't Print Check Open Time on Customer Receipts	8	9
34	Print Guest Count at End of By-Round Checks	4	
35	Hide Previous Round Condiments on Display	2	
36	Allow Tender Media to Print 2 Guest Checks and Receipts	1	
37	Print Guest Check and Receipt Header in Red	8	10
38	Print Guest Check and Receipt Trailer in Red	4	
39	Display Other Team Members' Detail	2	
40	Display Guest Information on User Workstation	1	
41	Not Available	8	11
42	Not Available	4	
43	Not Available	2	
44	Not Available	1	

9700 Database Status Fields
 Revenue Center Parameters File

Format Options		Value	Digit
46	Not Available	8	12
46	Not Available	4	
47	Not Available	2	
48	Not Available	1	
49	Not Available	8	13
50	Not Available	4	
51	Not Available	2	
52	Not Available	1	
53	Not Available	8	14
54	Not Available	4	
55	Not Available	2	
56	Not Available	1	

Prompt/Confirm Options		Value	Digit
1	Prompt On-Demand Operators to Print Split Checks	8	1
2	Do Not Prompt for Guest When Prorating PMS Itemizers	4	
3	[Begin Check] Key Confirmation Not Required	2	
4	[Pickup Check] Key Confirmation Not Required	1	
5	No Confirmation Required When Changing Keyboards with [Keyboard Select] Keys	8	2
6	Confirmation Required for Line Number Voids	4	
7	Confirmation Required for Seat Number Changes	2	
8	Display Summary Totals Only After Order Type Declared	1	

Prompt/Confirm Options		Value	Digit
9	Prompt for Guest Count when Split Check	8	3
10	Prompt for Void Reason Code	4	
11	Prompt for Guest Check Information when Beginning Party Check	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

Posting Options		Value	Digit
1	Do Not Post Transactions to Tip Report Totals	8	1
2	Round Discount and Service Charge % Entries	4	
3	Round Discount and Service Charge % to 0, 10 (If not selected, round to 0, 5, 10)	2	
4	Round Discount and Service Charge % Based on 10's Digit (if not selected, round to 1's digit)	1	
5	Zero or Negative Transactions Do Not Add to Guest or Guest Check Counts	8	2
6	Post Totals to Transaction Operator (if not selected, post totals to Check Operator)	4	
7	Post Tender to Transaction Operator (if not selected, post tenders to Check Operator)	2	
8	If No Transaction Operator Cashier Totals, Post to Check Operator Cashier Totals	1	
9	Decrement Tender Media Totals when Voided	8	3
10	Post Negative Covers to PMS and Totals	4	
11	Not Available	2	
12	Not Available	1	

9700 Database Status Fields
 Revenue Center Parameters File

Posting Options		Value	Digit
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

Control Options		Value	Digit
1	Cashier Totals Declaration Required with Tender/Media and Tips Paid	8	1
2	Require Cashier Totals to Begin Transaction	4	
3	Require Finalization of Check after Partial Tender	2	
4	Allow Void of Discount in Current Service Round Only	1	
5	Allow Void of Service Charge in Current Service Round Only	8	2
6	Allow Void of Tender/Media in Current Service Round Only	4	
7	Open Drawer Only if Balance Due is 0.00	2	
8	Post Error Corrects as Voids	1	
9	Allow Only One Group per Table	8	3
10	Validation Required for Menu Item, Service Charge Voids	4	
11	Validation Required for Menu Item Returns	2	
12	Only Non-Sales Transactions Output to Journal	1	
13	Only Sales Exception Items Output to Journal	8	4
14	Allow Changes to Menu Items on Closed Checks	4	
15	Allow Service Total of Closed Checks	2	
16	Allow Overtender of Closed Checks	1	
17	Employee ID Required with [No Sale] Key	8	5
18	Print Voucher when Employee Discount or Employee Tender is Used	4	
19	Require Reference Entry with Price Override	2	
20	Do Not Open Drawer if Subtotal is 0.00	1	

Control Options		Value	Digit
21	Enable Condiment Masking	8	6
22	Staydown Operators Pop Up if 2 Drawers Assigned	4	
24	Not Available	2	
24	Not Available	1	
25	Not Available	8	7
26	Not Available	4	
27	Not Available	2	
28	Not Available	1	
29	Not Available	8	8
30	Not Available	4	
31	Not Available	2	
32	Not Available	1	

Tax Option Codes		Value	Digit
1	Do Not Include Tax in Totals on Tip Reports	8	1
2	Require Reference Entry with Tax Exemptions	4	
3	Print Japanese Amount Due	2	
4	Allow Discount to Affect Japanese Excise Tax Threshold	1	
5	Print VAT Lines Before Summary Totals	8	2
6	Always Print VAT Line Even if 0.00	4	
7	Print Consolidated VAT Line on Guest Checks and Customer Receipts	2	
8	Print VAT Net Totals on Guest Checks and Customer Receipts	1	
9	Print VAT Line for Rate 1	8	3
10	Print VAT Line for Rate 2	4	
11	Print VAT Line for Rate 3	2	
12	Print VAT Line for Rate 4	1	

9700 Database Status Fields
Revenue Center Parameters File

Tax Option Codes		Value	Digit
13	Print VAT Line for Rate 5	8	4
14	Print VAT Line for Rate 6	4	
15	Print VAT Line for Rate 7	2	
16	Print VAT Line for Rate 8	1	
17	Thai Tax Trailer Uses UWS Number Instead of RVC Number	8	5
18	Print Tax Exempt Voucher	4	
19	Not Available	2	
20	Not Available	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

CA/EDC Option Codes		Value	Digit
1	Use Percent Secondary Floor Limits	8	1
2	Use Amount Secondary Floor Limits	4	
3	Print Voucher when Performing Secondary Credit Authorization	2	
4	Prompt Before Printing Second Voucher	1	
5	Do Not Estimate Tips of Credit Card Authorizations	8	2
6	Do Credit Authorization Invoice Report; 3C Only, Not Available	4	
7	Print Two Credit Card Vouchers	2	
8	Ignore All Credit Authorization Floor Limits	1	
9	Print 3C Service Code on Credit Card Voucher	8	3
10	Print "Total" Instead of "Subtotal" on Credit Card Voucher	4	
11	Print Two Credit Card Vouchers from HHT	2	
12	No Trailer on Second Credit Card Voucher	1	

CA/EDC Option Codes		Value	Digit
13	No Trailer on Second Credit Card Voucher from HHT	8	4
14	Print Credit Card Vouchers in Background	4	
15	Print Two Lines of Discretionary Driver Data	2	
16	Do Not Print Credit Card Info on Guest Check and Customer Receipt	1	
17	Not Available	8	5
18	Not Available	4	
19	Not Available	2	
20	Not Available	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

9700 Database Status Fields
 Revenue Center Parameters File

HHT Option Codes		Value	Digit
1	Display Prices of MI, Disc, & Svc Chgs When Check Initially Displays	8	1
2	Display The Tax & Autogratuity When Check Initially Displays	4	
3	Do Not Check For Functioning HHTs Every 3 Minutes	2	
4	Enable Display of Seats in Transaction Detail Display	1	
5	Display Seats on Initial Callup of Transaction Detail Display	8	2
6	Use Numeric Screen for Ref Entry With CREDIT CARD STORE Key	4	
7	To Save Batteries, Turn Off HHT on Employee Auto Sign Out	2	
8	Use Alternate ID for Sign-in	1	
9	Beep on Good Mag Card Swipe	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

TMS Option Codes		Value	Digit
1	Send Check Status Messages to TMS	8	1
2	Enable CRM/TMS Interface	4	
3	Send Close Check Total to CRM/TMS	2	
4	Send Closed Check Detail to CRM/TMS	1	
5	Send Course Timing Data to CRM/TMS	8	2
6	Send Offline Transactions to CRM/TMS	4	
7	Not Available	2	
8	Not Available	1	

Order Type Definitions		Value	Digit
1	Order Type Is Active	8	1
2	Print on Customer Receipt and Guest Check	4	
3	Print on Order Printer	2	
4	Output to VDU	1	
5	Do Not Post Transactions to Tip Report Totals	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	
9	Tax 1 Active	8	3
10	Tax 2 Active	4	
11	Tax 3 Active	2	
12	Tax 4 Active	1	
13	Tax 5 Active	8	4
14	Tax 6 Active	4	
15	Tax 7 Active	2	
16	Tax 8 Active	1	

Auto Menu Level Definitions		Value	Digit
1	Active Entry	8	1
2	Active on Sunday	4	
3	Active on Monday	2	
4	Active on Tuesday	1	
5	Active on Wednesday	8	2
6	Active on Thursday	4	
7	Active on Friday	2	
8	Active on Saturday	1	

Service Charge Definition File

Type Definition		Value	Digit
1	On = Open; Off = Preset	8	1
2	On = Amount; Off = Percentage	4	
3	Post to Charged Tips Total on Tip Reports	2	
4	Post to Service Charges Total on Tip Reports	1	2
5	Reference Entry Required	8	
6	Validation Required	4	
7	Non-revenue Service Charge (No Post to Sales)	2	
8	Taiwanese Paid-out	1	3
9	Reset Itemizers	8	
10	Service Charge Adds to Guest Count	4	
11	Do Not Post to Gross Receipts	2	
12	Item is Shareable	1	4
13	Cash Tips	8	
14	Service Charge is used for Stored Value Transactions	4	
15	Not Available	2	
16	Not Available	1	

Itemizers			Value	Digit
Itemizer Name, if entered:				
1	Compute on Service Charge Itemizer 1		8	1
2	Compute on Service Charge Itemizer 2		4	
3	Compute on Service Charge Itemizer 3		2	
4	Compute on Service Charge Itemizer 4		1	
5	Compute on Service Charge Itemizer 5		8	2
6	Compute on Service Charge Itemizer 6		4	
7	Compute on Service Charge Itemizer 7		2	
8	Compute on Service Charge Itemizer 8		1	

Output Link	Value	Digit
The Output Link field is identical for the Menu Item Class, Discount, Service Charge, and Tender Media files. Refer to the description of this field in the Menu Item Class Definition file on page C-33.		

Main Menu Level Link and Sub-Menu Level Link	Value	Digit
Refer to the Menu Level Link tables on page C-34.		

Serving Period Definition File

Tax Enable		Value	Digit
1	Tax 1 is Active	8	1
2	Tax 2 is Active	4	
3	Tax 3 is Active	2	
4	Tax 4 is Active	1	
5	Tax 5 is Active	8	2
6	Tax 6 is Active	4	
7	Tax 7 is Active	2	
8	Tax 8 is Active	1	

Tax Options		Value	Digit
1	Japan Excise Threshold Active	8	1
2	Not Available	4	
3	Not Available	2	
4	Not Available	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

System Parameters File

Option Codes		Value	Digit
1	Enable Transaction Log	8	1
2	Date Format: On = Use DDMMYY Format; Off = Use MMMDDYY Format	4	
3	Time Format: On = Use 24 Hour Clock; Off = Use AM/PM	2	
4	On = Item Weight in Kilos; Off = Item Weight In Pounds	1	
5	Post MI, Major/Family Group Sales Totals Net of VAT	8	2
6	Post Food Cost Totals Net of Item Discounts	4	
7	Do Not Check for Macro Loop Limit - Testing Purposes Only	2	
8	Accept Generic Employee ID Card	1	
9	Do Not Log Partial Payments in Transaction Log	8	3
10	On = Use Employee ID in Transaction Detail Log; Off = Use Employee Number	4	
11	Closed Check Totals in P1 Totals Set	2	
12	Item Discounts Net Subtotal Discount Itemizers	1	
13	Do Not Print Customer Name Other Than on CA Voucher	8	4
14	Prompt Operator to Confirm Loading a New RVC to HHT	4	
15	Send Cashier Number Instead of Operator Number to CA Driver	2	
16	HRGAS PMS Compatibility	1	
17	On = Audit Trail Posts SQL Updates by Record; Off = By Field	8	5
18	Use Extended Transaction Log	4	
19	Copy P1 Closed Check Files	2	
20	Error Corrects to Transaction Log	1	

9700 Database Status Fields
System Parameters File

Option Codes		Value	Digit
21	Post Non-Taxable Sales Totals Net of Discounts	8	6
22	EYBS	4	
23	Enable Seat Numbers in Journal	2	
24	Not Available	1	
25	Enable Euro Dollar System	8	7
26	Euro Dollar is Base Currency	4	
27	Issue Change in National Currency	2	
28	Print Alt Summary Totals Before Base	1	
29	Print Simplified Alt Summary Totals	8	8
30	Employee ID Must Be At Least 4 Digits	4	
31	Euro - Currency Conversion Reporting Feature	2	
32	Post Voids to LDS	1	
33	Enhanced Configurator Security	8	9
34	Enable User Name Authorization	4	
35	Enable Activity Log (System Level)	2	
36	Mask Credit Card Numbers	1	
37	Not Available	8	10
38	Not Available	4	
39	Not Available	2	
40	Not Available	1	

Report Writer/UWS Reports Option Codes		Value	Digit
1	Canadian GST: Combine Rates 2 thru 8 on Sys Tax Report	8	1
2	Omit Sum Sections and Ttl Lines from RW & UWS Time Pd Reports	4	
3	Include Time Check Was First Printed in UWS Clsd Chk Rpt	2	
4	Include Time Check Was First Printed in PC Clsd Chk Rpt	1	

Report Writer/UWS Reports Option Codes		Value	Digit
5	Enable French VAT Reporting	8	2
6	Do Not Print Grand Total & Change in Grand Total Fields	4	
7	Do Not Print the Table Section on Financial Rpts	2	
8	Do Not Print Tracking Group Names on Financial Rpts	1	
9	Do Not Print Order Type Breakdown on Financial Rpts	8	3
10	No Form Feeds Between Employees on Empl Rpts, Except Financial	4	
11	Include Table ID in UWS Clsd Chk Rpt	2	
12	Do Not Print Separator Line Before Tracking Section in Rpts	1	
13	No Form Feeds Between Employees on Employee Financial Rpts	8	4
14	Partial Cut Between Pages & Full Cut Between UWS Rpts	4	
15	Print Labor Totals on Job Code Labor Rpt - System View	2	
16	Print Labor Totals on Job Code Labor Rpt - RVC View	1	
17	Print Labor Totals on Time Period Rpts	8	5
18	Print Labor Totals on Employee Labor Summary Rpt	4	
19	Labor Rpts Continue When Employee Open on System Found	2	
20	Host Financial Report Format	1	
21	Suppress Employee Percentage of Total Sales	8	6
22	Display Reset Info on First Page Only	4	
23	Not Available	2	
24	Not Available	1	

Value	Order Type Type Definition	Value	Digit
1	Order Type Active	8	1
2	Not Available	4	
3	Not Available	2	
4	Not Available	1	

9700 Database Status Fields
System Parameters File

Value	Order Type Type Definition	Value	Digit
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	



The following four tables export with the System Parameters file even though they belong to the Tax Table file:

- Tax Options
- Tax Type Number
- Canadian Tax Type Definition
- PST Tax Type Definition

Tax Options		Value	Digit
1	On = Apply Tax as Add-On (Non-inclusive); Off = Apply Tax as Value Added Tax (VAT)	8	1
2	Enable Singapore Tax	4	
3	Print Tax Itemizers (required for Philippine Tax)	2	
4	Enable Canadian GST	1	
5	Enable Japanese	8	2
6	Enable Thailand Tax Printing	4	
7	Enable Taiwanese Government Uniform Invoice (GUI) Handling	2	
8	On = Taiwanese GUI Handling is On System Level; Off = Taiwanese GUI Handling is On Revenue Center Level	1	
9	On = Round Digits After Decimal; Off = Truncate Digits After Decimal (this option applies to Japanese Tax)	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	

Tax Options		Value	Digit
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

Tax Type Number	
0	Disable this tax rate
1	Add on, Breakpoint
2	Add on, Flat %
3	Included, %
4	Florida Surcharge

Canadian Tax Type Definition		Value	Digit
1	Print Canadian Tax Trailer	8	1
2	Compound Rate 2	4	
3	Compound Rate 3	2	
4	Compound Rate 4	1	
5	Print Separate Lines	8	2
6	Print Taxable Amount	4	
7	Consolidate PST Tax Rates 2 and 3	2	
8	Consolidate PST Tax Rates 2 and 4	1	
9	Not Available	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

9700 Database Status Fields
System Parameters File

PST Tax Type Definition		Value	Digit
1	Enable PST Tax Threshold	8	1
2	Use if Other Itemizer is Zero	4	
3	Include Taxable Itemizer 2	2	
4	Include Taxable Itemizer 3	1	
5	Include GST Tax	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Time Clock Definition		Value	Digit
1	Prompt for Breaks when Clocking Out	8	1
2	Require Authorization for Early Clock-In after Unpaid Break	4	
3	Require Authorization for Late Clock-In after Unpaid Break	2	
4	Prompt for Paid Breaks when Clocking Out	1	
5	Require Authorization for Early Clock-In after Paid Break	8	2
6	Require Authorization for Late Clock-In after Paid Break	4	
7	Not Available	2	
8	Enable Time Clock Schedule	1	
9	Check for Early Clock-In	8	3
10	Require Authorization for Early Clock-In	4	
11	Check for Late Clock-In	2	
12	Require Authorization for Late Clock-In	1	
13	Check for Early Clock-Out	8	4
14	Require Authorization for Early Clock-Out	4	
15	Check for Late Clock-Out	2	
16	Require Authorization for Late Clock-Out	1	

Time Clock Definition		Value	Digit
17	Not Available	8	5
18	Not Available	4	
19	Not Available	2	
20	Not Available	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	

Tax Class Definition File

Tax Type Definition			Value	Digit
	Tax Table Name, if entered:			
1	Taxable at Rate 1		8	1
2	Taxable at Rate 2		4	
3	Taxable at Rate 3		2	
4	Taxable at Rate 4		1	
5	Taxable at Rate 5		8	2
6	Taxable at Rate 6		4	
7	Taxable at Rate 7		2	
8	Taxable at Rate 8		1	

Tender/Media Definition File

Tender/Media Type	
1	Payment
2	Service Total
3	Pickup
4	Loan
5	Preamble

Type Definition - Payment Keys (Type 1)		Value	Digit
1	Open Cash Drawer	8	1
2	Amount Entry is Required	4	
3	Assume Paid in Full	2	
4	Use with Currency Conversion	1	
5	Reference Entry Required	8	2
6	Validation Required	4	
7	Use with Credit Card Recall	2	
8	Print Customer Receipt	1	
9	Charged Tip Required	8	3
10	Post Amount to Gross Receipts on Tip Reports	4	
11	Post Amount to Charged Receipts on Tip Reports	2	
12	Exempt Auto Service Charge	1	
13	Print Memo Checks	8	4
14	Tax Exempt Coupons	4	
15	Increment Active Seat After Memo or Seat Check Print	2	
16	No Japanese Tax Threshold	1	

9700 Database Status Fields
Tender/Media Definition File

Type Definition - Payment Keys (Type 1)		Value	Digit
17	Check Credit Card Exp. Date	8	5
18	Enable HALO	4	
19	On = HALO Computed on Amount Entered; Off = Computed on Amount Overtendered	2	
20	Print Sales Itemizers	1	
21	Print Summary Totals	8	6
22	Print Check Trailer	4	
23	Print Check on Demand	2	
24	Print VAT Lines on Check or Report	1	
25	Endorsement Required	8	7
26	Employee Meal	4	
27	Credit Card Validity Test	2	
28	Print Check Trailer on Fast Transaction Customer Receipt	1	
29	Post 0.00 Transactions to PMS: On = Yes; Off = No	8	8
30	Print PMS Response on Guest Chekc: On = Yes; Off = No	4	
31	PMS or Credit Card Ref. Entry: On = Yes; Off = No	2	
32	PMS Posting: On = Amt. Tendered; Off = Amt. Due	1	
33	Exempt Tax 1	8	9
34	Exempt Tax 2	4	
35	Exempt Tax 3	2	
36	Exempt Tax 4	1	
37	Exempt Tax 5	8	10
38	Exempt Tax 6	4	
39	Exempt Tax 7	2	
40	Exempt Tax 8	1	

Type Definition - Payment Keys (Type 1)		Value	Digit
41	Require Credit Auth. before Svc Ttl	8	11
42	Prompt to Debit or Credit Card	4	
43	Check for Valid DHC Gift Certificate Number	2	
44	On = Charged Tip Must Be Less Than Payment Off = May Equal Payment	1	
45	Partial Tender Not Allowed	8	12
46	Call ISL TMED Procedure Instead of PMS Interface	4	
47	Reverse PMS Itemizers on VOID Postings	2	
48	Switch to Alternate Tenders if PMS Timeout	1	
49	Print Thai Tax Invoice Line	8	13
50	Print Thai Tax Account Record Line	4	
51	Do Not Print Credit Card Voucher	2	
52	Use Numeric Screen For Reference Numbers	1	
53	Auto Send When Paid In Full	8	14
54	Send PRINT CHECK Message to TMS on Final Tender Only	4	
55	Prompt Operator to Send PRINT CHECK Message to TMS	2	
56	Item is Shareable	1	
57	Require Credit Card Start Date	8	15
58	Require Credit Card Issue Number	4	
59	No Credit Card Length Check	2	
60	Blink Customer Display	1	
61	Round Tender to Next Highest Dollar	8	16
62	Print 2 Guest Checks/Receipts	4	
63	Prompt for 2 Guest Checks/Receipts	2	
64	This Tender Media is Euro Currency	1	

9700 Database Status Fields
Tender/Media Definition File

Type Definition - Payment Keys (Type 1)		Value	Digit
65	Don't Include Service Charge while Prorating Tenders	8	17
66	Enable Signature Capture	4	
67	Prompt to Accept Signature	2	
68	Do Not Retain Cardholder's Name	1	
69	Require AVS on Manual Entry	8	18
70	Require AVS on Auto Swipe	4	
71	AVS Must be Full Address	2	
72	Require CVV on Manual Entry	1	
73	Require CVV on Auto Swipe	8	19
74	Print Stored Value Account Balance on Chit	4	
75	Tender Media is Used for Store Value Transactions	2	
76	Mask Account Number	1	
77	Not Available	8	20
78	Not Available	4	
79	Not Available	2	
80	Not Available	1	

Type Definition - Service Total Keys (Type 2)		Value	Digit
1	Preserve Hold Status From Previous Menu Items	8	1
2	Hold All Menu Items in Current Round	4	
3	On = Chain Order; Off = Fire Order	2	
4	Use with Currency Conversion	1	
5	Hold Entire Check for Autofire	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Type Definition - Service Total Keys (Type 2)		Value	Digit
9	Not Available	8	3
10	Not Available	4	
11	Not Available	2	
12	Exempt Auto Service Charge	1	
13	Print Memo Checks	8	4
14	Print Seat Checks	4	
15	Increment Active Seat After Memo or Seat Check Print	2	
16	Not Available	1	
17	Not Available	8	5
18	Not Available	4	
19	Reprint Check	2	
20	Print Sales Itemizers	1	
21	Print Summary Totals	8	6
22	Print Check Trailer	4	
23	Print Check on Demand	2	
24	Print VAT Lines On Check or Receipt	1	
25	Not Available	8	7
26	Not Available	4	
27	Not Available	2	
28	Not Available	1	
29	Not Available	8	8
30	Not Available	4	
31	Not Available	2	
32	Not Available	1	
33	Exempt Tax 1	8	9
34	Exempt Tax 2	4	
35	Exempt Tax 3	2	
36	Exempt Tax 4	1	

9700 Database Status Fields
Tender/Media Definition File

Type Definition - Service Total Keys (Type 2)		Value	Digit
37	Exempt Tax 5	8	10
38	Exempt Tax 6	4	
39	Exempt Tax 7	2	
40	Exempt Tax 8	1	
41	Require Credit Authorization Before Service Total	8	11
42	Not Available	4	
43	Not Available	2	
44	Not Available	1	
45	Not Available	8	12
46	Not Available	4	
47	Not Available	2	
48	Not Available	1	
49	Not Available	8	13
50	Not Available	4	
51	Not Available	2	
52	Not Available	1	
53	Auto Send When Paid in Full	8	14
54	Send PRINT CHECK Message to TMS on Final Tender Only	4	
55	Prompt Operator to Send PRINT CHECK Message to TMS	2	
56	Not Available	1	
57	Not Available	8	15
58	Not Available	4	
59	Not Available	2	
60	Not Available	1	
61	Not Available	8	16
62	Print 2 Guest Checks/Receipts	4	
63	Prompt for 2 Guest Checks/Receipts	2	
64	Not Available	1	

Type Definition - Service Total Keys (Type 2)		Value	Digit
65	Not Available	8	17
66	Not Available	4	
67	Not Available	2	
68	Not Available	1	
69	Not Available	8	18
70	Not Available	4	
71	Not Available	2	
72	Not Available	1	
73	Not Available	8	19
74	Not Available	4	
75	Not Available	2	
76	Not Available	1	
77	Not Available	8	20
78	Not Available	4	
79	Not Available	2	
80	Not Available	1	

Type Definition - Pickup and Loan Keys (Types 3 and 4)		Value	Digit
1	Open Cash Drawer	8	1
2	Cash Tips Paid	4	
3	Not Available	2	
4	Use with Currency Conversion	1	
5	Reference Entry Required	8	2
6	Validation Required	4	
7	Tender Media is Used for Stored Value Transactions	2	
8	Not Available	1	

9700 Database Status Fields
Tender/Media Definition File

Type Definition - Pickup and Loan Keys (Types 3 and 4)		Value	Digit
9	Not Available	8	3
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	
17	Not Available	8	5
18	Not Available	4	
19	Not Available	2	
20	Not Available	1	
21	Not Available	8	6
22	Not Available	4	
23	Not Available	2	
24	Not Available	1	
25	Not Available	8	7
26	Not Available	4	
27	Not Available	2	
28	Not Available	1	
29	Not Available	8	8
30	Not Available	4	
31	Not Available	2	
32	Not Available	1	
33	Not Available	8	9
34	Not Available	4	
35	Not Available	2	
36	Not Available	1	

Type Definition - Pickup and Loan Keys (Types 3 and 4)		Value	Digit
37	Not Available	8	10
38	Not Available	4	
39	Not Available	2	
40	Not Available	1	
41	Not Available	8	11
42	Not Available	4	
43	Not Available	2	
44	Not Available	1	
45	Not Available	8	12
46	Not Available	4	
47	Not Available	2	
48	Not Available	1	
49	Not Available	8	13
50	Not Available	4	
51	Not Available	2	
52	Not Available	1	
53	Not Available	8	14
54	Not Available	4	
55	Not Available	2	
56	Not Available	1	
57	Not Available	8	15
58	Not Available	4	
59	Not Available	2	
60	Not Available	1	
61	Not Available	8	16
62	Not Available	4	
63	Not Available	2	
64	Not Available	1	

9700 Database Status Fields
Tender/Media Definition File

Type Definition - Pickup and Loan Keys (Types 3 and 4)		Value	Digit
65	Not Available	8	17
66	Not Available	4	
67	Not Available	2	
68	Not Available	1	
69	Not Available	8	18
70	Not Available	4	
71	Not Available	2	
72	Not Available	1	
73	Not Available	8	19
74	Not Available	4	
75	Not Available	2	
76	Not Available	1	
77	Not Available	8	20
78	Not Available	4	
79	Not Available	2	
80	Not Available	1	

Output Link	Value	Digit
The Output Link field is identical for the Menu Item Class, Discount, Service Charge, and Tender Media files. Refer to the description of this field in the Menu Item Class Definition file on page C-33.		

Order Printer Disable Mask		Value	Digit
	Device Name, if entered:		
1	Ouput to Order Device # 1	8	1
2	Ouput to Order Device # 2	4	
3	Ouput to Order Device # 3	2	
4	Ouput to Order Device # 4	1	

Order Printer Disable Mask			Value	Digit
5	Ouput to Order Device # 5		8	2
6	Ouput to Order Device # 6		4	
7	Ouput to Order Device # 7		2	
8	Ouput to Order Device # 8		1	
9	Ouput to Order Device # 9		8	3
10	Ouput to Order Device # 10		4	
11	Ouput to Order Device # 11		2	
12	Ouput to Order Device # 12		1	
13	Ouput to Order Device # 13		8	4
14	Ouput to Order Device # 14		4	
15	Ouput to Order Device # 15		2	
16	Not Available		1	

Main Menu Level Link and Sub-Menu Level Link	Value	Digit
Refer to the Menu Level Link tables on page C-34.		

Time Clock Detail File

Clock In Status or Clock Out Status			Value	Digit
1	Time Clock Adjustment Name #1		8	1
2	Time Clock Adjustment Name #2		4	
3	Time Clock Adjustment Name #3		2	
4	Time Clock Adjustment Name #4		1	
5	Time Clock Adjustment Name #5		8	2
6	Time Clock Adjustment Name #6		4	
7	Time Clock Adjustment Name #7		2	
8	Time Clock Adjustment Name #8		1	
9	Time Clock Adjustment Name #9		8	3
10	Time Clock Adjustment Name #10		4	
11	Time Clock Adjustment Name #11		2	
12	Time Clock Adjustment Name #12		1	
13	Time Clock Adjustment Name #13		8	4
14	Time Clock Adjustment Name #14		4	
15	Time Clock Adjustment Name #15		2	
16	Time Clock Adjustment Name #16		1	

Time Period Definition File

Type Definition		Value	Digit
1	Print Only Tracking Groups on Time Period Detail Report	8	1
2	Active on Sunday	4	
3	Active on Monday	2	
4	Active on Tuesday	1	
5	Active on Wednesday	8	2
6	Active on Thursday	4	
7	Active on Friday	2	
8	Active on Saturday	1	

Touchscreen Screen Definition File

Type		Type	
0	Disabled	15	Service Charge SLU
1	Menu Item	16	Tender Media SLU
2	Not Available	17	Alphanumeric
3	Discount	18	Course SLU
4	Not Available	19	Not Available
5	Service Charge	20	Not Available
6	Not Available	21	SIM 1 Inquiry
7	Tender/Media	22	SIM 2 Inquiry
8	Not Available	23	SIM 3 Inquiry
9	Keypad	24	SIM 4 Inquiry
10	Not Available	25	Not Available
11	Function	26	SIM 5 Inquiry
12	Macro	27	SIM 6 Inquiry
13	Menu Item SLU	28	SIM 7 Inquiry
14	Discount SLU	29	SIM 8 Inquiry

Type	Color Combination	Type	Color Combination
0	No Color Defined	7	BlackOnGray
1	BlackOnWhite	8	BlackOnLightWhite
2	RedOnWhite	9	BlackOnRed
3	GreenOnWhite	10	BlackOnGreen
4	BlueOnWhite	11	BlackOnBlue
5	YellowOnWhite	12	BlackOnYellow
6	CyanOnWhite	13	BlackOnCyan

Touchscreen Style Definition File

Key Type Definition		Value	Digit
1	Sort Screen Alphabetically	8	1
2	Staydown SLU Screen	4	
3	Show Table/Group in Open Check SLU	2	
4	Show Check # in Open Check SLU	1	
5	Show Other Employee's Name in Open Check SLU	8	2
6	Show Open Time in Open Check SLU	4	
7	Show Amount Due in Open Check SLU	2	
8	Display Keys Vertically Starting at Top Left	1	
9	Display Keys Horizontally Starting at Top Left	8	3
10	Show Checks W/Held Items in Inverse in Open Check SLU	4	
11	Sort Screen Using Menu Item Sort Priorities	2	
12	Not Available	1	
13	Not Available	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

Tracking Group File

Tracking Group Types	
0	Not Used
1	Major Group
2	Family Group
3	Menu Item
4	Discount
5	Subtotal Discount
6	Service Charge
7	Tender/Media
8	Column Subtotal (print only) ¹
9	Column Total (print only) ¹
10	Name
11	Currency Conversion
12	Form Feed (print only, roll printer only)
13	Tax Totals
14	Order Type Sales
15	Block Subtotal (print only) ¹
16	Block Total (print only) ¹
17	Tax Exempt Total
18	Insufficient Bvg
19	Bvg After Prompt
20	Void Reason

¹ These Totals Types are not available for export by 9700SQL. In the 9700 database, Column Subtotals and Totals and Block Subtotals and Totals are calculated at the time a Report Writer or UWS Autosequence report is run. They are not maintained in the database (i.e., are not subject to constant updating).

Type Definition		Value	Digit
1	Do Not Print This Total	8	1
2	On = Subtract this Total; Off = Add this Total	4	
3	Do NOT Reset Subtotal and Total	2	
4	Disable in UWS Reports	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

Transaction Log

Sales Transaction Table

Check Status Flag		Value	Digit
1	Not Available	8	1
2	Not Available	4	
3	Not Available	2	
4	Not Available	1	
5	Reopened This Round	8	2
6	Closed Check Adjust	4	
7	Paid in Full	2	
8	New Check	1	



The status flag definitions for all other Transaction Log tables correspond to the status flag definitions for the equivalent tables in the Open and Closed Check Detail file.

For example, the Menu Item Detail Table in the Transaction Log has the same status flags as the Menu Item Detail Table in the Open and Closed Check Detail file.

User Workstation Autosequences File

Type Definition		Value	Digit
1	Do Not Run if there are Open Checks in the System	8	1
2	Do Not Run if Signed In Employee has Open Checks	4	
3	Autosequence Does Not appear on Run Screens	2	
4	Do Not Run if any Employees are Clocked In	1	
5	Sign Off Employee When Autosequence is Complete	8	2
6	Confirm Before Running Autosequence	4	
7	Use Signed In Employee's RVC for RVC Scope Reports	2	
8	Only Check for Open Checks in Signed In Employee's RVC	1	3
9	Not Available	8	
10	Not Available	4	
11	Not Available	2	
12	Not Available	1	4
13	Not Available	8	
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

9700 Database Status Fields
User Workstation Autosequences File

Step Type Definition		Value	Digit
1	Add Marker Record to Transaction Detail Log	8	1
2	Not Available	4	
3	Not Available	2	
4	Not Available	1	
5	Not Available	8	2
6	Not Available	4	
7	Not Available	2	
8	Not Available	1	

User Workstation Table

UWS Only



The options that also apply to SAR are indicated in red as follows:

(also used w/SAR Client)

The options that apply to SAR only are indicated in red as follows:

(used w/SAR Client only)

Type Definition		Value	Digit
1	Enable Keyboard Beeper	8	1
2	Enable Error Beeper (also used w/SAR Client)	4	
3	Close Cash Drawer Before New Trans. (also used w/SAR Client)	2	
4	Assign Cash Drawer by Workstation (also used w/SAR Client)	1	
5	Do Not Clear Screen After Trans. (also used w/SAR Client)	8	2
6	Enable Rear Display (also used w/SAR Client)	4	
7	Keyboard Number 2 Installed	2	
8	Cash Drawer 2 for Other Currency (also used w/SAR Client)	1	3
9	On = Link Cashier Totals to UWS; (also used w/SAR Client) Off = Link to Operator	8	
10	N. American LDS Attached to UWS	4	
11	Replacement Sign In Outside Trans.	2	
12	Auto Begin Check When Check Operator ID / #	1	4
13	Mag Card Entry Required for Emp ID	8	
14	Enable Scale Interface	4	
15	Disable Auto Signout	2	
16	Enable Coin Changer	1	

9700 Database Status Fields
User Workstation Table

Type Definition		Value	Digit
17	Enable Touch Detail	8	5
18	Enable PCWS DBCS Support	4	
19	Enable PCWS PIM DBCS Support	2	
20	Guest Check DBCS Only	1	
21	Enable Local Security Interface	8	6
22	Show Amount Paid on Rear Display (If not selected, show amount due.)	4	
23	Allow SAR Mode (used w/SAR Client only)	2	
24	Can be Offline During Autosequences (used w/SAR Client only)	1	
25	Enable Remote Order Printing When Offline (used w/SAR Client only)	8	7
26	Not Available	4	
27	Not Available	2	
28	Not Available	1	
29	Not Available	8	8
30	Not Available	4	
31	Not Available	2	
32	Not Available	1	
33	Not Available	8	9
34	Not Available	4	
35	Not Available	2	
36	Not Available	1	
37	Not Available	8	10
38	Not Available	4	
39	Not Available	2	
40	Not Available	1	

HHT and SAR (see note)

NOTE



The options that also apply to SAR are indicated in red as follows:

(also used w/SAR Client)

Type Definition		Value	Digit
1	Enable HHT Touch Beeper	8	1
2	Enable HHT Error Beeper	4	
3	Disable Employee Auto Sign Out on HHTs (also used w/SAR Client)	2	
4	Enable Mag Card Reader (also used w/SAR Client)	1	
5	Enable Local CA Voucher Printer (also used w/SAR Client)	8	2
6	Use HHT Top Port	4	
7	Enable Local Guest Check Printing (also used w/SAR Client)	2	
8	Load Lite Application	1	
9	Mag Card Entry Required For Emp ID	8	3
10	Enable Small Font on Local HHT Printer	4	
11	Enable Sendsim on HHT	2	
12	Enable Remote CA Voucher Printer	1	
13	Enable <HHT or UWS> Activity Log	8	4
14	Not Available	4	
15	Not Available	2	
16	Not Available	1	

9700 Database Status Fields
 User Workstation Table

Order Device Enable			Value	Digit
	Device Table Name, if entered:			
1	Enable Order Dvc #1		8	1
2	Enable Order Dvc #2		4	
3	Enable Order Dvc #3		2	
4	Enable Order Dvc #4		1	
5	Enable Order Dvc #5		8	2
6	Enable Order Dvc #6		4	
7	Enable Order Dvc #7		2	
8	Enable Order Dvc #8		1	
9	Enable Order Dvc #9		8	3
10	Enable Order Dvc #10		4	
11	Enable Order Dvc #11		2	
12	Enable Order Dvc #12		1	
13	Enable Order Dvc #13		8	4
14	Enable Order Dvc #14		4	
15	Enable Order Dvc #15		2	
16	Not Available		1	



D

Master List of Key Categories

In This Chapter

This appendix lists all key categories affecting the HHT Touchscreen Screen Definition file, the Keyboard Definition file, the Macro Definition file, and the Touchscreen Screen Definition file.

Summary Table	D-2
All Type 11 Key Categories	D-3
Keypad	D-12

Summary Table

The table below summarizes what Type 11 key categories can be programmed from which file in the 9700 database.

Key Categories	HHT Touchscreen Screen Definition File	Keyboard Definition File	Macro Definition File	Touchscreen Screen Definition File
Movement		✓	✓	✓
Sales NLU	✓	✓	✓	✓
General		✓	✓	✓
Touchscreen	✓			✓
HHT	✓		✓	
Check Begin/ Pickup	✓	✓	✓	✓
Check Operations	✓	✓	✓	✓
Transaction	✓	✓	✓	✓
Seat	✓	✓	✓	✓
Currency	✓	✓	✓	✓
Keyboard Select		✓	✓	
Non-Sales Operations	✓	✓	✓	✓
Custom		✓	✓	✓
SIM Inquire		✓	✓	✓

All Type 11 Key Categories

Movement Keys - Type 11		
20 - Cancel	25 - Barcode	30 - Save & Exit
21 - End	26 - Right	31 - UWP Toggle
22 - Down	27 - Home	32 - UWP Next Screen
23 - Page Down	28 - Up	33 - UWP Prev Screen
24 - Left	29 - Page Up	

Sales NLU Keys - Type 11		
101 - Menu Item NLU 1	118 - Menu Item NLU 18	143 - Course NLU 3
102 - Menu Item NLU 2	119 - Menu Item NLU 19	144 - Course NLU 4
103 - Menu Item NLU 3	120 - Menu Item NLU 20	145 - Course NLU 5
104 - Menu Item NLU 4	121 - Menu Item NLU 21	146 - Course NLU 6
105 - Menu Item NLU 5	122 - Menu Item NLU 22	147 - Course NLU 7
106 - Menu Item NLU 6	123 - Menu Item NLU 23	148 - Course NLU 8
107 - Menu Item NLU 7	124 - Menu Item NLU 24	149 - Course NLU 9
108 - Menu Item NLU 8	125 - Menu Item NLU 25	150 - Course NLU 10
109 - Menu Item NLU 9	126 - Menu Item NLU 26	151 - Course NLU 11
110 - Menu Item NLU 10	127 - Menu Item NLU 27	152 - Course NLU 12
111 - Menu Item NLU 11	128 - Menu Item NLU 28	153 - Course NLU 13
112 - Menu Item NLU 12	129 - Menu Item NLU 29	154 - Course NLU 14
113 - Menu Item NLU 13	130 - Menu Item NLU 30	155 - Course NLU 15
114 - Menu Item NLU 14	131 - Menu Item NLU 31	156 - Course NLU 16
115 - Menu Item NLU 15	132 - Menu Item NLU 32	157 - Course NLU 17
116 - Menu Item NLU 16	141 - Course NLU 1	158 - Course NLU 18
117 - Menu Item NLU 17	142 - Course NLU 2	159 - Course NLU 19

Master List of Key Categories
 All Type 11 Key Categories

Sales NLU Keys (continued) - Type 11		
160 - Course NLU 20	166 - Course NLU 26	172 - Course NLU 32
161 - Course NLU 21	167 - Course NLU 27	200 - Discount NLU
162 - Course NLU 22	168 - Course NLU 28	201 - Service Charge NLU
163 - Course NLU 23	169 - Course NLU 29	202 - Tender/Media NLU
164 - Course NLU 24	170 - Course NLU 30	
165 - Course NLU 25	171 - Course NLU 31	

General Keys - Type 11		
300 - Mode	307 - Sign in UWS RVC 3	314 - Close Application
301 - Help	308 - Sign in UWS RVC 4	315 - Enter Offline Mode
302 - Help, Prompt Num	309 - Sign in UWS RVC 5	316 - Exit Offline Mode
303 - Field Help	310 - Sign in UWS RVC 6	317 - Do Offline Report
304 - Display Time	311 - Sign in UWS RVC 7	
305 - Sign in UWS RVC 1	312 - Sign in UWS RVC 8	
306 - Sign in UWS RVC 2	313 - Minimize Application	

Touchscreen - Type 11		
350 - TS No Key Display	355 - TS Shift	360 - TS Next Screen
351 - TS SLU Page Up	356 - TS Pop-up	361 - TS Previous Screen
352 - TS SLU Page Down	357 - TS Close Pop-up	362 - TS Staydown Screen
353 - TS SLU Home	358 - TS Contrast Up	363 - TS Label Only
354 - TS SLU End	359 - TS Contrast Down	

HHT - Type 11		
380 - Display Check	381 - Load Database	

Check Begin/Pickup Keys - Type 11		
399 - Begin Party Chk	413 - Pickup, Tbl #, Rvc ?	427 - Chg Trn Rvc, Rvc 3
400 - Begin Chk by Num	414 - Pickup, Tbl #, Rvc 1	428 - Chg Trn Rvc, Rvc 4
401 - Begin Chk by Table	415 - Pickup, Tbl #, Rvc 2	429 - Chg Trn Rvc, Rvc 5
402 - Pickup by Number	416 - Pickup, Tbl #, Rvc 3	430 - Chg Trn Rvc, Rvc 6
403 - Pickup, Chk #, Rvc ?	417 - Pickup, Tbl #, Rvc 4	431 - Chg Trn Rvc, Rvc 7
404 - Pickup, Chk #, Rvc 1	418 - Pickup, Tbl #, Rvc 5	432 - Chg Trn Rvc, Rvc 8
405 - Pickup, Chk #, Rvc 2	419 - Pickup, Tbl #, Rvc 6	433 - OCBS - Signed Optr
406 - Pickup, Chk #, Rvc 3	420 - Pickup, Tbl #, Rvc 7	434 - OCBS - Prompt Optr
407 - Pickup, Chk #, Rvc 4	421 - Pickup, Tbl #, Rvc 8	435 - Begin Check by ID
408 - Pickup, Chk #, Rvc 5	422 - Adjust Closed Chk	436 - Pickup Check by ID
409 - Pickup, Chk #, Rvc 6	423 - Reopen Closed Chk	437 - Transfr Check by ID
410 - Pickup, Chk #, Rvc 7	424 - Chg Trn Rvc, Rvc ?	438 - Guest Check ID
411 - Pickup, Chk #, Rvc 8	425 - Chg Trn Rvc, Rvc 1	439 - Pickup Check SLU
412 - Pickup by Table	426 - Chg Trn Rvc, Rvc 2	

Master List of Key Categories

All Type 11 Key Categories

Check Operations Keys - Type 11		
499 - Add/Xfr Check SLU	521 - Auto Block Transfer	543 - Tax Shift Rate 4
500 - Add/Xfr by #	522 - Table Number	544 - Tax Shift Rate 5
501 - Add/Xfr by #, RVC ?	523 - Number of Guests	545 - Tax Shift Rate 6
502 - Add/Xfr by #, RVC 1	524 - Print Customer Recpt	546 - Tax Shift Rate 7
503 - Add/Xfr by #, RVC 2	525 - Exempt All Taxes	547 - Tax Shift Rate 8
504 - Add/Xfr by #, RVC 3	526 - Exempt Tax Rate 1	548 - Edit Dlt Xfr All
505 - Add/Xfr by #, RVC 4	527 - Exempt Tax Rate 2	549 - Add Team Member
506 - Add/Xfr by #, RVC 5	528 - Exempt Tax Rate 3	550 - Remove Team Member
507 - Add/Xfr by #, RVC 6	529 - Exempt Tax Rate 4	551 - TMS Bus Table
508 - Add/Xfr by #, RVC 7	530 - Exempt Tax Rate 5	552 - TMS Clear Table
509 - Add/Xfr by #, RVC 8	531 - Exempt Tax Rate 6	553 - TMS Close Table
510 - Add/Xfr by Tbl	532 - Exempt Tax Rate 7	554 - TMS Xfr Tbl
511 - Add/Xfr by Tbl, RVC ?	533 - Exempt Tax Rate 8	555 - TMS Xfr Tbl RVC
512 - Add/Xfr by Tbl, RVC 1	534 - Exempt Auto Svc Chg	556 - TouchEdit
513 - Add/Xfr by Tbl, RVC 2	535 - Split Check	557 - TouchSlpit
514 - Add/Xfr by Tbl, RVC 3	536 - Order Type 1	560 - Edit Chk All
515 - Add/Xfr by Tbl, RVC 4	537 - Order Type 2	561 - Edit Chk One
516 - Add/Xfr by Tbl, RVC 5	538 - Order Type 3	566 - Enter Guest Info (SAR online mode and WinStation)
517 - Add/Xfr by Tbl, RVC 6	539 - Order Type 4	567 - Lock Guest Check (SAR & WinStation)
518 - Add/Xfr by Tbl, RVC 7	540 - Tax Shift Rate 1	568 - Unlock Guest Check (SAR & WinStation)
519 - Add/Xfr by Tbl, RVC 8	541 - Tax Shift Rate 2	569 - Reprint SVC Chit
520 - Block Transfer	542 - Tax Shift Rate 3	

Transaction Keys - Type 11		
600 - @/For	617 - Sub-Menu Level 3	634 - CCard FnLz/Prompt
601 - Void	618 - Sub-Menu Level 4	635 - Initl Auth/Prompt
602 - Void Check	619 - Sub-Menu Level 5	636 - MnuAl Auth/Prompt
603 - Transaction Void	620 - Sub-Menu Level 6	637 - Item Weight
604 - Return	621 - Sub-Menu Level 7	638 - Chg Price MLvl
605 - Transaction Cancel	622 - Sub-Menu Level 8	639 - Chg Price SLvl
606 - Repeat Round	623 - Main Menu Lvl NLU	640 - Percent Tender
607 - Main Menu Level 1	624 - Sub-Menu Lvl NLU	641 - MI Price Override
608 - Main Menu Level 2	625 - CCard Lookup	642 - Transaction Return
609 - Main Menu Level 3	626 - CCard Lookup/Ask	643 - MI SKU Entry
610 - Main Menu Level 4	627 - CCard Recall	644 - Inquire Price
611 - Main Menu Level 5	628 - CCard Recall/Ask	645 - MajGroup Menu Item
612 - Main Menu Level 6	629 - CCard Authorize	646 - FamGroup Menu Item
613 - Main Menu Level 7	630 - CCard Finalize	647 - Hold Menu Item
614 - Main Menu Level 8	631 - Initial Authorize	648 - Dsply/Hide Cond
615 - Sub-Menu Level 1	632 - Manual Authorize	649 - Sign. Cap. Override
616 - Sub-Menu Level 2	633 - CCard Auth/Prompt	

Seat Keys - Type 11		
700 - Seat # / Next Seat	703 - Change Active Seat	706 - HHT Seat Status
701 - View / Edit Seat	704 - Add Seat to Filter	707 - Toggle Seat View
702 - Filter Seat	705 - Edit Seat, Ask #	

Master List of Key Categories
 All Type 11 Key Categories

Currency Keys - Type 11		
720 - Currency 1	740 - Currency 21	762 - Currency 11, Ask Amt
721 - Currency 2	741 - Currency 22	763 - Currency 12, Ask Amt
722 - Currency 3	742 - Currency 23	764 - Currency 13, Ask Amt
723 - Currency 4	743 - Currency 24	765 - Currency 14, Ask Amt
724 - Currency 5	744 - Currency 25	766 - Currency 15, Ask Amt
725 - Currency 6	745 - Currency 26	767 - Currency 16, Ask Amt
726 - Currency 7	746 - Currency 27	768 - Currency 17, Ask Amt
727 - Currency 8	747 - Currency 28	769 - Currency 18, Ask Amt
728 - Currency 9	748 - Currency 29	770 - Currency 19, Ask Amt
729 - Currency 10	749 - Currency 30	771 - Currency 20, Ask Amt
730 - Currency 11	752 - Currency 1, Ask Amt	772 - Currency 21, Ask Amt
731 - Currency 12	753 - Currency 2, Ask Amt	773 - Currency 22, Ask Amt
732 - Currency 13	754 - Currency 3, Ask Amt	774 - Currency 23, Ask Amt
733 - Currency 14	755 - Currency 4, Ask Amt	775 - Currency 24, Ask Amt
734 - Currency 15	756 - Currency 5, Ask Amt	776 - Currency 25, Ask Amt
735 - Currency 16	757 - Currency 6, Ask Amt	777 - Currency 26, Ask Amt
736 - Currency 17	758 - Currency 7, Ask Amt	778 - Currency 27, Ask Amt
737 - Currency 18	759 - Currency 8, Ask Amt	779 - Currency 28, Ask Amt
738 - Currency 19	760 - Currency 9, Ask Amt	780 - Currency 29, Ask Amt
739 - Currency 20	761 - Currency 10, Ask Amt	781 - Currency 30, Ask Amt

Keyboard Select Keys - Type 11		
800 - KB1 —> Assigned #1	806 - KB1 —> Assigned #7	812 - KB2 —> Assigned #5
801 - KB1 —> Assigned #2	807 - KB1 —> Assigned #8	813 - KB2 —> Assigned #6
802 - KB1 —> Assigned #3	808 - KB2 —> Assigned #1	814 - KB2 —> Assigned #7
803 - KB1 —> Assigned #4	809 - KB2 —> Assigned #2	815 - KB2 —> Assigned #8
804 - KB1 —> Assigned #5	810 - KB2 —> Assigned #3	816 - KB1 Select, NLU
805 - KB1 —> Assigned #6	811 - KB2 —> Assigned #4	817- KB2 Select, NLU

Non-Sales Operations Keys - Type 11		
830 - No Sale	840 - Assn Cash Drawr 2	848 - Asgn Csh Drawr
833 - Clock In / Out	841 - Inquire PMS1	849 - Unasgn Csh Drawr
834 - Reprint Time Card	842 - Inquire PMS2	850 - Inquire PMS5
835 - Direct Tips	843 - Inquire PMS3	851 - Inquire PMS6
836 - Direct Tips, Ask #	844 - Inquire PMS4	852 - Inquire PMS7
837 - Indirect Tips	845 - Assign Cashier	853 - Inquire PMS8
838 - Indirect Tips, Ask #	846 - UWS Download	
839 - Assn Cash Drawr 1	847 - UWS Download, No MI	

SIM Inquire Keys - Type 11		
920SIM 1 Inq 1 . . . 939SIM 1 Inq 20	980SIM 4 Inq 1 . . . 999SIM 4 Inq 20	1040SIM 7 Inq 1 . . . 1059SIM 7 Inq 20
940SIM 2 Inq 1 . . . 959SIM 2 Inq 20	1000SIM 5 Inq 1 . . . 1019SIM 5 Inq 20	1060SIM 8 Inq 1 . . . 1079SIM 8 Inq 20
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Master List of Key Categories
 All Type 11 Key Categories

Multilingual Keys - Type 11		
The following keys are available on SAR clients only.		
1100 - Screen Lang 1	1104 - Screen Lang List	1108 - Print Lang 4
1101 - Screen Lang 2	1105 - Print Lang 1	1109 - Print Lang List
1102 - Screen Lang 3	1106 - Print Lang 2	
1103 - Screen Lang 4	1107 - Print Lang 3	

Stored Value Card Keys - Type 11		
1200 - Issue 1	1220 - Issue 2	1240 - Issue 3
1201 - Activate 1	1221 - Activate 2	1241 - Activate 3
1202 - Reload 1	1222 - Reload 2	1242 - Reload 3
1203 - Cash Out 1	1223 - Cash Out 2	1243 - Cash Out 3
1204 - Balance Inquire 1	1224 - Balance Inquire 2	1244 - Balance Inquire 3
1205 - Balance Transfer 1	1225 - Balance Transfer 2	1245 - Balance Transfer 3
1206 - Issue Points 1	1226 - Issue Points 2	1246 - Issue Points 3
1207 - Redeem Points 1	1227 - Redeem Points 2	1247 - Redeem Points 3
1208 - Point Inquire 1	1228 - Point Inquire 2	1248 - Point Inquire 3
1209 - Redeem 1	1229 - Redeem 2	1249 - Redeem 3
1210 - Redeem Auth 1	1230 - Redeem Auth 2	1250 - Redeem Auth 3
1211 - Manual Redemption 1	1231 - Manual Redemption 2	1251 - Manual Redemption 3
1212 - Issue Batch 1	1232 - Issue Batch 2	1252 - Issue Batch 3
1213 - Activate Batch 1	1233 - Activate Batch 2	1253 - Activate Batch 3
1214 - Coupon 1	1234 - Coupon 2	1254 - Coupon 3

Stored Value Card Keys - Type 11		
1260 - Issue 4	1293 - Activate Batch 5	1331 - Manual Redemption 7
1261 - Activate 4	1294 - Coupon 5	1332 - Issue Batch 7
1262 - Reload 4	1300 - Issue 6	1333 - Activate Batch 7
1263 - Cash Out 4	1301 - Activate 6	1334 - Coupon 7
1264 - Balance Inquire 4	1302 - Reload 6	1340 - Issue 8
1265 - Balance Transfer 4	1303 - Cash Out 6	1341 - Activate 8
1266 - Issue Points 4	1304 - Balance Inquire 6	1342 - Reload 8
1267 - Redeem Points 4	1305 - Balance Transfer 6	1343 - Cash Out 8
1268 - Point Inquire 4	1306 - Issue Points 6	1344 - Balance Inquire 8
1269 - Redeem 4	1307 - Redeem Points 6	1345 - Balance Transfer 8
1270 - Redeem Auth 4	1308 - Point Inquire 6	1346 - Issue Points 8
1271 - Manual Redemption 4	1309 - Redeem 6	13047 - Redeem Points 8
1272 - Issue Batch 4	1310 - Redeem Auth 6	1348 - Point Inquire 8
1273 - Activate Batch 4	1311 - Manual Redemption 6	1349 - Redeem 8
1274 - Coupon 4	1312 - Issue Batch 6	1350 - Redeem Auth 8
1280 - Issue 5	1313 - Activate Batch 6	1351 - Manual Redemption 8
1281 - Activate 5	1314 - Coupon 6	1352 - Issue Batch 8
1282 - Reload 5	1320 - Issue 7	1353 - Activate Batch 8
1283 - Cash Out 5	1321 - Activate 7	1354 - Coupon 8
1284 - Balance Inquire 5	1322 - Reload 7	
1285 - Balance Transfer 5	1323 - Cash Out 7	
1286 - Issue Points 5	1324 - Balance Inquire 7	
1287 - Redeem Points 5	1325 - Balance Transfer 7	
1288 - Point Inquire 5	1326 - Issue Points 7	
1289 - Redeem 5	1327 - Redeem Points 7	
1290 - Redeem Auth 5	1328 - Point Inquire 7	
1291 - Manual Redemption 5	1329 - Redeem 7	
1292 - Issue Batch 5	1330 - Redeem Auth 7	

Keypad

Keypad Keys - Type 9		
0 - Numeric "0" key	8 - Numeric "8" key	16 - Exit PCWS App
1 - Numeric "1" key	9 - Numeric "9" key	17 - Add
2 - Numeric "2" key	10 - Numeric "00" key	18 - Delete
3 - Numeric "3" key	11 - Decimal "." key	19 - Edit
4 - Numeric "4" key	12 - Enter	20 - Edit Delete
5 - Numeric "5" key	13 - Clear	21 - Edit Insert Tggl
6 - Numeric "6" key	14 - Shift	22 - Current MMDDYY
7 - Numeric "7" key	15 - Backspace	

This table illustrates the order in which keys on a UWS/1 keyboard are exported.

8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128
7	15	23	31	39	47	55	63	71	79	87	95	103	111	119	127
6	14	22	30	38	46	54	62	70	78	86	94	102	110	118	126
5	13	21	29	37	45	53	61	69	77	85	93	101	109	117	125
4	12	20	28	36	44	52	60	68	76	84	92	100	108	116	124
3	11	19	27	35	43	51	59	67	75	83	91	99	107	115	123
2	10	18	26	34	42	50	58	66	74	82	90	98	106	114	122
1	9	17	25	33	41	49	57	65	73	81	89	97	105	113	121

Master List of Key Categories

Keypad

This table illustrates the order in which keys on a UWS/2 keyboard are exported.

		7	9	11	13	29	27	25	23		
8	10	12	14	15	16	4	1	2	3	5	6
24	26	28	30	31	32	20	17	18	19	21	22
39	41	43	45	55	57	59	61	77	75	73	71
40	42	44	46	47	48	36	33	34	35	37	38
56	58	60	62	63	64	52	49	50	51	53	54
72	74	76	78	79	80	68	65	66	67	69	70
87	89	91	93	103	105	107	109	125	123	121	119
88	90	92	94	95	96	84	81	82	83	85	86
104	106	108	110	111	112	100	97	98	99	101	102
120	122	124	126	127	128	116	113	114	115	117	118

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