

ISS 45



Office User Reference ...

... System Maintenance & Utilities

Version 7.7

ISS45 7.7 Office User Reference — System Maintenance and Utilities

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System Maintenance and Utilities

The System Maintenance & Utilities option provides access to the system parameters, to various maintenance programs and to ISS45 utilities.

Accessing System Maintenance & Utilities Options

➤ **To access a System Maintenance & Utilities option**

- 1 From the main menu, select System Maintenance & Utilities. The Maintenance & Utilities menu displays.

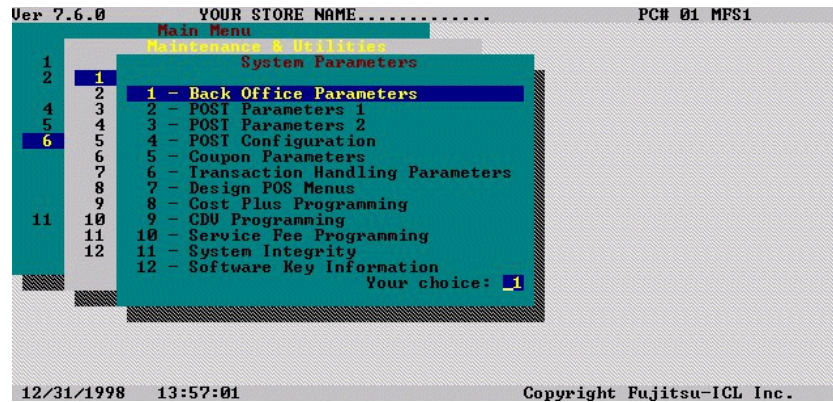


- 2 From the Maintenance & Utilities menu, select the required option. The relevant option screen displays.

System Parameters

The System Parameters option provides access to various parameters that enable you to customize back-office, terminal and an assortment of other operations.

To access this option, select System Parameters from the Maintenance & Utilities menu. The System Parameters menu displays.



Setting System Parameters

System parameter settings are entered in one of the following ways:

- Entering a value in the field space. For example, the number of decimal positions, the size of a file, or a file name.
- Checking the parameter by pressing the *Space Bar*. The check sign appears within the square brackets: [✓]. To uncheck such a parameter, press the *Space Bar* again. The check sign clears.
- Selecting a value from a drop-down list. When [↓] appears on the parameter line, press the *Right Arrow* to open the list. Highlight the required option using the *Up Arrow* and *Down Arrow*, and press *Enter* to select it.

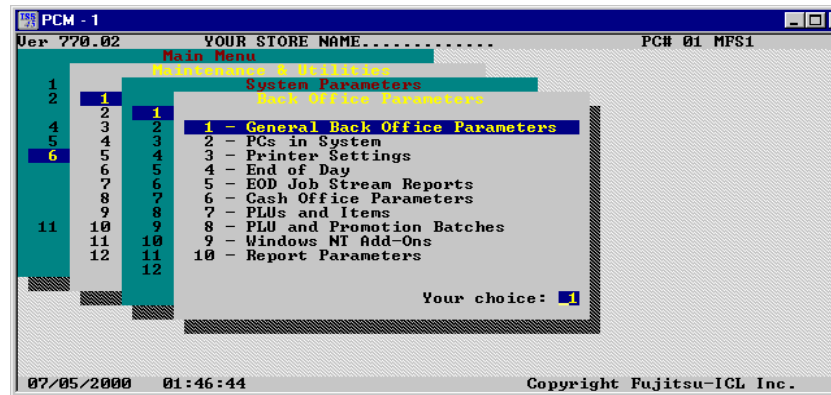
Back Office Parameters

The Back Office Parameters option enables you to customize the system for your store. These parameter settings provide the system with such information as:

- The date format and decimal position to use.
- The unit of measurement to be used for weight.
- Names, record lengths and locations of some files.

- Whether or not some of the system features are being used. For example, Delayed Cashier Balancing, Enhanced Cashier/Store Balancing, Subdepartment classification, etc.
- When and how to execute batch files.
- Specific file record sizes.
- Which End of Day reports to print.
- When to perform End of Day, End of Month and End of Year procedures.

To access the Back Office Parameters option, select Back Office Parameters from the System Parameters menu. The Back Office Parameters menu displays.



The Back Office Parameters option provides access to further options, each with their own parameter screen(s). The parameters are described, option by option, in the following pages. Some parameter options have more than one screen of parameters. To move from one screen to another, use *F6* (Next Page) and *F5* (Previous Page). After you set parameters on a screen, press *F2* to record them.

General Back Office Parameters - Page 1

To access this option, select General Back Office Parameters from the Back Office Parameters menu. The following screen displays.

```

PCM - 1
Ver 770.02      YOUR STORE NAME.....      PC# 01 MFS1
General Back Office Parameters Page 01
1. Store name.....YOUR STORE NAME.....
2. Store number.....00001
3. Store VAT number.....
4. Date: American or European.....American [1]
5. Decimal point position [0-3]: 0=x, 1=.x etc.....2
6. Pounds or kilograms weight.....Pounds [1]
7. Subdepartment in system.....[ ]
8. Allow customer accounts maintenance.....[X]
9. Megabytes remaining on disk to initiate a warning message.....50
10. Factura in system.....[ ]
11. Use department tax exclusive sales for Weekly Business Report..[ ]
12. Skip store number check digit validation on enhanced bad acct..[X]
13. Prohibit user sign on at more than one server simultaneously...[ ]
14. User defined DOS batch file name.....
15. Run DOS batch automatically every 0 x 15 seconds.....
16. When Screen Saver starts, system will exit to.....None [1]

[F2] Update

07/05/2000 01:48:17      Copyright Fujitsu-ICL Inc.
  
```

Parameter	Description
Store Name	Enter the name of your store (up to 28 characters). This name displays on all screens and reports.
Store Number	Enter the code number of your store (up to five digits - up to 65000)).
Store VAT Number	Store's VAT registration number.
Date: American or European	Select the date format to be used in your system: American or European. The American date format is MMDDYY. The European date format is DDMMYY.
Decimal Point Position	The number of positions (up to three) to the right of the decimal point. 0 means no decimal points.

Parameter	Description
Pounds or Kilograms Weight	Select the unit of measurement used in your POS terminals: Pounds or Kilograms.
Subdepartment in System	Check this parameter to enable item classification by subdepartments. For more explanations, see the chapter 'Subdepartment Maintenance'.
Megabytes Remaining on Disk to Initiate a Warning Message	Enter the minimum free disk space required (in megabytes). When the disk space on your computer is less than this amount, a warning message displays.
Factura in System	A sales receipt may be printed in invoice format. Check this parameter to allow this option. The cashier is then prompted to choose the invoice option, before the sales receipt is printed.
Use Department Tax Exclusive Sales for Weekly Business Report	Check this parameter if you want department sales to be printed without tax. (Only used where the tax system in use is tax <i>inclusive</i> .)
Skip Store Number Check Digit Validation on Enhanced Bad Acct.	If you want the system to validate the store number check digit in the Enhanced Bad Accounts program, leave this parameter unchecked. To skip validation, check this parameter.
Prohibit User Sign-On at more than One Server Simultaneously	If you want to allow users to sign-on at only one server at a time, check this parameter.
User defined DOS batch file name	Name the specific DOS batch file. Note This DOS batch file will run in background mode and will only be executed if the user is in a main menu and if there is no alert message present.

Parameter	Description
Run DOS batch automatically every --- x15 seconds	This parameter enables you to run your own DOS batch file with time intervals. This enhancement gives you the option to run any user defined DOS batch file (not for PLU or Promotion batch files). Insert the number to be multiplied by fifteen seconds. This calculation determines the interval period (in seconds) between batch files to be executed.
When Screen Saver Starts, system will exit to	Select either one of the following from the drop down list: • None • Prev. Menu • Sign on Screen

PCs in System

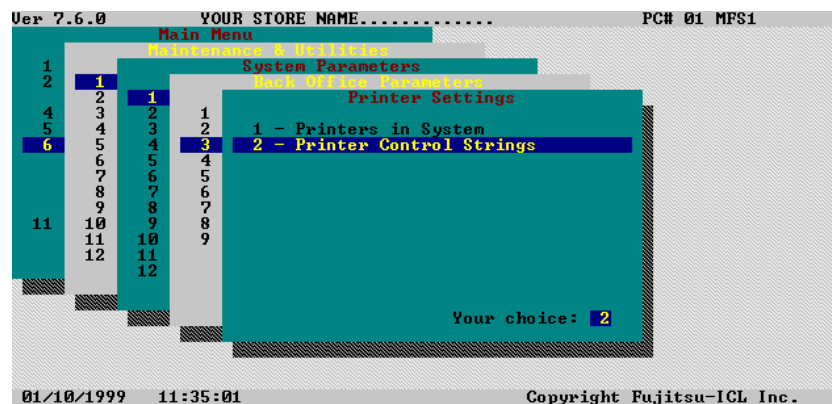
To access this option, select PCs in System from the Back Office Parameters menu. The following screen displays.

Ver 7.6.0		YOUR STORE NAME.....		PC# 01 MFS1	
				PCs in System Page 01	
1.	PC number	1	<MFS1> in system		[N]
2.	PC number	2	<MFS2> in system		[N]
3.	PC number	3	<Workstation> in system...	[]	Boot at EOD... []
4.	PC number	4	<Workstation> in system...	[]	Boot at EOD... [N]
5.	PC number	5	<Workstation> in system...	[]	Boot at EOD... []
6.	PC number	6	<Workstation> in system...	[]	Boot at EOD... []
7.	PC number	7	<Workstation> in system...	[]	Boot at EOD... []
8.	PC number	8	<Workstation> in system...	[]	Boot at EOD... []
9.	PC number	9	<Workstation> in system...	[]	Boot at EOD... []
10.	PC number	10	<Workstation> in system...	[]	Boot at EOD... []
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
IF21 Update					
12/31/1998		13:59:15		Copyright Fujitsu-ICL Inc.	

Parameter	Description
PC Number 1 (MFS1) in System	Check this parameter if MFS1 exists in the configuration.
PC Number 2 (MFS2) in System	Check this parameter if MFS2 exists in the configuration.
PC Number 3-10 (Workstation) in System	If PCs other than MFS1 and MFS2 are connected to the system, check the corresponding parameter. For example, if there are two more computers, check the PC Number 3 and PC Number 4 parameters.

Printer Settings

To access the options Printers in System and Printer Control Strings, select Printers Settings from the Back Office Parameters menu. The following screen displays.



Printers in System

To access this option, select Printer Settings, Printers in System from the Back Office Parameters menu. The following screen displays.

PC Number	Printer Type	LPT
MFS1	HP Laser <PCL 5> - A4	[1]
MFS2	Dot Matrix	[1]
LFS3	Dot Matrix	[1]
LFS4	Dot Matrix	[1]
LFS5	Dot Matrix	[1]
LFS6	Dot Matrix	[1]
LFS7	Dot Matrix	[1]
LFS8	Dot Matrix	[1]
LFS9	Dot Matrix	[1]
LFS10	Dot Matrix	[1]

F21 Update

Ver 7.6.0 YOUR STORE NAME PC# 01 MFS1 Printers in System Page 01

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Parameter	Description
LPT for PC Number 1 (MFS1)	Select the applicable LPT number for MFS1 from the drop-down list. - LPT 1 - LPT 2
LPT for PC Number 2 (MFS2)	Select the applicable LPT number for MFS2 (if it exists in this configuration), from the drop-down list. - LPT 1 - LPT 2
LPT for PC Number 3-10 (Workstation) in System	If PCs other than MFS1 and MFS2 are connected to the system, check the applicable LPT number for each workstation.

Printer Control Strings

To access this option, select Printer Settings from the Back Office Parameters menu. The following screen displays.

Line	Setting	Format	Action
1	HP CONDENSE -	Lett	[J]
2	HP NORMAL -	Lett	[J]
3	HP 80 COLUMNS -	Lett	[J]
4	HP RESET -	Lett	[J]
5	HP CONDENSE -	A4	[J]
6	HP NORMAL -	A4	[J]
7	HP 80 COLUMNS -	A4	[J]
8	HP RESET -	A4	[J]
9			[]
10			[]
11			[]
12			[]
13			[]
14			[]
15			[]
16			[]
17			[]
18			[]
19			[]

In Printer Control Strings, the *setup* button allows you to select between HP Laser A4 and HP Laser Letter.

Each printer setting adds at least four types of control strings to the printer. You must add at least one of them depending on the printer type chosen in 'Printers in System'.

Printer Settings allows you to differentiate between printing two types of reports: those sent directly to the printer and those sent first to a file and then to the printer.

Example 1:

When a report is sent directly to the printer, IPM checks whether the PC is connected to a laser printer or dot matrix. If laser printing is set up, it sends the escape sequence matching the report format, followed by the report and the reset escape sequence.

Example 2:

When a report is sent to file, it may be printed on any type of printer. IPM places a special character at the beginning of the report. This character tells IPM to send the appropriate escape sequence.



Parameter	Description
Number	Printer number.
Description	Enter in the name of the printer.
Action	Check this to make the current setting active.
Lines/page	Enter in the number of lines to print per page.
Printer types	Select the printer type from the drop down list.
Line text mode	Select the line text mode from the drop down list.
Control string	Enter any required ESC characters and sequences.

End of Day - Page 1

To access this option, select End of Day from the Back Office Parameters menu. The following screen displays.

```

Ver 7.6.0      YOUR STORE NAME.....      PCH 01 MFS1
End of Day Parameters Page 01
1. Allow E-O-D activation from a workstation..... [X]
2. Build credit ASCII file during E-O-D.....      [X]
3. Credit ASCII file name.....                    seq\credit.seq
4. Build an ASCII transaction file during E-O-D.... [X]
5. Send Pay Path totals during E-O-D.....         [X]
6. Allow changing of trading date, next trading date, EOD type.... [X]

[F21 Update]      [F61 Next Page]

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```

Parameter	Description
Allow E-O-Day Activation from a Workstation	Check this parameter if the store uses a remote workstation, and you want to be able to activate End of Day from it.
Note You cannot activate Automatic End of Day from a workstation.	
Build Credit ASCII File during E-O-D	Builds an ASCII file of all credit-based transactions.
Credit File ASCII Name	The default name is credit.seq, in the \seq directory.
Build an ASCII Transaction File during E-O-D	Check this option if you want an ASCII transaction file to be built during End of Day. This file is created in addition to the regular transaction file. The file for each day is saved in the \HISTORY directory, and is named, for example, AS960423.ZIP. The prefix is always AS, followed by the date.
Build POS Accountability File during E-O-D	Check this option to create the file during End of Day.

Select *F6* to move to the next page.

End of Day - Page 2

```

Ver 7.6.0      YOUR STORE NAME.....      PCN 01 MFS1
End of Day Parameters Page 02
1. Day of the week to perform end-of-week..... 1
2.
3. Day in the month to perform end-of-month for January..... 31
4. Day in the month to perform end-of-month for February..... 28
5. Day in the month to perform end-of-month for March..... 31
6. Day in the month to perform end-of-month for April..... 30
7. Day in the month to perform end-of-month for May..... 31
8. Day in the month to perform end-of-month for June..... 30
9. Day in the month to perform end-of-month for July..... 31
10. Day in the month to perform end-of-month for August..... 31
11. Day in the month to perform end-of-month for September..... 30
12. Day in the month to perform end-of-month for October..... 31
13. Day in the month to perform end-of-month for November..... 30
14. Day in the month to perform end-of-month for December..... 31
15.
16. Day and month to perform end-of-year.....[mm/dd]..... 12/31

[IF21 Update] [IF51 Prev Page] [IF61 Next Page]

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```

This screen contains parameters for scheduling End of Day procedures.

End of Day is a daily procedure that processes the data accumulated in the store during that day. In addition, End of Day performs end of week, end of month and end of year operations, to sum up the activities of the current week, current month and current year. The day of the week for performing an End of Day procedure, the day in the month for performing an End-of-Month procedure for each month of the year, and the day and month for performing an End of Year are determined via the parameters on this screen.

When the user activates the End of Day option, a screen displays the type of procedure to perform, based on the days defined via these parameters. However, the user can request to run these procedures on other days. For further explanations, see the chapter 'End of Day'.

For each parameter, enter the day to perform the stated function:

- Day of the Week to Perform End-of-Week. For example, 1 for Sunday, 2 for Monday, etc.
- Day in the Month to Perform End-of-Month for January through December. For example, 31 for January, etc.
- Day and Month to Perform End-of-Year (month and day in mm/dd format). For example, 12/31 for December 31.

Select *F6* to move to the next page.

End of Day - Page 3

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

End of Day Parameters Page 03

1. 24 hours trading store.....> []

2. Minutes to wait for POS to send remaining transactions.....> 0

3. PC number to activate automatic E-O-D.....> MFS1 [4]

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Automatic	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Time	23:00	23:00	23:00	23:00	23:00	23:00	23:00

Note: Define exceptional EOD dates on next page.

[F2] Update [F5] Prev Page [F6] Next Page

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This screen contains parameters for setting 24-hour and Automatic End of Day procedures.

Notes on Automatic End of Day

- When Automatic End of Day is run while a cashier is signed on, the current transaction will be saved on the next day's date.
- That part of the transaction created before the POS terminal enters End of Day is sent to the Back Office marked as 'bad' on the next day's date.
- No checksum on QDX files is performed. The POS terminal files are therefore not compared with those on the Back Office.
- The POS terminal does not save the local transaction file.
- There is no loading of QDX files.
- Cashier totals remain unchanged.

Set up the appropriate End of Day settings with the parameters in the following table.

Parameter	Description
24 Hours Trading Store	Check to indicate your store operates around the clock. This option allows you to run End of Day (manually or automatically) even when cashiers are signed on at the POS terminals and serving customers. A [PC_EOD] message at the bottom of the cashier screen informs cashiers that End of Day is running 'This prompt later changes to [OFFLINE] while the MFS reboots. Cashiers can continue serving with no affect on performance. End of Day reports do not print at the POS terminal during this End of Day process.
PC Number to Activate Automatic E-O-D	Select the appropriate option from the drop-down list. • None - No Automatic End of Day • MFS1 • MFS2 Note You must select MFS1 or MFS2 to activate Automatic End of Day. The first time you use this option, you must also update the current working date in the Date and Time option.
Minutes to Wait for POS to Send Remaining Transactions (For Automatic End of Day only)	Enter the minutes for the MFS to wait, after it has started End of Day, to receive transactions from the POS terminals, as well as send maintenance updates. Once the indicated number of minutes is passed, the MFS continues the End of Day process on the terminals.

Parameter	Description
Automatic: Sunday through Saturday	Press the <i>Space Bar</i> to check each day of the week you want to run Automatic End of Day. You may want to run End of Day manually on specific days. Just leave the required days unchecked. Note If the next working day is a holiday, use the parameters on the next two screens to define a different (exceptional) working date.
Time: Sunday through Saturday	Enter the required time to initiate End of Day for each day of the week.

If you need to define exceptional dates, where the next working dates are holidays, select *F6* to move to the next page.

End of Day - Page 4 and 5

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1
End Of Day Parameters Page 04

Exceptional dates for automatic end of day:

Date	N.W. Date	Date	N.W. Date	Date	N.W. Date
01/01/1980	01/02/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980
01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980
01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980
01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980
01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980	01/01/1980

<N.W. Date = Next working date>

[F2] Update [F5] Prev Page [F6] Next Page

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This screen (and the next) each contain 15 date fields for scheduling exceptional dates for the next working date. You would normally use this option to indicate the next working date after a holiday.

We recommend that the system administrator set up these dates ahead of time, for a year. They can, of course, be changed at any time to suit the required circumstances.

- In the Date fields, enter the required exceptional EOD dates.
- Enter the specific next working dates required, in the N.W. Date fields.

Select *F2* to save the setup.

EOD Job Stream Reports - Page 1

This feature allows the user to specify which reports to generate and which reports to print. It is not necessary to generate and print all reports.

Check the reports you wish to print at EOD. To print a report, set both the Generate and the Print check boxes. If only the print field is set, the report will not be generated and therefore will not print at EOD.

If only the generate field is set, the report is generated during EOD and may be viewed in EOD History Reports.

To access this option, select EOD Job Stream Reports from the Back Office Parameters menu. The following screen displays.

Report Number	Report Name	Generate	Print
1.	Control report	☐	☐
2.	Post Report (Grand total) report	☐	☐
3.	Media report	☐	☐
4.	Hourly Productivity report	☐	☐
5.	Fifteen Minutes Productivity report	☐	☐
6.	Department report	☐	☐
7.	Expanded Department report	☐	☐
8.	Weekly Expanded Department report	☐	☐
9.	Monthly Expanded Department report	☐	☐
10.	Yearly Expanded Department report	☐	☐
11.	Department by Cashier report	☐	☐
12.	Department by Terminal report	☐	☐
13.	Department by Hour report	☐	☐
14.	Department by Customer report	☐	☐
15.	Department Information report	☐	☐
16.	Traders Sales report	☐	☐

Buttons:

Status Bar: 12/31/1998 14:04:30 Copyright Fujitsu-ICL Inc.

This screen contains parameters to specify which reports to generate during the End of Day procedure. Check the relevant reports.

Select *F6* to move to the next screen.

EOD Job Stream Reports - Page 2

Report Number	Report Name	Generate	Print
1.	Department VAT report	[X]	[X]
2.	Group Sales report	[X]	[X]
3.	Promotion Add/Loss report	[X]	[X]
4.	Sort Promotion Add/Loss report by ID	[X]	[X]
5.	Sort Promotion Add/Loss report by Department	[X]	[X]
6.	Sale Items Add/Loss report	[X]	[X]
7.	Sort Sale Item Add/Loss report by Department	[X]	[X]
8.	Payout/ROA reports	[X]	[X]
9.	Cashier Performance report	[X]	[X]
10.	Cashier Productivity by Hour report	[X]	[X]
11.	Daily Operator Performance report	[X]	[X]
12.	Weekly Operator Performance report	[X]	[X]
13.	Monthly Operator Performance report	[X]	[X]
14.	Branch Performance report	[X]	[X]
15.	Daily Refunds report	[X]	[X]
16.	Period Refunds report	[X]	[X]

Buttons: IF2] Update, IF5] Prev Page, IF6] Next Page

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This screen contains additional parameters to specify which reports to generate during the End of Day procedure.

Check the Sort Promotion Add/Loss Report by Department and Sort Sale Item Add/Loss Report by Department parameters, if these End of Day reports should be sorted by department.

Select F6 to move to the next screen.

Parameter	Description
Sort Promotion Add/Loss report by ID	Select this option if you want the Promotion Add/Loss report sorted by ID.
Note Ensure the following: Promotion Add/Loss Report in EOD Job Stream Reports page 2 must be set to 'Generate' and 'Print'. Sort Promotion Add/Loss Report by Department in EOD Job Stream Reports page 2 must not be set to 'Generate' and 'Print'.	

EOD Job Stream Reports - Page 3

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1
EOD Job Stream Reports Page 03

	Generate	Print
1. Department Flash Sales & Sales Mix report.....	[]	[]
2. Net Department Sales Flash report.....	[X]	[]
3. Statement Of Trade Receivables report.....	[X]	[]
4. Cashier History report.....	[X]	[]
5. POS Sales report.....	[X]	[]
6. Saved Transactions report.....	[X]	[]
7. Location report.....	[X]	[]
8. Item Member Promotions Sales report.....	[X]	[]
9. Queue Length Weekly Summary.....	[X]	[]
10. Itemized Check report by Cashier.....	[X]	[]
11. Itemized Check report by POST.....	[X]	[]
12. Vendor Coupon totals report.....	[X]	[]
13. EFT Authorized Transactions report.....	[X]	[]
14. Trading stamps distribution report.....	[X]	[]
15. Media in POSIs signed-on at store close report.....	[X]	[]
16. Audit report - PLU changes.....	[X]	[]

[F21] Update [F51] Prev Page [F61] Next Page

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This screen contains additional parameters to specify which reports to generate during the End of Day procedure.

EOD Job Stream Reports - Page 4

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1
EOD Job Stream Reports Page 04

	Generate	Print
1. EOD Error Status Report <for Automatic EOD only>.....	[X]	[X]
2. Member Promotion Sales Report.....	[X]	[X]
3. Daily Cashier/POS Transactions File.....	[X]	[X]
4. Weekly Cashier/POS Transactions File.....	[X]	[X]
5. Subtract and Cancel Report.....	[X]	[X]

[F21] Update [F51] Prev Page

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This screen contains additional parameters to specify which reports to generate during the End of Day procedure.

Cashier Office Parameters - Page 1

To access this option, select Cash Office Parameters from the Back Office Parameters menu. The following screen displays.

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

Cash Office Parameters Page 01

- 1. Allow delayed cashier balancing.....[N]
- 2. Enhanced Cashier/Store balancing functions.....[N]
- 3. Delay Cashier/Safe over/short totals.....[]
- 4. Allow declarations for cashiers/posts not signed-on in period..[]
- 5. Allow transactions (pickups/loans) after cashiers/posts locked..[]
- 6. Cashier/POST Locking allowed only to Printer & File or File....[]
- 7. Transfer cashier period on End-Of-Week (default is every day)....[]
- 8. Do not transfer cashier period on Sunday.....[]
- 9. Do not transfer cashier period on Monday.....[]
- 10. Do not transfer cashier period on Tuesday.....[]
- 11. Do not transfer cashier period on Wednesday.....[]
- 12. Do not transfer cashier period on Thursday.....[]
- 13. Do not transfer cashier period on Friday.....[]
- 14. Do not transfer cashier period on Saturday.....[]
- 15. Display current media in till on Cashier/POS Loan/Pickup.....[]
- 16.
- 17.
- 18.

[F2] Update [F6] Next Page

12/31/1998 14:07:40 Copyright Fujitsu-ICL Inc.

Parameter	Description
Allow Delayed Cashier Balancing Functions	With the Delayed Cashier Balancing feature, the system allows cashiers who work different shifts on different days, to simultaneously retain the totals of both shifts (<i>previous</i> and <i>current</i>), and perform cashier balancing at the end of the second shift. For further explanations, see 'Transfer Current Data to Previous Data', in the 'Cashier Maintenance' chapter. Check this parameter to enable the Delayed Cashier Balancing feature. A cashier will be able to work a current shift before the previous shift's data has been processed or cleared. When you check or clear this parameter, a message box displays with a warning message. This message tells you that before using a cashier function you must empty the CASHIER.QDX and EMPL.QDX files, and create a new cashier file in both MFS1 and MFS2. To do this: 1. Exit to DOS. 2. Type Q-EMPTY 10 11. Press <i>Enter</i>. 3. Create a new cashier file in one of the MFS computers.
Enhanced Cashier/Store Balancing Functions	Check this field to use the Enhanced Cashier/Store Balancing feature. This feature enables the Cashier & Store Balancing option on the Cashier Maintenance menu. This option provides access to several programs for recording cashier and safe transactions, for balancing and zeroing cashier and safe totals, and for generating cashier and store reports. For further explanations on balancing procedures, see Cash Office Functions chapter.
Delay Cashier/Safe Over/Short Totals	Check this parameter to delay Cashier/Safe over/short totals. Over/short totals are accounted for on the previous days totals.

Parameter	Description
Allow Declarations for Cashiers/Posts not Signed-on in Period	If checked, allows declarations for cashiers and POS terminals that have not signed-on during the period.
Allow transactions (pickups/loans) after cashiers/posts locked	Allows pickups and loans to be performed even though cashiers or POS Terminals have been locked.
Cashier/POST Locking allowed only to Printer & File or File	Check this to enable cashier/post locking to printer + file or file only. This enhancement disables the Cashier/Post Locking to Printer only option.
Transfer Cashier Period on End of Week (default is every day)	If the store's trading period is a week, check this parameter to transfer cashier totals to the previous period at the end of the week. For example, if a store trades to Sunday, the transfer will be done during End of Week on Sunday night. The system default is to transfer totals at every End of Day.
Do Not Transfer Cashier Period on Sunday through Saturday	To specify which days NOT to transfer cashier periods, check the parameter for the relevant day. This parameter applies only if the above parameter is left blank. That is, the default every day.
Display current media in till on Cashier/POS Loan/Pickup	Check this so that the till quantity and till amount display in the Back Office Loan and Pickup screens. This allows you to compare quantities and amounts of different media types and enables you to do the loan/pickup against the 'expected' amount and quantity in the till.

Select *F6* to move to the next screen.

Cashier Office Parameters - Page 2

The parameters on this page all relate to POS accountability.

```

Ver 7.6.0      YOUR STORE NAME.....      PC# 01 MFS1
Cash Office Parameters Page 02
1. POS Accountability in system.....[ ]
2. Allow delayed POS balancing.....[ ]
3. Transfer POS period on End-Of-Week (default is every day).....[ ]
4. Do not transfer POS period on Sunday.....[ ]
5. Do not transfer POS period on Monday.....[ ]
6. Do not transfer POS period on Tuesday.....[ ]
7. Do not transfer POS period on Wednesday.....[ ]
8. Do not transfer POS period on Thursday.....[ ]
9. Do not transfer POS period on Friday.....[ ]
10. Do not transfer POS period on Saturday.....[ ]
11.
12.
13.
14.
15.
16.
17.
18.
[F2] Update      [F5] Prev Page
12/31/1998      14:08:01      Copyright Fujitsu-ICL Inc.
  
```

Parameter	Description
POS Accountability in System	Check this parameter if your store is working on the basis of POS accountability, and not cashier accountability. Checking this parameter displays a warning (and informative) message. After you check the parameter and press F2, you will have to do the following, in both the MFS1 and MFS2: 1. Exit to DOS. 2. Type Q-EMPTY 7 and press <i>Enter</i>. 3. In one PC create a new poll list.

Warning

The in-safe values will be affected only by POS locking, not cashier locking.

Parameter	Description
Allow Delayed POS Balancing	This parameter affects the system in the same way as Delayed Cashier Balancing. For more information, refer to page 25.
Transfer POS Period on End of Week (default is every day)	If the store's trading period is a week, check this parameter to transfer POS terminal totals to the previous period at the end of the week. For example, if a store trades to Sunday, the transfer will be done during End of Week on Sunday night. The system default is to transfer totals at every End of Day.
Do Not Transfer POS Period on Sunday through Saturday	To specify which days NOT to transfer POS periods, check the parameter for the relevant day. This parameter applies only if the above parameter is left blank. That is, the default every day.

PLUs and Items - Page 1

To access this option, select PLUs and Items from the Back Office Parameters menu. The following screen displays.

```

Ver 7.6.0      YOUR STORE NAME.....      PC# 01 MFS1
PLU and Item Parameters Page 01
1. PLU must have a valid check digit..... [ ]
2. Internal code (item number) in system..... [ ]
3. Update ALL items linked to internal code if one PLU changed.. [ ]
4. CDU scheme for internal code (0=no CDU check)..... 0
5. Mix and Match group maximum value..... 255
6. Update ALL Mix and Match groups if one PLU changed..... [ ]
7. PLU follow department flags as a default..... [N]
8. PLU maintenance audit..... [N]
9. PLU maintenance audit file name..... C:\PCMASTER\SEQ\AUDIT.SEQ
10. Audit file record size..... 128
11. Item includes check digit (for POST)..... [ ]
12. PLU report file name..... c:\pcmaster\seq\plurpt.seq
13. PLU report file record size (minimum 92 bytes)..... 128
14. Profit report file name..... c:\pcmaster\seq\pluprf.seq
15. Profit report file record size (minimum 105 bytes)..... 128
16. Zero price PLU allowed..... [ ]
17. Allow Frequent Shopper discount higher than item price..... [ ]

[F2] Update      [F6] Next Page      [F8] List

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```

Parameter	Description
PLU must have a Valid Check Digit	Check this parameter if PLU numbers should include check digit verification.
Internal Code (Item Number) in System	If your store uses an internal code (item number), check this parameter. Internal codes are linked to the PLU number. This method can also be used to link many PLU numbers to the same internal code. For example, internal codes for different color toothbrushes can be allocated the same PLU number.
Update ALL Items Linked to Internal Code if one PLU changed	If you are using Internal codes, and several are linked to one PLU, when one item changes, all the linked items change automatically. Details that are affected are: • Department • Price • Frequent Shopper value (discount amount).
CDV Scheme for Internal Code (0=no CDV check)	Select the option required, to apply a check digit verification method to internal codes. The options available here are first defined in CDV Programming. See System Parameters.
Mix & Match Group Maximum Value (from 0 to 255)	The maximum mix and match group value to be allowed. Enter a number from 0 to 255. See the Update All Mix & Match Group if One PLU Changed parameter, below.

Parameter	Description
Update ALL Mix & Match Groups if One PLU Changed	PLU items can be assigned to a Mix & Match Group so that prices can be updated globally by changing the price of a single item in a group. By assigning a Mix & Match code to an item, you can change the price and quantity of all items that are associated to this Mix & Match code. In other words, if you change the price or quantity of an item, you can change all items with the same code. For further explanations, refer to the 'PLU Maintenance' chapter. Check this parameter if the price and quantity of all items with similar mix & match codes should be updated by changing the price or quantity of one of the items. If this parameter is not checked, each price must be individually changed.
PLU Follow Department Flags as a Default	When adding a new PLU item, the parameter values of the department to which the item is assigned can be displayed by default (see the chapter 'PLU Maintenance'). If the store's trading period is a week, check this parameter to transfer cashier totals to the previous period at the end of the week. For example, if a store trades to Sunday, the transfer will be done during End of Week on Sunday night. The system default is to transfer totals at every End of Day.
PLU Maintenance Audit	The operations performed in the PLU file (such as new items, updates, price changes, etc.) can be recorded in an audit log file. If you want to maintain such a file, check this parameter, and specify the required file name in the next parameter

Parameter	Description
PLU Maintenance Audit File Name	Specify the path and name of the PLU maintenance audit file. Use a maximum of eight characters for the filename and three characters for the extension. The default is: C:\PCMASTER\SEQ\AUDIT.SEQ.
Audit File Record Size	Allows you to define the size of the PLU audit file records. Minimum record size is 123 bytes.
Item Includes Check Digit (For POST)	Check this to instruct the POS terminals that items (PLU numbers) include check digit verification.
PLU Report File Name	The PLU Item Report can be printed to a file in your disk (by selecting File as the report destination). This file is created under a directory and file name specified by the PLU Report File Name parameter. The default is C:\PCMASTER\SEQ\PLURPT.SEQ. If you want the report file to be created elsewhere on your disk and/or with a different file name, overtype the required path and/or name. Use a maximum of eight characters for the filename and three characters for the extension.
PLU Report File Record Size	Enter the PLU report file record size (minimum 92 bytes).
Profit Report File Name	The Profitability Report can be printed to a file on your disk (by selecting File as the report destination). This file is created under a directory and file name specified by the Profit Report File Name parameter. The default is C:\PCMASTER\SEQ\PRFRPT.SEQ. If you want the report file to be created elsewhere on your disk and/or with a different file name, overtype the path required and/or name. Up to 8 characters for the filename and 3 characters for the extension.

Parameter	Description
Profit Report File Record Size	Enter the profitability report file record size (minimum 105 bytes).
Zero Price PLU Allowed	Check this for PLU Maintenance to allow zero-priced items. UPC2 items are allowed to be zero-priced regardless of the parameter.

Select *F6* to move to the next page.

PLUs and Items - Page 2

```

Ver 7.7.0      YOUR STORE NAME.....      PC# 02 MFS2
PLU and Item Parameters Page 02
1. Set Discount Prohibited flag to [N] if item is on Sale..... [N]
2. Set Discount Prohibited flag to [N] if item is on Promotion.... [N]
3. Set Discount Prohibited flag to [N] if item is on Reduction.... [N]
4. Set Discount Prohibited flag to [N] if item is on Offer..... [N]
5. Zero sales weeks before actual PLU local deletion..... 0
6. Zero sales weeks before actual PLU host deletion..... 0
7. Zero price items change to manual price at E-O-D..... [N]
8.
9.
10.
11.
12.
13.
14.
15.
16.

[F2] Update      [F5] Prev Page

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```

Parameter	Description
Set Discount Prohibited Flag to [] if Item is on Sale	If this parameter is checked, when a sale is defined for an item, the Discount Prohibited parameter in the PLU record is automatically checked. When the item returns to its original configuration, the parameter is set back to its original setting.

Parameter	Description
Set Discount Prohibited Flag to [] if Item is on Promotion	If this parameter is checked, when a promotion is defined for an item, the Discount Prohibited parameter in the PLU record is automatically checked. When the item returns to its original configuration, the parameter is set back to its original setting.
Set Discount Prohibited Flag to [] if Item is on Reduction	If this parameter is checked, when a reduction is defined for an item, the Discount Prohibited parameter in the PLU record is automatically checked. When the item returns to its original configuration, the parameter is set back to its original setting.
Set Discount Prohibited Flag to [] if Item is on Offer	If this parameter is checked, when an offer is defined for an item, the Discount Prohibited parameter in the PLU record is automatically checked. When the item returns to its original configuration, the parameter is set back to its original setting.
Zero Sale Weeks Before Actual PLU Local Deletion	Enter the required number of weeks of zero sales, before the system automatically deletes local PLUs from the PLU file. Example: If an item is not sold for, say 13 weeks, the system deletes that item from the PLU file at the end of the 13 week period.
Zero Sale Weeks Before Actual PLU Host Deletion	Enter the required number of weeks of zero sales, before the system automatically deletes host PLUs from the PLU file.
Zero price items change to manual price	Select this option so that the system sets the 'manual price' parameter in PLU record, during the EOD process. If a PLU's price is set to zero on the Back Office, the system will detect this during the End of Day process and will automatically set the Manual Price parameter for the PLU record.

PLU and Promotion Batches

To access this option, select PLU and Promotion Batches from the Back Office Parameters menu. The following screen displays.

```

Ver 7.6.0      YOUR STORE NAME      PC# 01 MFS1
PLU and Promotion Batch Parameters Page 01
1. PLU batch file name.....c:\pcmaster\HIXXXX.DAT
2. Allow PLU batch file activation by Date/Time.....[X]
3. Echo batch PLU data on screen.....[X]
4. Use opcode #1 (new) as INSERT/UPDATE code (Host files).....[X]
5. Use opcode #2 (update) as INSERT/UPDATE code (Host files).....[X]
6. PLU batch type.....Super <400 bytes> [4]
7. Use original batch name for error batch file (default is 999)...[X]
8. Save PLU batches before execution.....[X]
9. PC number to activate batch files by Date/Time.....MFS1 [4]
10. Promotion batch file name.....c:\pcmaster\PIXXXX.DAT
11. Show PLU batch description in batch list.....[X]
12. Allow promotion batch file activation by Date/Time.....[X]
13. Save promotion batches before execution.....[X]

[F21 Update]

12/31/1998 14:09:36 Copyright Fujitsu-ICL Inc.
  
```

Parameter	Description
PLU Batch File Name	The path and name of host batch files. The user can define a different file name to each store, and when the host sends files, only files matching this parameter are executed at this store (XXXX represents the batch number). The default is \PCMASTER\HIXXXX.DAT.
Allow PLU Batch Activation by Date/Time	PLU batch files can be executed automatically at a date and time set by the user. To allow this option, check this parameter. In the PLU Batch Maintenance screen, the system prompts the user for the date and time. For further explanations, see the chapter 'Batch Maintenance'.

Parameter	Description
Echo Batch PLU Data on Screen	Check this parameter to display the PLU data on the Batch Maintenance screen. Also, if this parameter is checked, the system issues op-code error messages (e.g. item not found) when working with the Batch Maintenance option.
Use Batch Code #1 as INSERT/UPDATE Code (Host Files)	This parameter refers to the Batch Code field in the Host Batch File option (see the 'PLU Batch Maintenance' chapter). If checked, when processing a record with code #1 in a batch file, the system treats this record as a new or update record and not just as a new record. If blank, the record is treated as a new record.
Use Batch Code #2 as UPDATE/INSERT Code (Host Files)	This parameter refers to the Batch Code field in the Host Batch File option (see the 'PLU Batch Maintenance' chapter). If checked, when processing a record with code #2 in a batch file, the system treats this record as a new or update record and not just an update record. If blank, the record is treated as an updated record.
PLU Batch Type	Choose from the four options available: - a Not defined - a Basic (122 bytes) - a Enhanced (145 bytes) - a Extended (256 bytes): Choose this option to display additional fields in the PLU Batch File screen. With this option, the 'Internal code in System' field always displays in PLU Batch screens.
PLU Batch File Record Size [Host files]	This parameter defines the batch file record length. The minimum size is 122 bytes, but the user can send more information to the applications by enlarging the size. This parameter defines record length for ISS45 and PCCS applications.

Parameter	Description
Use Original Batch Name for Error Batch File	If checked, error files created by batches keep the original file name of the batch. If not checked, error batch files are named 999 (default).
Save PLU Batches Before Execution	Depending on how you set this parameter, a PLU batch file is deleted or saved after it successfully executes and updates the PLU file. If you leave this parameter blank, PLU batch files are deleted after execution. If you check this parameter, the PLU batch files are automatically saved, under the PCMASTER directory, as HIXOLD.XXX. The extension XXX contains the old batch number. For further explanations, see 'Executing a Local Batch File', in the chapter 'Batch Maintenance'.
PC Number to Activate Batch Files by Date/Time	Batch files can be automatically activated at the specified date and time, only in one PC. Use this parameter to specify MFS1 or MFS2.
Promotion Batch File Name	The path and name of the promotion batch files. The user can define a different file name to each store, and when the host sends files, only files matching this name are executed at this store (XXXX represents the batch number). The default is C:\PCMASTER\PIXXXX.DAT.
Show PLU Batch description in batch list	Check this parameter to display a PLU Batch description in the main batch list in Local Batch Maintenance. A PLU Batch description may now be entered in the information window, when adding a new batch in Local Batch Maintenance.

Parameter	Description
Allow Promotion Batch Activation by Date/Time	Promotion batch files can be executed automatically at a date and time set by the user. To allow this option, check this parameter. In the Promotion Batch Maintenance screen, the system will prompt for the date and time. For further explanations, see the chapter 'Promotion Batch Maintenance'.
Promotion Batch File Record Size [HOST FILES]	The promotion batch file record size. The minimum record size is 86 bytes.
Save Promotion Batches Before Execution	Depending on how you set this parameter, a promotion batch file is deleted or saved after it successfully executes and updates the PLU file. If you leave this parameter blank, the promotion batch files are deleted after execution. If you check this parameter, the promotion batch files are automatically saved, under the PCMASTER directory, as PIXOLD.XXX. The extension XXX contains the old batch number. For further explanations, see 'Executing a Local Batch File', in the chapter 'Promotion Batch Maintenance'.

Windows NT Add-Ons

ISS45 Back Office now runs under the Windows NT operating system, taking advantage of its power, speed and security. The ISS45 POS application still runs under DOS on the POS terminal.

ISS45 NT Back Office looks and performs like the DOS version, with Qdex database files. Once in the application, users can navigate and work just like in the DOS version. Some minor differences do exist, such as the system startup and shutdown.

You can run multiple instances of ISS45 NT application windows. For example; run PLU Maintenance and Promotions, each in a different instance, and switch back and forth between them.

Although offering the same user interface, this version utilizes the Windows NT communications, mechanisms and protocols, where ISS45 runs as a native Win 32 NT service.

This version of ISS45 NT Back Office is the precursor to the full 32-bit Windows NT application, ISS45 V8 (currently under development), which utilizes SQL databases and a true graphical user interface.

The following enhancements have been made to support Windows NT Systems:

- On Back Office NT systems a red LAN message appears in the upper right corner of the screen if communication between the two servers is down. The check for LAN in the system is done at 30 second intervals.
- There is visual notification on NT systems to inform you when EOD is running in the background. The message 'E-O-Day in process' appears during EOD on NT systems.

Parameter	Description
PC number to use as PCCS server	Specify the PC to dedicate for PCCS functionality.
CCMS type	Select the appropriate type.
PC number to use as CCMS server	From the drop down list select either NT MFS or LFS. This is used to route messages from the POS Terminal to/from the CCMS Server.
2 nd PC number to use as CCMS Server	Select either NT, MFS or LFS. This is used as the backup PC, in addition to the Primary PC. Use this to route messages to and from the POS Terminal and to and from the CCMS Server.
Port number	Insert the logical port number which opens the communication socket with the CCMS.
CCMS alias in HOSTS file	Enter the CCMS alias for an IP address. The alias must exist in the HOSTS file, in the path: C:\WINNT\SYSTEM32\DRIVERS\ETC

Note

When in Lan monitoring, Customer Card Member Server (CCMS) messages are also shown. RSM and DRVFILE now support a new type of FC message protocol, FC 4A. This FC will be used to handle CCMS messages.

This screen contains parameters for PCCS and Customer Credit Member Server (CCMS).

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1
Windows NT Add-Ons

PCCS Parameters
1. PC number to use as PCCS server.....None [F1]

CCMS Parameters
1. CCMS type.....None [F1]
2. PC number to use as CCMS server.....None [F1]
3. 2nd PC number to use as CCMS server.....None [F1]
4. Port number.....0
5. CCMS alias in HOSTS file.....

[F2] Update

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Report Parameters Page 1

PCM - 1

Ver 7.7.0 MACDONALDS !!!..... PC# 02 MFS2
Report Parameters Page 01

Department Reports:
1. Exclude Non-merchandise sales from department reports totals... [F1]

[F2] Update

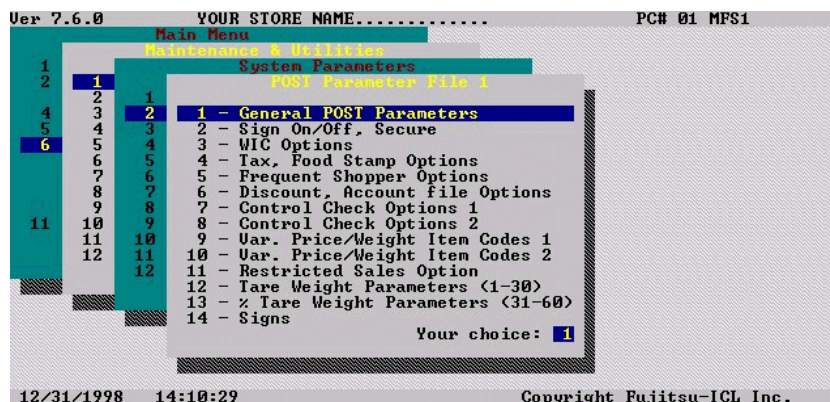
05/10/2000 12:43:33 Copyright Fujitsu-ICL Inc.

Parameter	Description
Exclude Non-merchandise sales from department reports totals	Select this option so that the system excludes Non-merchandise sales from department report totals. If you select the 'Print Report' option , Non-merchandise sales will print separately for each group of departments. The line "Non Merchandizing Departments sales are not included in the report total" appears at the bottom of each report. The following on-line & EOD reports are modified: • Department Report • Control Report • Expanded Department Reports • Weekly Business Report • Exclusive/Inclusive Sales • Flash Sales & Sales Mix • Net Department Sales Flash • Department VAT

POST Parameters 1

This option provides access to various parameters for customizing the POS terminals in your store. POST parameters are initially set by an authorized field engineer, during installation.

To access this option, select POST Parameters 1 from the System Parameters menu. The POST Parameters File 1 menu displays.



Each option on this menu leads to a screen containing a group of parameters. Select the required option to display the parameters screen. Refer to the relevant section below, for parameter descriptions.

General POST Parameters 1

This screen contains general POS terminal parameters.

General Parameters 1:		General POST Parameters Page 1
1.	Open drawer on Tender Purchase.....	[↑][↓]
2.	Open drawer in Training Mode.....	[↑][↓]
3.	Open drawer on End of Day.....	[↑][↓]
4.	Open drawer timeout.....	[↑][↓]
5.	Allow foreign currency change.....	[↑][↓]
6.	MSU rounding option.....	34 33 33
7.	Level of detail on audit printer.....	Medium
8.	Use ENTER key as TOTAL.....	[↑][↓]
9.	PLU/UPC/Enter repeat key in use.....	[↑][↓]
10.	Department repeat key in use.....	[↑][↓]
11.	Void tender at "Check Signature" allowed.....	[↑][↓]
12.	Force Department/Price entry of unknown items.....	[↑][↓]
13.	Default minimum purchase amount for promotions.....	.00
14.	Second tender for Payouts/Receipts.....	[↑][↓]
15.	No CDU check on item scan/ENTER key.....	[↑][↓]
16.	No UPC5 in System.....	[↑][↓]
17.	EAN 99 coupon in system.....	[↑][↓]
18.	Do not allow sales in tender mode.....	[↑][↓]

F21 Update

Parameter	Description
Open Drawer on Tender Purchase	Cash drawer opens on every tender purchase transaction.
Open Drawer in Training Mode	Check this parameter if the cash drawer should be open during transactions that require the cashier to enter media in the drawer, while in Training Mode. If blank, the cash drawer remains closed during the transactions in Training Mode.
Open Drawer on End Of Day	Automatically open the POS terminals' cash drawer when E-O-D begins.

Parameter	Description
Open Drawer Timeout	Defines the number of seconds before the drawer-open alarm sounds.
Allow Foreign Currency Change	Check this parameter to allow foreign currency change to be given to a customer. For a transaction that has been overtendered or partially tendered with one or more foreign currency tenders, the cashier has the option to give change in cash, or as any foreign currency in transaction. Refer to the POS Terminal User's Guide, for more information on foreign currency change.
MSU Rounding Option	This parameter specifies the formula to be used for dividing the price of a multi-item offer among the individual items. For example, in a '3 for \$1.00' offer, instead of charging 33.33 cents for each item, the fraction (.33 cents) is distributed as follows: 34 34 32 or 34 33 33 Select the required formula. With no MSU rounding, the items are broken up into amounts which are close to equal, except that the last item reflects the 'remainder' and usually the smaller value.
Level of Detail on Audit Printer	Check one of the three options: ^a Minimum: Nothing prints. ^a Medium: No <i>item</i> details print. ^a Full: All details print.
Use ENTER Key as Total	Check to use <i>Enter</i> key for Totaling.
PLU/UPC/Enter repeat key in use	Check this parameter to allow the use of these keys.
Department Repeat Key in Use	Check this parameter so that the <Repeat> key can be used to repeat the last department item entry. Refer to the POS Terminal User's Guide, for more details.

Parameter	Description
Void Tender at Check Signature Allowed	If checked, a tender can be voided when the 'check signature' prompt displays on the POS terminal. 'Check signature' displays if the appropriate parameter in the tender record is checked. If blank, the cashier is not allowed to void a tender during tendering with 'check signature'.
Force Department/Price Entry of Unknown Items	Check this parameter to force cashiers to enter the department and the price of unknown items. (Items not in the system).
Default Minimum Purchase Amount for Promotions	Enter the default minimum purchase amount required before a promotion offer can be given. If a minimum purchase amount is not entered in specific promotion definitions (see the chapter 'Promotion Maintenance'), this amount is considered by default.
Note This parameter does not relate to Member Promotions.	
Second Tender for Payouts/Receipts	Specify an (optional) second tender number for receipts and payouts.
No CDV check on Item Scan/ENTER Key	Specify whether or not the system should check for CDV on scanning or manual entry of items.
No UPC5 in System	Check to specify UPC5 functionality not used in the system.
EAN 99 coupon in system	Check to enable EAN 99 coupon functionality
Do not allow sales in tender mode	Check to prohibit sales once tender key is pressed.

General POST Parameters 2

Parameter	Value	Checkbox
1. Type of extended balance due to display.....	None	[X]
2. Multiple language in system.....		[]
3. Reset POS counter during End-Of-Day.....		[]
4. Perform checksum during End-Of-Day.....		[X]
5. Always read PLUs from PC.....		[X]
6. Display F/S total after F/S tender.....		[X]
7. Cost Plus in system.....		[]
8. Cost Plus taxable surcharge department.....	0	
9. Cost Plus non-taxable surcharge department.....	0	
10. Charge Payment tender.....	18	
11. Reversal Charge Payment tender.....	19	
12. Subtract cashier declarations from POS reports.....		[]
13. Don't print POS reports during End-Of-Day.....		[]
14. Tax report to follow POS report.....		[]
15. Tender for rounding.....	0	
16. Disallow quantity with scanning.....		[]
17. Print unique invoice number on charge posting tickets.....		[X]
18. Don't print Price in PLU Group List.....		[]

[F2] Update

Parameter	Description
Type of Extended Balance Due to Display	Select the type of Extended Balance Due, to display in the bottom half of the customer display. The options are: - a None - a Food Stamp
Multiple Language in System	Check this option if you have 2 languages set up in your system, and there is a function defined on the POS terminals to switch language.
Reset POS counter during End-of-Day	Check this parameter if you want to reset Transaction numbers to zero with every End of Day.

Parameter	Description
Perform Checksum during End-of-Day	If checked, this process compares the PLU files in the POS terminals to the PLU file on MFS1, during the End of Day procedure. If differences are found, the POSTs are updated after EOD has completed. This process is done in the background, and does not interfere with the operation of the POSTs. Only prices are checked.
	Note For more powerful checksum options, see the section on System Integrity.
Always read PLUs from PC	Check this option if you want the POSTs to ignore their own PLU files, and read only from the MFS1 PLU file.
Display F/S total after F/S tender	Check this option to display Food Stamp tender details on the bottom half of the customer display.
Cost Plus in System	Check this parameter if your store operates on a 'Cost-Plus' system. If you check this parameter, you must also set the cost plus ranges and percentages.
Cost Plus Taxable Surcharge Department	The department defined for Cost Plus surcharges.
Cost Plus Non Taxable Surcharge Department	The department defined for non-taxable Cost Plus surcharges.
Charge Payment Tender	The tender number, which must be defined as an in-house charge.
Reversal Charge Payment Tender	The tender number defined for Charge Payment Reversal.
Subtract Cashier Declarations from POS Reports	Check this parameter to deduct cashier declarations from media totals on the POS report. (Not used in USA).
Don' t Print POS Reports during End-of-Day	If POS reports are not required to print at End of Day, check this parameter.
Tax report to follow POS report <El-Salvador>	If checked, the Tax Report prints immediately after the POS Report.

Parameter	Description
Tender for Rounding	Tender number to which rounded amounts are saved. You must first create a tender for rounding. See 'Tender Maintenance'.
Disallow Quantity with Scanning	Don't allow cashier to use QTY button when scanning an item.
Print unique invoice number on charge posting tickets	If checked and a transaction is a Charge Posting transaction, a unique number is printed at the top of all three (multi part) receipts. The thirteen digit unique number is made up of the store number, lane number and transaction number.
Don't print price in PLU group list	If checked, PLU Short Group lists on the PoS terminal show 20 character PLU descriptions and 13 character PLU codes without their prices. If this parameter is not checked, the PoS terminal displays 14 character PLU descriptions and 13 character PLU codes with 4 character prices.

General POST Parameters 3

General POST Parameters Page 3

General Parameters 3:

1. Check Guarantee functionality.....	[]
2. Times to swipe card before manual entry.....	2
3. Seconds before credit card number can be entered.....	1
4. Force ZEROS on coupon number.....	0
5. Cash in drawer limit.....	100.00
6. Foodstamps in drawer limit.....	20.00
7. Maximum number of digits for department value.....	9
8. Maximum number of digits for media value.....	9
9. Sales printer sound.....	None
10. Supervisor privileges 1.[X] 2.[X] 3.[X] 4.[X] 5.[X] 6.[X] 7.[X] 8.[X]	
11. In-house account type.....	Charge posting
12. Password required with cashier bar-code.....	[]
13. Suppress Fly Buys check digit on receipt & transaction....	[]
14. Prompt for Customer's ID on Save Transaction.....	[]
15. Cashier file is resident on POST.....	[X]
16. Bad Account File is resident on POST.....	[X]
17. Euro Rate.....	0.235640
18. Key-in Fly Buys number without check digit.....	[]
19. "Payment amount" prompt defaults to "balance due" amount..	[X]

[F2] Update

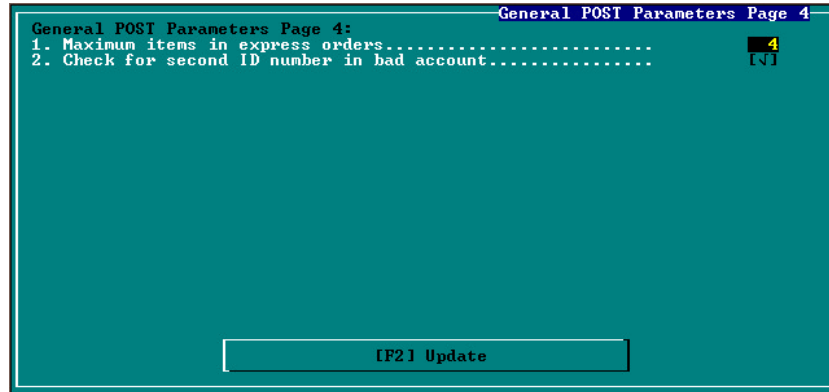
Parameter	Description
Check Guarantee Functionality	Not implemented.
Times to Swipe Card before Manual Entry (Member Card)	The number of card swipe attempts before cashier is forced to manually key in Member Card account number.
Seconds before Credit Card Number can be Entered (Member Card)	You can set the 'swipe card' prompt to timeout after a set period. This forces manual Member Card account number entry.
Force ZEROS on Coupon Number	Not used.
Cash in Drawer Limit	This parameter serves to set a limit for the amount of cash in the POS terminal cash drawer. When this amount is exceeded, a warning sign starts blinking on the terminal display. This sign disappears after performing a cash pick up. This parameter is also used in the Over Limit Cashiers report.

Parameter	Description
Foodstamps in drawer limit	Enter a Foodstamps in drawer limit. If this limit is exceeded, three flashing asterisks will appear at the top of the POS Terminal screen. (Similar to cash in drawer limit with the three flashing triangles).
Maximum Number of Digits for Department Value	Limit cashier entry of department amounts.
Maximum Number of Digits for Media Value	Limit cashier entry of tender amounts.
Sales Printer Sound	Select the required option. The options are: ^a None: no beep. ^a Always: beeps with every item. ^a Buffer printing: allows buffer printing without the beeps.
Supervisor Privileges, 1 through 8	Not used.
In-house account type	Select the appropriate type.
Password required with cashier bar-code	Check this parameter in order for the system to request cashier password when signing on with cashier bar-code
Suppress Fly Buys check digit on receipt & transaction	Suppresses printing of Check Digit on receipt and transaction.

Parameter	Description
Prompt for customer's ID on Save Transaction	Check this to enable cashier to enter the customer's ID before saving a transaction. Recalling a transaction can also be done by entering the customer's ID. The customer ID prints on the saved ticket. If cashiers don't want to enter the customer's ID or if the customer does not have ID available, they may select 'No' when prompted. Recall the transaction in three ways: ^a Enter the Terminal and Ticket numbers ^a Enter the Customer's ID ^a Scan the barcode Note Recalling a saved transaction by entering the Customer ID number takes a while longer.
Cashier file is resident on POST	Optionally use this parameter to load the cashier file onto the POS terminals. This provides better control of offline cashier sign-on. When POS terminals are offline, cashier passwords are validated against the cashier file which is resident on the POS Terminal. Notes If you uncheck this option, POS terminals will receive cashier data from the Back Office when cashiers sign on or when supervisor authorization is required. If your store works with the parameter 'System integrity in system', add the EMPL.QDX file to the QDX Files Checksum Table in Field Engineer's Utilities. Loading a large Cashier File onto the POS Terminal takes up memory and can affect performance.

Parameter	Description
Bad Account File is resident on POST	Optionally use this parameter to load the Bad Accounts file onto the POS Terminal. To load the file onto the POS Terminal for the first time, you must either perform a Cold Start or run a general batch file which will insert all bad account records. Maintenance is sent to the POS Terminal any time a change is made to the bad accounts file in the Back Office via Bad Account Maintenance. Any changes made to Bad Accounts through General Batches, generates maintenance to POS Terminals. While in offline mode, bad accounts are validated against the Bad Accounts File which is resident on the POS Terminal. Notes Loading a large Bad Accounts File onto the POS Terminal takes up memory and can affect performance. If your store works with the parameter 'System integrity in system', add the ACCT.QDX file to the QDX Files Checksum Table in Field Engineer's Utilities.
Euro Rate	This parameter is applicable only for Windows POS systems.
Key-in Fly Buys number without check digit	Fly Buys card numbers may be entered as thirteen or sixteen digit numbers with or without the check digit.
'Payment amount' prompt defaults to 'balance due' amount	This parameter is applicable only for Windows POS systems.

General POST Parameters 4



General POST Parameters Page 4:

1. Maximum items in express orders..... 4

2. Check for second ID number in bad account..... [N]

F21 Update

Parameter	Description
Maximum items in express orders	Enter the maximum number of items for the system to recognize a sale as an express order.
Check for second ID number in bad account	Select this if you want the system to prompt cashiers to enter a second ID number when customers pay by check.

Sign On/Off, Secure

Sign On/Off, Secure

Sign-On:

- 1. Password required at sign-on..... [Y]
- 2. Change password allowed at sign-on..... [Y]
- 3. Automatic open drawer at sign-on..... [Y]

Sign-Off:

- 1. Report required at sign-off..... Name&No. on Audit [Y]
- 2. Change password allowed at sign-off..... [Y]
- 3. Automatic open drawer at sign-off..... [Y]
- 4. Delay (in seconds) for open drawer alarm after sign off. 0
- 5. Password required at sign-off..... [Y]

Secure Mode:

- 1. Number of minutes before automatic secure mode..... 0
- 2. Automatic Secure Mode/Automatic sign-off..... Secure [Y]

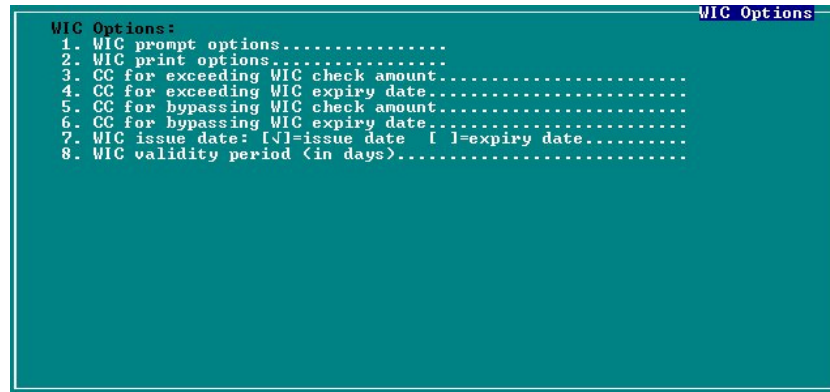
[F2] Update

This screen contains parameters for controlling sign on, sign off and secure mode operations at POS terminals.

Parameter	Description
Password Required at Sign On	If this parameter is checked, the cashier must enter a password when signing on to POS terminal. If blank, password is not prompted for when signing on to POS terminal.

Parameter	Description
Change password allowed at sign-on	Check to allow cashiers to change their password at sign-on.
Automatic Open Drawer at Sign on	Check this parameter to have the cash drawer open automatically with each sign-on.
Report Required at Sign Off	Select the type of report to be printed at sign off. The possibilities are: ^a No report: No report printed. ^a X-read on Receipt: X-read prints on receipt and audit tape. ^a Name & No. on Receipt: Only the cashier's name and number print on receipt and audit tape. ^a X-read on Audit: X-read prints on audit tape. ^a Name & No. on Audit: Only the cashier's name and number print on audit tape.
Change Password Allowed at Sign Off	Check this parameter if the cashier's password can be changed at sign off. For further explanations, refer to the POS Terminal User's Guide.
Automatic Open Drawer at Sign-off	Check this parameter if you require the cash drawer to open automatically with each sign-off.
Delay (in seconds) for Open Drawer Alarm after Sign-Off.	Specify the number of seconds after sign off, to sound the drawer-open alarm.
Number of Minutes Before Automatic Secure Mode	A register automatically enters secure mode or signs off (see next parameter) after a predefined number of minutes without operator use. Enter the number of minutes. 00 means that this function is not in use. POS must be manually put into secure mode by the cashier.
Automatic Secure Mode/Automatic Sign Off	Select Sign Off or Secure to determine whether register automatically signs off or switches to secure mode, after the minutes specified in the 'Number of Minutes Before Automatic Secure Mode' parameter.

WIC Options



This screen contains parameters controlling the WIC options.
(Women, infants, children.)

Parameter	Description
WIC Prompt Options	This field determines whether the system prompts for WIC check amount and expiration date. Select one of the following: - a No extra prompt - a Prompt for Amount - a Prompt for Expiration Date - a Prompt for Amount and Expiration Date

Note

If you select prompts for expiry dates and then select 'WIC issue date' below, the POS terminal prompts for issue date.

Parameter	Description
WIC Print Options	This field determines whether the system prints the WIC check amount and expiration date. Select one of the following: - à No extra print - à Print Amount - à Print Expiration Date - à Print Amount and Expiration Date Note If you select print options for expiry dates and then select 'WIC issue date' below, the POS terminal prints issue date.
CC for Exceeding WIC Check Amount	Specify the control check to be triggered if the WIC voucher amount is equal to the actual subtotal amount of the transaction.
CC for Exceeding WIC Expiry Date	Specify the control check to be triggered if the WIC voucher date has expired.
CC for Bypassing WIC Check Amount	Specify the control check to be triggered if no amount is entered.
CC for Bypassing WIC Expiration Date	Specify the control check to be triggered if no date is entered.
WIC Issue Date	Check this parameter if you want the system to check WIC <i>issue</i> date, instead of <i>expiry</i> date.
WIC Validity Period (in Days)	Use this parameter together with the WIC Issue Date, above. Enter the number of days for which the WIC check is valid, taken from the check's date of issue. If the validity period is exceeded, the POS terminal triggers the control check for exceeding WIC expiry date.

Tax, Food Stamp Options

Tax Options:

- 1. Number of rates to accumulate amounts..... 8
- 2. Tax rates to be set ON for the Tax Reversal:
 - 1.[N] 2.[N] 3.[N] 4.[N] 5.[N] 6.[N] 7.[N] 8.[N]
- 3. Total (<1> or individual<[N]> tax on receipt..... []
- 4. Allow cashier to select specific tax for tax exempt.... [N]
- 5. Allow cashier to select specific tax for tax reversal... [N]
- 6. Don't print tax report if tax is zero..... []

Food Stamp Options:

- 1. Any F/S eligible items paid with F/S is tax forgiven... [N]
- 2. Any F/S tender forgive tax on all F/S Elig. items <NJ>.. []
- 3. Allow non whole-Dollar food stamps..... []
- 4. Food stamp tender number..... 12
- 5. Print F/S subtotal on receipt if F/S tendered..... [N]
- 6. Limit F/S eligible to Bal. Due..... [N]
- 7. Forgive tax on vendor coupons if F/S tendered..... []

[F2] Update

This screen contains parameters concerning taxes and food stamps.

Parameter	Description
Number of Rates to Accumulate Amounts	Specify the number of tax rates to accumulate taxable amounts. If 0, no tax rates are accumulated, except for tax rate 1. If 8, all taxes with a tax rate are accumulated. If 1-7, then the first 1-7 rates are used to accumulate taxable amounts.
Tax Rates to be checked for Tax Reversal	Check the tax rates (1 to 8) to be checked for items without tax, when the <Tax Reversal> key is used. For more explanations, refer to the POS Terminal User's Guide.

Parameter	Description
Total or Individual Tax on Receipt	If this parameter is checked, each tax rate is detailed on the receipt. If blank, only total tax amount prints on receipt.
Allow Cashier to select Specific Tax for Tax Exempt	If this parameter is checked, the terminal allows the cashier to enter an item's (specific) tax rate when using the Tax Exempt option.
Allow Cashier to select Specific Tax for Tax Reversal	If this parameter is checked, the terminal allows the cashier to enter an item's (specific) tax rate when using the Tax Reversal option.
Any F/S Eligible Items Paid With F/S is Tax Forgiven	Check this parameter if no tax should be charged for a food stamp eligible item that was paid for with food stamps.
Any F/S Tender Forgive Tax on All F/S Elig. Items (NJ)	Check this parameter if no tax should be charged for food stamp eligible items, when any part of a transaction is tendered with food stamps. The 'Any F/S Eligible Items Paid With F/S is Tax Forgiven' parameter must be checked for this option to be used.
Allow Non Whole Dollar Food Stamps	Check this parameter if food stamps may be tendered in non-whole amounts (e.g. 4.99).
Food Stamp Tender Number	Enter the number of the tender type defined for food stamps. See 'Tender Types' in the 'File Maintenance' chapter.
Print F/S Subtotal on Receipt if F/S tendered	Check this parameter if the subtotal of Food Stamp items should be printed on the receipt.
Limit F/S eligible to Bal. Due	Limits the food stamp balance due amount to Food Stamp eligible amount.
Forgive Tax on Vendor Coupons if F/S Tendered	Exempts tax on vendor coupons if Food Stamps tendered.

Frequent Shopper, Options

Frequent Shopper Options:		Frequent Shopper Options	
1.	Freq. Shop. feature in use.....	[]	[]
2.	Enhanced frequent shopper feature in system.....	[]	[]
3.	Freq. Shop. range, From:.....	1	
4.	To :.....	9999999999999999	
5.	Use Freq. Shop. No. for Check Tender account number.....	[]	[]
6.	Freq. Shop. merchandising feature.....	None	[]
7.	Freq. Shop. minimum purchase amount.....	.00	
8.	Control Check for not meeting minimum purchase for F/S..	0	
9.	Control Check to bypass Frequent Shopper.....	0	
10.	Freq. Shop. Disc. to be applied to per item price (MSU).....	[]	[]
11.	Use Freq Shopper number as member card number.....	[]	[]
12.	Do not prompt for Freq Shopper at the beginning of a ticket....	[]	[]
13.	Apply Freq Shopper discount also with any manual price entries..	[]	[]
14.	Print Frequent Shopper discount total only (no details).....	[]	[]
15.	Frequent Shopper receipt template same as member promotion.....	[]	[]
16.	Frequent shopper discounts do not reduce net sales.....	[]	[]

[F2] Update

This screen contains parameters for controlling frequent shopper options.

Parameter	Description
Freq. Shop. Feature in Use	If this parameter is checked, the cashier must enter a frequent shopper number or press <Enter> to be able to continue with the transaction. For further explanations, see POS Terminal User's Guide.
Enhanced frequent shopper feature in use	Check this to enable the enhanced frequent shopper feature in system. The two enhancements are: - a Swiping Frequent Shopper card during a ticket. - a Frequent Shopper item limit

Notes

The parameters 'Frequent Shopper feature in use' and 'Enhanced frequent shopper feature in system' may not both be checked at the same time.

The Enhanced Frequent Shopper feature in system may not be set if your software key (plug protection) does not allow for it.

Parameter	Description
Freq. Shop. Range, From:	Specify the beginning number of the range of frequent shopper numbers allowed at the POS terminal. The frequent shopper number can be up to 13 digits.
Freq. Shop. Range, To:	Specify the end number of the range of frequent shopper numbers allowed at the register. The frequent shopper number can be up to 13 digits.
Use Freq. Shop. No. for Check Tender Account Number	Depending on this parameter, the system will or will not prompt to use Frequent Shopper number for the account number of a frequent shopper, during check tendering. If the parameter is checked: If a frequent shopper number is entered at the start of a transaction, the POS terminal does not prompt for an account number during check tendering. The frequent shopper number entered at the start of the sale is used as the account number. If parameter not checked: The POS terminal always prompts for an account number when tendering by check. The number is printed next to the price when a frequent shopper number is entered at the beginning of a transaction, and the item is discounted.
Freq. Shop. Merchandising Feature	This field determines what type of information is printed on the customer receipt: ^a None: No frequent shopper information prints on the receipt. ^a Character: The character specified in Frequent Shopper Print Character is used. ^a Text Line: The text specified in Frequent shopper receipt print line is used. ^a Text Line & Savings: Both the character and the text are used.
Freq. Shop. Minimum Purchase Amount	Minimum purchase required before frequent shopper benefits can be given. Zero means that no minimum purchase is required.

Parameter	Description
Control Check for not Meeting Minimum Purchase for F/S	Specify the control check to be executed if the frequent shopper minimum amount is greater than the total amount, which means that the customer is not eligible for the discount.
Control Check to Bypass Frequent Shopper	Specify the control check to trigger if the cashier tries to avoid entering of Frequent Shopper number. Like other control checks, this can be set to warning only, inhibit, or call for SVR or MGR keylock.
Frequent Shopper discount to be applied to per item price (MSU)	Check this so that Frequent Shopper Discount is applied per item and not to the MSU package price. Example: ^a MSU (Multiple Selling Unit) Two at the price of \$10 One item will cost \$5 If parameter is not checked, Frequent Shopper discount amount applies to the MSU package price. ^a MSU - Buy two items for \$10 Frequent Shopper discount is \$2 MSU will be two items for \$8 One item will cost \$4 If parameter is checked Frequent Shopper discount amount applies to the item price. MSU - Buy two items for \$10 Frequent Shopper discount (\$2) is deducted from the PLU item price (\$5) and not the MSU price, so One item will cost \$3

Parameter	Description
Use Frequent Shopper number as member card number	If the parameter is checked, and a Frequent Shopper card is swiped/scanned or entered, the POS Terminal recognizes the card as being a Member card and Frequent Shopper at the same time. The cashier only needs to swipe a card once during a sale. Note The number has to be set up in Card Range Maintenance as a Member Card. If the parameter is not checked, the POS Terminal recognizes the ticket as a Frequent Shopper sale only.
Do not prompt for Frequent Shopper at the beginning of a ticket	This works for enhanced frequent shopper only and prevents the frequent shopper prompt appearing at the beginning of a ticket.
Apply Frequent Shopper discount also with any manual price entries	Check this if you want to apply frequent shopper discounts to items with manual price entry.
Print Frequent Shopper discount total only (no details)	This parameter is applicable only for Windows POS systems.
Frequent Shopper receipt template same as member promotion	Select this checkbox if you want the Frequent Shopper receipt printed with the original item price, followed by the item's reduction amount (shown as a negative value).
Frequent Shopper discounts do not reduce net sales	Select this option so that the reports listed below will not net the department totals by frequent shopper discount: - à Department Report - à Expanded Department Reports - à Control Report A new line "Non-Netted Frequent Shopper" has been added to the first two Reports above. In the Expanded Department Reports, a new column has been added "Non-Netted Frequent Shopper".

Coupon Printing

Coupon Printing

Coupon Printing options:

1. Coupon printing in use.....	[]	
2. Maximum number of coupons to print per transaction.....	1	
3. Minimum purchase amount required.....		.00
4. Control Check for minimum purchase.....	20	

[F2] Update

The parameters on this screen are used for controlling coupon printing at POS terminals.

Parameter	Description
Coupon Printing in Use	Check this parameter if the coupon printing feature is being used.
Maximum Number of Coupons to Print per Transaction	Maximum number of coupons that can be printed per transaction (1 to 10).
Minimum Purchase Amount Required	Minimum purchase amount required for a coupon to be printed.
Control Check for Minimum Purchase	Specify the control check to be triggered, if the purchase amount is below the required minimum.

Control Check Options 1

Control Check options:		
1.	Bypass Control Check if conditions met.....	[F2]
2.	CC for printer paper low.....	Receipt: 4 Audit: 5
3.	CC for keying weighed items <no scale>.....	0
4.	CC for exceeding Cancel/Subtract limit.....	6
5.	Cancel/Subtract limit amount.....	50.00
6.	CC for transaction void.....	0
7.	CC for subtract next during item registration.....	0
8.	CC for item cancel during item registration.....	0
9.	CC for subtract Next/item cancel after completion.....	0
10.	CC for pressing item cancel during template/Slip print..	0
11.	CC for return transactions after completion.....	0
12.	CC for No-Sale within a transaction.....	0
13.	CC for No-Sale outside a transaction.....	0
14.	CC for a credit card tender that exceeds eligible amount	0
15.	CC for saving transactions with partial tender.....	0
16.	CC for price override.....	60
17.	CC for bypass check printing.....	96
18.	CC for bypass check endorsement.....	97
19.	CC for bypass tender template printing.....	0

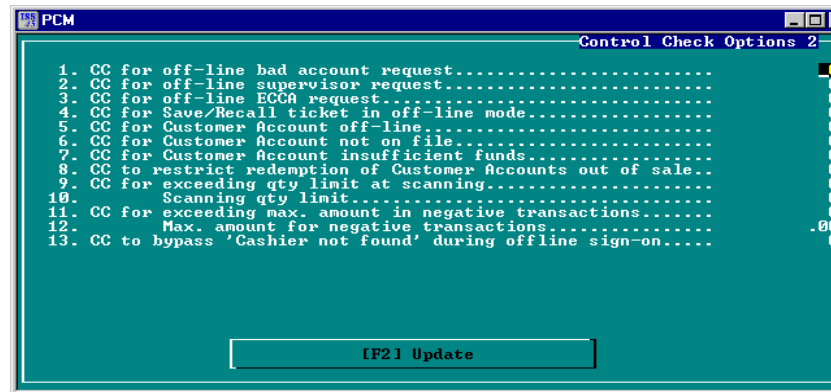
[F2] Update

The parameters on this screen are used to set control checks for various POS functions.

Parameter	Description
Bypass Control Check if Conditions Met	Check this parameter if you want the system to bypass existing control checks which require a physical key to be in a specific keylock position, if the key is already in the proper position. If blank, the control check is executed regardless of the key position.
CC for Printer Paper Low	Control checks to be triggered when receipt and audit paper is low.
CC for Keying Weighed Items (no scale)	Control check to be triggered after entering weight.
CC for Exceeding Cancel/Subtract Limit	Control check to be triggered when cancels and subtracts exceed limit amount specified in the following parameter. The message appears when tendering begins.
Cancel/Subtract Limit Amount	Limit amount for cancels and subtracts.

Parameter	Description
CC for Transaction Void	Control check to be triggered when the <Void> key is pressed.
CC for Subtract Next During Item Registration	Control check to be triggered when <Subtract> key is pressed during a transaction.
CC for Item Cancel During Item Registration	Control check to be triggered when the <Cancel> key is pressed for an item, during a transaction. The check is displayed before the item is canceled.
CC for Subtract Next/Item Cancel After Completion	Control check to be triggered after an item has been canceled, either via the <Cancel> or <Subtract> key. This control check works only as a warning.
CC for Pressing Item Cancel During Template/Slip Print	Control check to be triggered when POS prompts to 'insert slip or check' and the user bypasses the prompt by pressing <Item Cancel>.
CC for Return Transactions, After Completion	Control check to be triggered at the end of a return transaction. This check works only as a warning.
CC for No Sale Within a Transaction	Control check to be triggered for no- sale during a transaction.
CC for No Sale Outside a Transaction	Control check to be triggered for no- sale between transactions.
CC for a Credit Card Tender that Exceeds Eligible Amt	Control check to be triggered when credit card amount exceeds limit amount.
CC for Saving Transactions with Partial Tender	Control check to be triggered when a transaction is saved with partial tendering.
CC for Price Override	Control check to be triggered when the price <Override> key is pressed.
CC for Bypass Check Printing	Control check to be triggered when an attempt is made to avoid check printing.
CC for Bypass Check Endorsement	Control check to be triggered if the cashier does not insert the check for endorsement.
CC for Bypass Tender Template Printing	Control check to be triggered if the cashier does not insert the check for check-front printing.

Control Check Options 2



Parameter	Description
CC for Off-line Bad Account Request	Control check to be triggered if the POS terminal is off-line, and a bad account check should be done. The bad account file cannot be checked, but a supervisor or manager manually authorize the transaction.
CC for Off-line Supervisor Request	Control check to be triggered if the POS terminal is off-line, and a supervisor is required to authorize some kind of transaction.
CC for Off-line ECCA Request	Control check to be triggered if the POS terminal is off-line, and an ECCA check is made.

Parameter	Description
CC for Save/Recall ticket in off-line mode	Check this to enable Save/Recall activities at the POS Terminal in offline mode. Each ticket saved in offline mode is stored in the directory: C:\PCMPOS\QDX with the file name: PXXXXYYY.SAV where XXX represents the POS number and YYY represents the ticket number. Transactions saved in offline mode can only be recalled from the POS Terminal they were saved on. The ticket shows the POS Terminal number from where the Recall must be done. Note The End of Day process deletes *.SAV files from the POS Terminal. This means that tickets can be recalled only for the current day. During offline mode you can only recall tickets that were saved in offline mode. Save/Recall in offline mode can be performed by using the Customer's ID.
CC for Customer Account off-line	Enter the Control Check number to trigger when the POS Terminal is off-line.
CC for Customer Account not on file	Enter the Control Check number to trigger when the Customer Account number entered does not exist on the file.
CC for Customer Account insufficient funds	Enter the Control Check number to trigger when the Customer does not have enough credit to cover the purchase.
CC to restrict redemption of Customer Accounts out of sale	Not in use.
CC for exceeding qty limit at scanning	Enter the Control Check number to trigger when the scanning quantity limit has been exceeded.
Scanning qty limit	The quantity limit for scanning or manually keying in items.

Parameter	Description
CC for exceeding max. amount in negative transactions	Enter the Control Check number to trigger when the ticket amount exceeds the <i>maximum amount allowed for negative transactions</i>. The POS Terminal checks if the amount has been exceeded only when the <i>Total</i> key is pressed.
Maximum amount for negative transactions	Enter the maximum amount allowed for negative transactions to be performed on the POS Terminal. Once the value has been exceeded, the Control Check is triggered.
CC to bypass 'cashier not found' during offline sign-on	If you enable the parameter 'Cashier File is resident on POST', you can use this Control Check to bypass the message 'Cashier not found' when signing on in offline mode.

Var. Price/Weight Item Codes 1

Variable Price/Weight options p.1:		Var. Price/Weight Item Codes 1		
Starting Digits	02	04	99	
Code in use	☐	☐	☐	
PCDU required	☐	☐	☐	
Digits in price	4	4	0	
Decimal places	2	3	0	
Price ☐ or Weight ☐	☐	☐	☐	

The first two digits of the PLU item number may be used to represent an item price or a weight. For example, items whose numbers begin with the digits 02 weigh 1 pound; items whose numbers begin with 04 are sold for \$.99. This is called a 'variable price/weight' code. The price/weight codes are fixed by the system, and they can be used as required.

The codes are 02, 04, 99, 20 through 29. In order to use any of these price/weight codes for PLU items, a number of parameters have to be defined. Parameters for the codes 02, 04, and 99 are defined via the Variable Price/Weight Item Codes 1 option. Parameters for the codes 20 to 29 are defined via the Variable Price/Weight Item Codes 2 option.

The Variable Price/Weight Item Codes 1 parameter screen displays the starting digits (price/weight codes) 02, 04 and 99.

Note

With UPC2, zero-priced items are allowed.

Set the following parameters for each of the codes to be used.

Parameter	Description
Code in Use	This code is used, meaning that a variable weight or price is encoded in the PLU number.
PCDV Req'd.	Check this parameter if price check digit verification is required.
Digits in Price	Greatest number of digits in UPC price or weight field.
Decimal Places	Number of decimal places for price or weight field in UPC.
Price or Weight	Check this field if the code denotes a variable weight. Leave blank, if the code denotes a price.

Var. Price/Weight Item Codes 2

Variable Price/Weight options p.2: Var. Price/Weight Item Codes 2

Starting Digits	20	21	22	23	24	25	26	27	28	29
Code in use	[N]	[N]	[N]	[N]	[]	[N]	[]	[]	[]	[]
PCDU required	[]	[]	[]	[N]	[]	[]	[]	[]	[]	[]
Digits in price	4	4	5	4	0	4	0	0	0	0
Decimal places	2	2	2	2	0	2	0	0	0	0
Price [] or Weight [x]	[N]	[]	[]	[N]	[]	[]	[]	[]	[]	[]

[F2] Update

This screen displays the starting digits 20 to 29 (price/weight codes). Set the parameters for the codes to be used. For instructions, refer to 'Variable Price/Weight Options 1', above.

Restricted Sale Birthday Validation

Restricted Sale Birthday Valid.					
Restricted Sale/Birthday options p.1:					
1. Restricted Sale/Birthday feature in use.....					[F]
2. Prompt to accept birthday.....					[F]
3. CC for bypassing birthday prompt.....					70
4. Birthday validation print option.....				Receipt	[F]
Restricted Sale/Birthday department layouts:					
	1	2	3	4	5
Department Number	1	0	0	0	0
Set No <1-3>	0	1	2	0	0
CC Restricted sale	0	42	7	89	90
Age required	18	0	0	14	34
CC Birthday val.	72	0	0	8	5
[F2] Update					

The Restricted Sale/Birthday Validation feature allows you to implement department-based validation on restricted items such as liquor and cigarettes. This feature can be set up in one of three ways:

- The sale of an item can be restricted at a certain time of the day (restricted sale).
- The sale of an item can be restricted to individuals who have reached a certain age (birthday validation).
- The sale of an item can be restricted both by the time of day and the age of the customer (restricted sale and birthday validation).

You can set restrictions for up to ten departments. All items in the restricted departments are subject to validation. Validation occurs both upon department and item code entry, at a POS terminal.

In the upper part of the screen, set the following parameters.

Parameter	Description
Restricted Sale/Birthday Feature in Use	Check this parameter, if the Restricted Sale/Birthday feature is being used. A restricted sale means the item can only be purchased at a particular time of day (e.g., beer, wine). A birthday validation means the item can only be purchased by an individual of a particular age.
Prompt to Accept Birthday	Check this parameter if you want the POST to ask the cashier for birthday verification.
CC for Bypassing Birthday Prompt	The control check to be executed if the cashier does not enter a birth date for birthday validation.
Birthday Validation Print Option	This field determines whether the birth date is printed on the receipt or audit tape or both. Select the required option.

In the lower part of the screen, you can set restrictions for 5 departments. Each of the columns refers to a department. Enter the following information for each department.

Parameter	Description
Department Number	Enter the number of the department to be restricted. Whenever this restricted department is rung up on the register, the validation process is executed.
Set No.	Enter the layout number (1, 2 or 3). This number refers to the layouts defined via the Restricted Sales Times option (see relevant section, later in this chapter). This number determines the selling times allowed for this restricted department. If this field is set to zero, then the restricted sale time option is not used for this particular department.
CC Restricted Sale	If you entered a layout number in the previous field, you can set up a control check on this department. This control check triggers if an item is being purchased at an invalid time of day. If you enter 0 for a control check, no check is executed and all customers are allowed to buy items regardless of the time of day.
Age Required	Enter the minimum age required (1-99), for a customer to purchase restricted items in this department. Enter 0 to disable the birthday validation option for this department.
CC Birthday Val	If you entered an age in the previous field, you can set up a control check on this department. This control check triggers if the customer has not yet reached the age to purchase items in this department. If you enter 0 for a control check, no check is executed and all customers are allowed to buy items regardless of their age.

Restricted Sale Layouts

Restricted Sale/Birthday options p.2: Restricted Sale Layouts

Restricted Sale/Birthday department layouts:

	6	7	8	9	10
Department Number	0	0	0	0	0
Set No <1-3>	0	0	0	0	0
CC Restricted sale	0	0	0	0	0
Age required	0	0	0	0	0
CC Birthday val.	0	0	0	0	0

[F2] Update

This screen allows you to set restrictions for five additional departments. For instructions, see 'Restricted Sale Birthday Validation', above.

Restricted Sale Times

Restricted Sale Time Set 1				
	Start-1	Stop-1	Start-2	Stop-2
Monday - Thursday	08:00	20:00	00:00	00:00
Friday	12:00	23:00	00:00	00:00
Saturday	12:00	23:00	00:00	00:00
Sunday	12:00	23:00	00:00	00:00

Set Valid Days:

Mon	Tue	Wed	Thu	Fri	Sat	Sun
[X]	[X]	[X]	[X]	[X]	[X]	[X]

[F2] Update [F6] Next Page

This screen allows you to define up to three sets of selling times for restricted departments. The relevant time layout number (1, 2 or 3) for a department is entered via the Restricted Sale Birthday Validation and Restricted Sale Layouts screens.

You can set up two sets of 'start' and 'stop' selling times for different days of the week. In each set you can specify selling times, separately for weekdays (Monday to Thursday), Fridays, Saturdays and Sundays. For each of these, enter the start and stop time. Enter the times in a 24-hour format (i.e., noon = 1200 and midnight = 2400). If needed, enter a second 'start' and 'stop' time.

After setting selling times, press *F2* to record the definitions.

Restricted Sale Special Dates

This option allows you to restrict sales on dates and times you specify.

Once you specify dates and times you can link to previously-defined layouts. These layouts contain specific rules, for example, which departments or items are restricted.

No.	Date	Start-1	Stop-1	Start-2	Stop-2	Link No.
1	11/07/1996	09:41	17:00	00:00	00:00	VNNNNNNNNN
2	12/12/1996	00:00	00:00	00:00	00:00	NNNNNNNNNN
3	03/05/1994	00:00	00:00	00:00	00:00	NNNNNNNNNN
4	00/00/00	00:00	00:00	00:00	00:00	NNNNNNNNNN
5	00/00/00	00:00	00:00	00:00	00:00	NNNNNNNNNN
6	00/00/00	00:00	00:00	00:00	00:00	NNNNNNNNNN
7	00/00/00	00:00	00:00	00:00	00:00	NNNNNNNNNN
8	00/00/00	00:00	00:00	00:00	00:00	NNNNNNNNNN
9	00/00/00	00:00	00:00	00:00	00:00	NNNNNNNNNN
10	00/00/00	00:00	00:00	00:00	00:00	NNNNNNNNNN

[F2] Update [F8] List

Tare Weight Parameters (1-30)

This option serves to define tare weights for weighed items. Tare weight is the weight of a container that is deducted from the gross weight of the item to obtain the net weight.

For a tare weight to be deducted from a weighed item, the following must be performed in the item record:

- The Weighed Item parameter must be checked.
- The tare code representing the weight of the container must be entered in the Tare Weight field.

For example, if an item is sold by weight, and its container weighs .25 pounds, then a tare weight needs to be set up at 0.25. In the PLU record, specify that this item is weighed. Then enter the tare code representing 0.25 in the Tare Weight field. This automatically subtracts 0.25 from the item weight entered at the POS terminals.

Tare codes can be defined in terms of weight or percentages. Tare codes 1-30 are allocated for tare weights. Tare codes 31-60 are allocated for tare percentages.

To define tare weights, select Tare Weight Parameters (1-30) from the POST Parameter File 1 menu. The Tare Weight Parameters (1-30) screen displays.

No.	Description	Weight
1		.250
2		.500
3		.750
4		1.000
5		.000
6		.000
7		.000
8		.000
9		.000
10		.000

Buttons: [F2] Update, [F3] Cancel

Footer: 12/31/1998 14:19:12 Copyright Fujitsu-ICL Inc.

➤ **To enter a new tare weight or update an existing one**

- 1 Move the cursor to the required code, using the *Enter*, *Tab* or *Down Arrow* keys.
- 2 Type or overwrite the weight, up to four digits. Do not type in the decimal point. For example, for 1 pound, type 1000. This displays as 1.000. If the unit of measurement used for weight is pounds, the tare weight displays on the POS terminal with two digits after the decimal point. If the unit is kilograms, it displays with three digits after the point.
- 3 Press *F2* to update the definition.

% Tare Weight Parameters (31-60)

This option serves to define tare weight percentages for weighed items. It works in the same way as described above, however, the tare weight subtracted from an item must be defined here as a percentage of the item weight.

To define tare weight percentages, select % Tare Weight Parameters (31-60), from the POST Parameter File 1 menu. The % Tare Weights Parameters screen displays.

No.	Description	Weight
31	31	.000%
32	32	.000%
33	33	.000%
34	34	.000%
35	35	.000%
36	36	.000%
37	37	.000%
38	38	.000%
39	39	.000%
40	40	5.000%

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

12/30/1998 11:17:00 Copyright Fujitsu-ICL Inc.

- To enter a new tare weight percentage or update an existing one
- 1 Move the cursor to the required code, using the *Enter*, *Tab* or *Down Arrow* keys.
 - 2 Type or overwrite the percentage, up to four digits.
 - 3 Press *F2* to update the definition.

Signs

Parameter	Description
1. Currency.....	\$
2. Minus.....	-
3. Decimal.....	.
4. Format.....	%
5. Non taxable print character.....	N
6. Multiple tax print character.....	M
7. Food Stamp print character.....	F
8. Non Food Stamp print character.....	C
9. Cost Plus print character.....	C
10. Non Cost Plus print character.....	*
11. Frequent Shopper print character.....	*
12. Non Frequent Shopper print character.....	*
13. Print currency on check (Dollar).....	\$
14. Print currency on check (Cents).....	c
15.	
16.	
17.	
18.	

IF21 Update

This screen contains parameters for setting the various signs to be printed at POS terminals.

Parameter	Description
Currency	The currency sign to be used.
Minus	The minus sign to be used.
Decimal	The sign to be used for decimal quantity input (usually a point).
Format	The format sign to be used.
Non Taxable Print Character	The sign to print on receipt and audit tape for non taxable items (usually space).
Multiple Tax Print Character	The sign to print on receipt and audit tape when two or more taxes are applicable.

Parameter	Description
Food Stamp Print Character	The character to be printed next to a food stamp eligible item.
Non Food Stamp Print Character	The character to be printed when a sale is not a food stamp.
Cost Plus Print Character	The character to be printed next to a Cost Plus item or department.
Non Cost Plus Print Character	The character to be printed when a sale is not a Cost Plus item or department.
Frequent Shopper Print Character	The character to be printed next to an item that has a Frequent Shopper discount.
Non Frequent Shopper Print Character	The character to be printed when a sale does not have a Frequent Shopper discount.
Print currency on check (Dollar)	For Check printing, enter the text to print on the check. For example, 'Dollars'.
Print currency on check (Cents)	For Check printing enter the text to print on the check. For example, 'Cents'.

POST Parameters 2

This option provides access to screens where you can enter the retailer information to be printed on multi-part receipts, when tendering with a credit card. POST User hooks, page 1, 2 and 3, can also be accessed from this menu. See the Custom Links Manual for more information.

To access the Retailer Information option, select POST Parameters 2 in the System Parameters menu. The Post Parameter File 2 menu displays.



Each option on this menu leads to a screen containing a group of parameters. Select the required option to display the parameters screen. Refer to the relevant section below, for parameter descriptions.

Retailer Information 1-3

```
Retailer information number 1:
Line number 1.....MASTER CARD BUSINESS
Line number 2.....YOUR STORE NAME
Line number 3.....
Line number 4.....
Line number 5.....

Retailer information number 2:
Line number 1.....AMERICAN EXPRESS
Line number 2.....YOUR STORE NAME
Line number 3.....
Line number 4.....
Line number 5.....

Retailer information number 3:
Line number 1.....DINERS CLUB
Line number 2.....YOUR STORE NAME
Line number 3.....
Line number 4.....
Line number 5.....

[F2] Update
```

This screen enables you to enter the details of three credit card retailers. For each retailer, you can enter up to 5 lines of information. These lines are printed on a multi-part receipt below the header, during a transaction with a credit card.

After entering retailer information, you need to link it to the corresponding tender type. This is done via the Retailer Information field in the Tender Types option

Type in the required information in the 5 lines available for each retailer, and press *F2* to record the definition.

Retailer Information 4-5

Retailer information number 4:
Line Number 1.....
Line number 2.....
Line number 3.....
Line number 4.....
Line number 5.....

Retailer information number 5:
Line number 1.....
Line number 2.....
Line number 3.....
Line number 4.....
Line number 5.....

[F2] Update

This screen allows you to enter retailer information for two more credit card retailers. For details, refer to Retailer Information 1-3 above..

POST User Hooks

POST user hooks are user-definable applications which can be activated before, or after, certain functions in the POS terminals.

To access this option, select POST User Hooks, page 1, 2 or 3, from the POST Parameter File 2 menu.

The three pages list parameters which are used to activate pre-defined user hooks.

Customer Display Messages

This option is used to customize the messages appearing on the customer display. Different messages can be programmed to display for the POS terminal when in a 'closed' state, as well as in 'next customer' (sales) state.

To access this option, select Customer Display Messages from the Post Parameter File 2 menu. The Customer Display Messages screen appears.

```

Customer Display Messages

Customer Display Message for "POS CLOSED":
Width (Note:if bigger than customer display width, message will scroll):21
Line Text
1 This Lane is Closed
2 ~~~~~
3
4

Customer Display Message for "NEXT CUSTOMER":
Width (Note:if bigger than customer display width, message will scroll):36
Line Text
1 Next Customer Please ...
2 ~~~~~*
3
4

[F2] Update
  
```

The screen has two main sections. The top section is used for programming the customer display in 'POS CLOSED' state, and the bottom section for 'NEXT CUSTOMER' state.

There are four lines available for messages, however, if you are using a two-line display, only two messages can be displayed.

Messages may consist of any alphanumeric character, and can be in upper or lower case.

➤ To program the customer display

- 1 Type in the required width of the message for the 'POS CLOSED' state. (Maximum of 49 characters).

Notes

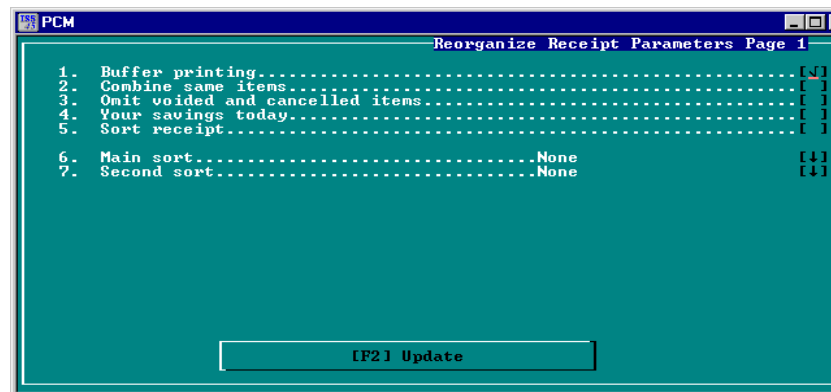
If the width entered is greater than the customer display width, the message scrolls, or if zero (0), the PPM standard message displays.

- 2 The width entered above must be at least the width of the message you type in, or it does not display correctly.

- 3 Type in the messages for 'POS CLOSED' in lines 1 to 4 as required.
- 4 To enter messages for the 'NEXT CUSTOMER' state, repeat the above procedures.
- 5 To clear a message, just delete it with the *Space Bar* or *Delete* key.
- 6 Press *F2* to update the definition.

Reorganize Receipt

The Reorganize Receipt option is used to give you maximum flexibility over the organization and order of sales information on the customer receipt. You can also print summaries of customer savings. To access this option, select Reorganize Receipt from the POST Parameter File 2 menu. The Reorganize Receipt screen displays.



Define the following parameters.

Parameter	Description
Buffer Printing	Check this parameter to store transaction information in the printer buffer (memory), until completion of the transaction. Use this option to enable sorting of the items. When buffered printing is enabled, the printer beeps each time an item is entered. You can, if required, set up the POS terminal back office menu to include the function 'Abort buffer printing'.

Parameter	Description
Combine Same Items	If you check this parameter, multiples of an item print as one entry on the receipt, regardless of the order in which they are rung up. This option works only if you select Buffer Printing. Example: ORANGE JUICE 3 @ \$2.99 \$8.97 NOODLES 2 @ \$1.50 \$3.00 STRAWBERRY YOGURT 5 @ \$1.65 \$8.25
Omit Voided and Canceled Items	Check this parameter to avoid printing voided and canceled items. This works only if you select Buffer Printing.
Your Savings Today	If you want to print this text line with the relevant savings description and amount, check this parameter. If items on promotion, reduction or offer have been rung up, the relevant message prints. Example: YOUR SAVINGS TODAY! TTL DISCOUNTS SAVINGS TTL REDUCTIONS SAVINGS TTL PROMOTIONS SAVINGS TTL OFFERS SAVINGS
Sort Receipt	If you want the receipt sorted, (see options below), check this parameter. To sort receipts, you must check the Buffer Printing parameter.

Parameter	Description
Main Sort	Select one of the sort options from the drop-down list: - à None - à Department Name - à Department Name + Total - à Item Name - à Price Ascending - à Price Descending - à Department Number
Second Sort	- à None - à Alpha - à Ascending Price - à Descending Price

For examples of receipt layout possibilities, see the 'Sales' chapter in the POS Terminal User's Guide.

Rounding Parameters

This option is used to define the rules for rounding up, or down, the balance due by the customer. This influences the change amount due to the customer. Rounding is normally, but not necessarily, applied to cash tenders. There is a parameter in Tender Types Maintenance which you must check to enable this function.

Example: If only one cent is due in change, the system can round this down to zero, or if four cents, round up to five.

To access this option, select Rounding Parameters from the POST Parameter File 2 menu. The rounding parameters screen displays.

Cents.....▶	0	1	2	3	4	5	6	7	8	9
Round To.....▶	0	0	0	5	5	5	5	5	10	10

F2] Update

➤ To set up rounding parameters

- 1 Press *Enter* or *Tab* to move the cursor to the required cent value.
- 2 Type in the appropriate rounding value for each cent value. For example: For one cent, you may decide to round *down* to zero. In this case enter 0 under 1. To round *up* from 4 cents to 5 cents, enter 5 under the 4.
- 3 Press *F2* to update the definition.

Member Card and Promotion

This menu contains options for Member Card and Member Promotion.

Member Card

This option leads to the parameters required for Member Cards.

To access this option, select Member Card from the Member Card and Promotion menu in POST Parameter File 2. The Member Card screen displays.

Parameter	Value	Field Type
1. Redemption end date.....	12/31/1997	Date
2. Pending redemption start date.....	01/01/1997	Date
3. Redemption tender.....	MEMBER REWARD	Text
4. Redemption option.....	Use partial redemption amount	Checkbox
5. Qualified spend option.....	Print QF for Member Card customers only	Checkbox
6. Member Card in system.....		Checkbox
7. Member Card number includes check digit.....		Checkbox
8. Key-in Member Card number without check digit.....		Checkbox
9. Allow scanning of Member Card during a transaction.....		Checkbox
10. Member Card name in system.....		Text
11. Redemption points value : 10 points = 5.00 (value)		Text
12. Display Member name on customer display.....		Checkbox
13. Display Member name on cashier display.....		Checkbox
14. Print Member name on receipt.....		Checkbox
15. Length of secondary ID number (CCMS only).....	0	Text

[F2] Update

Enter or check the following parameters as appropriate.

Parameter	Description
Redemption End Date	Not used.
Pending Redemption Start Date	Not used.
Redemption Tender	Select from the drop-down list. This is the tender you could choose to pay when redeeming customer points.
Redemption Option	When redeeming customer points, you can either redeem ALL points, or a partial amount. Select the appropriate option.
Qualified Spend Option	Select the appropriate option from the drop-down list. Ⓐ Print QF for Member Card customer Ⓐ Print qualified spend amount Ⓐ Print QF on all receipts Ⓐ Print on all receipts including Member Card. Ⓐ As option 1 + Member Card points Ⓐ As option 2 + Member Card points Ⓐ Print only TOTAL POINTS (TFS) If this is not checked, a non-Member Card receipt does not print any reference to Member Cards or points that could have been earned. If checked, a non Member Card receipt prints a 'sign up for Member Card' message, as well as the points a Member Card sale would have earned.
Member Card in system	Check to enable member card in system.
Member Card number includes check digit	Specifies that member card numbers include check digit.
Key-in Member Card number without check digit	Allows cashiers to manually enter member card numbers without check digit.

Parameter	Description
Allow scanning of Member Card during a transaction	Check this parameter to allow cashiers to scan a bar-coded Member Card during a transaction without having to first press the preset Member Card key. To enable this feature you must define the Member Card in Card Range Maintenance, as one of the first five ranges.
Member Card name in system	Define your own Member Card name.
Redemption points value: 10 points = 5.00 (value)	Specify the points redemption value.
Display Member name on customer display	When checked this parameter will display the customers name as it appears on their member card.
Display Member name on cashier display	When checked this parameter will display the customers name as it appears on their member card.
Print Member name on receipt	Check to print member name on receipt.
Length of secondary ID number (CCMS only)	Specify the length.
Display member card description on cashier display	Check this if the member card description must appear on the cashier display.
Display member card description on customer display	Check this if the member card description must appear on the customer display.

Press *F2* to update the definition.

Member Promotion

This option leads to the parameters required for Member Promotion.

To access this option, select Member Promotion from the Member Card and Promotion menu in POST Parameter File 2. The Member Promotion screen displays.

Parameter	Description
Enhanced Promotion description	Type in the description for the enhanced promotion.
Total Enhanced Promotion description	Type in the description for the total enhanced promotion.
Total for Member Promotion description	Type in the description for total member promotion.
Member Promotion discounts do not reduce net sales	Check this parameter so that member promotion discounts don't decrease net sales figures.

Barcoded Tender Information

PCM - 1

Barcoded Tender Information

Barcoded tender Active.....	[N]
Barcoded tender number.....	10
Barcoded tender prefix.....	12
Barcoded tender value location.....	8
Barcoded tender value length.....	5

[F2] Update

Parameter	Description
Barcoded tender active	Select this option to activate the Coinstar barcoded tender.
Barcoded tender number	Enter the barcoded tender number between 1-99.
Barcoded tender prefix (2 digits)	Enter the barcoded tender prefix (2 digits, 10-99).
Barcoded tender value location	Enter the barcoded tender value location. See page 95 for more details.
Barcoded tender value length	Enter the barcoded tender value length. See page 95 for more details.

Barcoded Tender Information (Coinstar)

A new option was added to "Additional Tender Information" menu in POST Parameters File 2.

Coinstar is a tender type, whereby coins are inserted into a (Coin Star) machine at a store. Once the machine accepts the coins, it produces a barcoded ticket, showing the amount of coins inserted.

The barcodes are made up of 13 digits (XX-YYYYY-ZZZZZ-C).
Whereby:

'XX' is the prefix. This can be anywhere between 10 - 99. 'YYYYY' is the number assigned within the coinstar system. 'ZZZZZ' is the value of the tender (\$ZZ.ZZ).

'C' is the Control Check.

Note

Parameters defined in the Back Office determine the first two digits (prefix), the tender number, the value location and value length.

The coinstar barcode is scanned as a tender type, reducing the ticket value. The ticket may be used to overtender a sale allowing cash change.

In case the value of the ticket exceeds \$99.99, the value of 'ZZZZZ' will be '00000' and the cashier is prompted to enter a price manually.

Note

If the barcode is scanned during sale mode, an error message appears.

Coinstar tenders may be voided, canceled and subtracted. The tender correction and manual entry functions may also be used on coinstar tenders.

Trading Stamp Parameters

Trading Stamps may be awarded to customers according to the rules you specify. Use the feature's options and parameters to suit your specific requirements.

Parameter	Description
Trading Stamps in system	Check to enable Trading Stamps.
Purchase amount required for one stamp	Specify the purchase amount necessary to award one stamp. Example: If you specify \$5.00 and a customer's purchase totals \$10.00 then the system awards 2 stamps.

Parameter	Description
Multiplication calculation method	To award multiples of stamps, select the appropriate method. - à None - à Dept. Eligible Total - à By Stamps earned Note In Department Maintenance, you must check the 'Trading Stamps eligible' parameter, for each department (as required), to participate in awarding of stamps. The POS terminal multiplies stamps already awarded, by the multiplication factor, according to the method you select here.
Calculate qualifying total	You may optionally select any of the following options, as required: - à Before vendor coupons - à Before bonus coupons - à Before store coupons The POS terminal awards stamps according to the purchase total, before or after coupons, as you specify here.
Template name (text) to print of receipt	Select the template (previously defined) to print the required 'stamps earned' message on the customer receipt. For more details on templates, refer to 'Templates/Multiple Part Receipts' in the Back Office reference Manual.
Don't display message on operator screen	Check this to avoid displaying the Trading Stamp message on the cashier screen.
Display/Print points with decimal point	Check this to display/print points with decimal point.

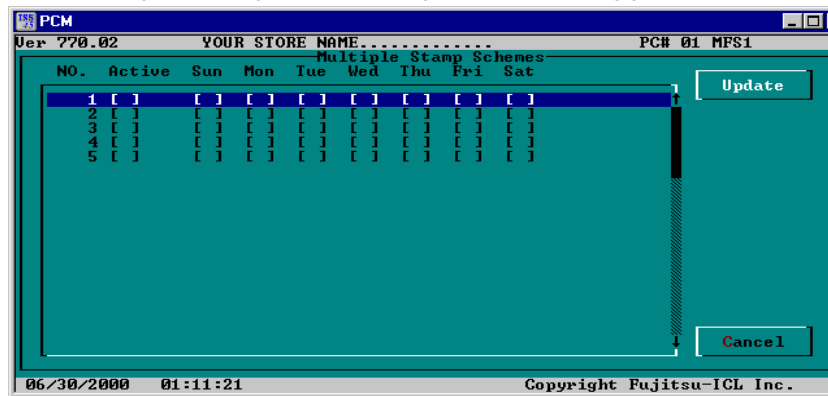
Multiple Stamp Schemes

Use the flexible options in Multiple Stamp Schemes to award customers with extra stamps.

You can set up schemes with different rules for various days and times.

➤ **To set up multiple stamp schemes**

- 1 From the Trading Stamps menu, select Multiple Stamp Schemes.
- 2 Highlight a scheme number and select *Update*.
The Multiple Stamp Schemes update screen appears.



- 3 Accept the scheme number or enter another one.
- 4 Set up the following parameters as required

Parameter	Description
Active	Check to activate the scheme.
Sun - Sat	Check the required day(s).
Start time	Time to activate the scheme for the above day(s).
End time	Time to terminate the scheme for the above day(s).
Minimum purchase	The minimum purchase amount required to enable multiplication. If a customer buys for <i>less</i> than the specified amount, the number of stamps awarded is not multiplied.
Multiplication factor	The qualifying amount purchased (or number of stamps) is multiplied by the factor you enter here.

Receipt Printing Parameters

Receipt Printing Parameters enables you to control the different options available for printing on customer receipts.

Follow the parameters and descriptions below.

Receipt Printing Parameters		
1. Print currency symbol on receipt.....		[0]
2. Print "Bal. Due" each time subtotal is pressed.....		[0]
3. Print "Bal. Due" after each tender.....		[0]
4. Print coupons report on ticket.....		[0]
5. Print duplicate receipt on loans and pickups.....		[0]
6. Print separate receipts for each tender on pick-ups.....		[1]
7. Print "PLU not found" slip.....		[0]
8. Print "PLU not found on inquiry" slip.....		[0]
9. Print cashier name on receipt.....		[0]
10. Suppress printing points on receipt.....		[1]

[F2] Update

Parameter	Description
Print currency symbol on receipt	Check this if the currency must appear on the customer receipt.
Print 'Bal. Due' each time subtotal is pressed	Check this so that 'Bal. Due' is printed every time the cashier presses the total key.

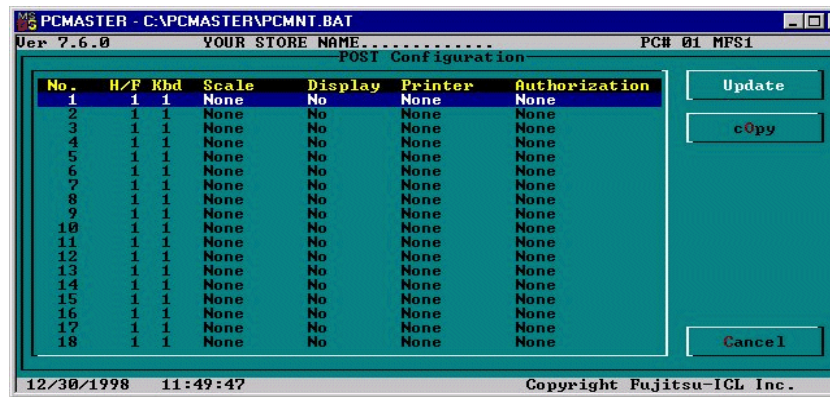
Parameter	Description
Print 'Bal. Due' after each tender	If checked, the balance due prints each time a different media is tendered. (part/multiple tendering) <i>Example</i> A customer purchases for \$60 and pays \$20 cash, \$20 check and \$20 credit card. The ticket prints the Balance Due after tendering with cash and check. The Balance Due will not print after tendering with the credit card as the customer does not owe any more money.
Print coupons report on ticket	Check this so that the coupons report is printed on the receipt.
Print duplicate receipt on loans and pickups	Check this so that whenever loans and pickups are done at the POS Terminal, a duplicate receipt prints.
Print separate receipts for each tender on pick-ups	Check this to print separate receipts for each different media on pick-ups.
Print 'PLU not found' slip	Check this in order for 'PLU not found' slip to print each time a PLU not found is entered at the POS Terminal.
Print 'PLU not found on inquiry' slip	If checked, and an inquiry is done at the POS Terminal against an item not found in the system, a separate slip will be printed after the customer receipt. The slip looks similar to the 'PLU not found' slip, and shows the number of the PLU not found. Note This feature works only when an inquiry is done in the middle of a ticket. If an inquiry is done outside a ticket or as the first procedure at the start of a sale, the slip will not print.
Print cashier name on receipt	Check this so that each time a pick up is performed at the POS Terminal for different media, separate receipts are printed for each media.

Parameter	Description
Suppress printing points on receipt	Check this to suppress printing of Member card points on customer receipts.
	Note
	If no member card is swiped, the 'sign up for member card' message will not appear.

POST Configuration

The POST Configuration option serves to define such information as the peripheral equipment attached to a POS terminal, the keyboard layout to be used, and the header/footer to be printed on customer receipts. If many POS terminals are to have the same configuration, use the copy function, described further on, to save time setting them up.

To access this option, select POST configuration, from the System Parameters menu. The POST Configuration screen displays.



This screen lists the POS terminals and shows the basic components of each POST configuration.

Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys to page through the list.

Functions available from this screen are *Update* and *cOpy*.

➤ To define or update a POST configuration

- 1 Highlight the required POS number and select *Update*. The POST Configuration 1 screen displays.

Ver 7.7.0		YOUR STORE NAME.....		PCR 02 MFS2	
				POST Configuration 1	
POS number.....	1			Scanner:	
POS type.....	5000	[↓]		COM.....	0
General:				IRQ.....	0
2X20 kbd. display.....	[]			Baud Rate...	None [↓]
Generate sound from.....	Keyboard	[↓]		Data Bits...	0
Battery backup.....	[]			Parity.....	None [↓]
Monitor type.....	UGA B/W	[↓]		Handshake...	[]
Touch screen type.....	None	[↓]		Scale:	
Weight on TeamPOS.....	[]			Type.....	None [↓]
Port for print commands	None	[↓]		Port.....	0
Drawer in use.....	[]			IRQ.....	0
connected to printer...	[]			Baud Rate...	None [↓]
Dual drawer enabled...	[]			Customer Display:	
Printer:				Port.....	0
Type.....	None	[↓]		IRQ.....	0
Port.....	None	[↓]		Type.....	None [↓]
MICR reader in use...	[]			Baud rate...	None [↓]
Enable Check Flip.....	[]				
[F2] Update			[Auth/APT]	[F6] Next Page	[F9] Prev
				[F10] Next	
05/20/2000 12:13:00			Copyright Fujitsu-ICL Inc.		

- 2 The number of the selected POST displays in the POS Number field. Press *Enter* to continue.
- 3 The POS type displays. From the drop-down list, select the terminal type and press *Enter*.
- 4 In each of the following fields, select one of the available values from the drop-down lists by pressing the *Right Arrow*, or check the appropriate parameters.

Value	Description
General:	
2X20 Kbd Display	Check if the cashier' s LCD display is connected to the keyboard.
Generate sound from	To specify where the beep sound will come from, press the <i>Right Arrow</i>. A drop-down list displays the components from which the beep sound may originate. Keyboard - The beep sound will be heard from the keyboard alone. PC - The beep sound will come from the PC itself. Keyboard and PC - The cashier will hear the beep from the keyboard as well as the PC, presuming they both have beepers' . Note This parameter is useful when the keyboard is installed at a distance from the PC and cashiers may not hear a PC-generated beep, or if the keyboard has no beeper' inside.
Battery Backup	Check this parameter if a backup battery pack is installed.
Monitor Type	Select either VGA black & white or VGA color.
Touch Screen Type	The system supports two different touch screen types to activate soft keys. In Post Configuration select either Snikey or Dynakey from the drop-down list. If the Touch Screen type selected is 'Snikey', the active keys on the POS are <i>Shift F2</i> through <i>Shift F7</i>. If the Touch Screen type is 'Dynakey', the active keys are <i>F2</i> through <i>F7</i>.
Weight on TeamPOS	If a scale is connected, check this parameter to have a scale display on the cashier's CRT. The number of items (top right corner of screen) can not be displayed if you use this option.

Value	Description
Port for print commands	During buffer printing, print commands are sent to the printer at the end of the ticket. However, this new parameter allows the print commands to be sent simultaneously to the selected port at real time. Note Print Commands are sent to the specific port only when buffer printing is active.
Drawer in use	Indicate whether or not a cash drawer is attached (Yes or No).
Connected to printer	Check this if the drawer is connected to the printer.
Dual Drawer in use	Check this to enable the use of two drawers at the PoS terminal. Use of a special cable is required.
Printer:	
Type	The printer connected to this POST. The Axiohm 4101 printer does not have a built in paper guillotine, it has a 'tear bar' whereby the paper is manually torn off after every ticket. A message appears on the POS Terminal prompting the cashier to tear off the customers receipt at the end of each ticket. If the cashier does not tear off the customer's receipt within 30 seconds, the printer marks the receipt paper with a line of asterisks so that a manual tear may be done at a later stage.
Port	This enables you to connect an RS232 printer to a port other than the default. Note Set your printer port only if you are working with a port other than the default used by the application. Leave the printer port option set to None, if you are working with the default printer port.
MICR reader in use	Check if Magnetic Ink Check Reader is in use.

Value	Description
Enable Check Flip	Select this option if you want the printer to flip the check automatically.
	Note Either one of the following printers must be selected in order for the printer check flip option to work: EPSON H6000 OR Axiohm 758.
Scanner:	
COM	Select the com 0-10 to which the scanner is connected.
IRQ	Refer to scanner documentation for the possible interrupt requests. Beware of IRQ conflicts with other peripherals.
Baud	From the drop down list, select either one of the following: à None à 2400 à 4800 à 9600 à 19200 à 38400
Data Bits	Enter the required scanner bits. Refer to your scanner manual for settings.
Parity	Use the right arrow to see the available options: à None à Odd à Even Select the applicable parity option, according to your scanner manual.
Handshake	Check this parameter to establish DTR (<i>Data Terminal Ready</i>) type handshake.
Scale:	
Type	The type of scale being used at this POS.
Port	Select the appropriate port.
IRQ	Refer to scale documentation for the possible interrupt requests. Beware of IRQ conflicts with other peripherals.

Value	Description
Baud Rate	Refer to scale documentation for the appropriate baud rate.
Customer Display:	
Port	Specify the appropriate comm port.
IRQ	Enter the possible interrupt requests. Beware of IRQ conflicts with other peripherals
Type	Select the appropriate option: à None à SMT à NTN
Baud Rate	Refer to scale documentation for appropriate baud rate.

Press *F6* to move to the next screen.



- 5 The Header/Footer field displays the number of the header/footer linked to this POS. Headers/footers are assigned to POS terminals via the Receipt Header/Footer Maintenance option (see 'Receipt Header/Footer Maintenance', later in this manual). If necessary, change this assignment: overtype another header/footer number, or press *F8* to select one from the list window.
- 6 In each of the following fields, select one of the available values from the drop-down lists by pressing the *Right Arrow*, or check the appropriate parameters.

Value	Description
Keyboard Type	Keyboard layouts are linked to POS terminals via the POS Keyboard Programming option (see 'POS Keyboard Programming', later in this manual). If necessary, change this assignment: overwrite another keyboard number, or press F8 to select one from the list window.
Graphic Logo	Type in (or update) the graphic logo number to be used. (See 'Graphic Logo Maintenance' later in this chapter). Logos print above the header message on the customer receipt. Logos are not mandatory.
Debug Mode	Indicate whether the terminal works in debug mode (Yes or No).
Minimum Amount in Drawer	Enter the amount to trigger the 'Top Up' message on the POS terminal. Whenever the total of all participating tenders drops to this amount or below, the Top Up message displays on the POS terminal cashier display.
CC for Minimum Amount in Drawer	The control check to display when the cash in drawer amount is equal to or less than, the minimum amount specified.
Maximum Amount in Drawer	Enter the amount to trigger the 'Assistance' message on the POS terminal. Whenever the total of all participating tenders meets or exceeds this amount, the Assistance message displays on the POS terminal cashier display.
CC for Maximum Amount in Drawer	The control check to display when the cash in drawer amount is equal to or more than, the maximum amount specified.
Bagger ID	Check this parameter to force the cashier to enter the bagger ID when the Total key is pressed. Once the bagger ID is entered, the prompt does not display again within the transaction. For more information, see the POS Terminal User's Guide.
Print Text to Transaction File	Check this to see text transactions in the Electronic Journal.
EFT Location	Not in use
Allow EFT reconciliation	Not in use

Value	Description
Display queue length every 'n' minutes	From the drop down list, select the number of minutes for the 'Queue Length' prompt to display on the POS Terminal .
Queue length threshold alert (count)	Enter in the Queue Length limit to trigger an alert message at the Back Office.
Checkout bank	Select the number of the checkout bank from the list.

7 Press *F2* to update the definition.

➤ **To copy a POST configuration to another POST**

- 1** From the POST Configuration screen, highlight the POS number to copy.
- 2** Select *Copy*. A pop-up screen prompts you to enter the record number (POST number), to copy the selected configuration to.
- 3** Enter the required record number and press *Enter*. The target POS number now has the same configuration as the source POS.
Repeat the above steps as many times as necessary, until all POS terminals are configured.

Displaying Another POS Terminal

- Type in the POST number and press *Enter*.
- Press *F10* to display the next POST. Press *F9* to display the previous POST.

Checkout Bank Groups

Checkout bank groups are logical or physical groups of PoS terminals. A typical store may consist of a main row of checkouts (*front end*), as well as various satellite terminals located in different areas of the store.

The Checkout Bank Group option lets you set up groups and give them names or descriptions to suit your environment.

➤ **To set up a checkout bank group**

- 1 From the POST Configuration menu, select Checkout Bank Groups.
The Checkout Bank Groups list appears.

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

Checkout Bank Groups

1	TEST2
2	TEST3
3	TEST4
4	
5	
6	
7	
8	
9	
10	

Update
Linked Pos
Cancel

01/12/1999 12:36:20 Copyright Fujitsu-ICL Inc.

- 2 Highlight the required Group number and description, and select *Update*. The Checkout Bank Groups screen appears.

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

Checkout Bank Groups

Group number..... 3
Group name..... TEST4

[F2] Update [F8] List [F9] Prev [F10] Next Linked Pos

01/12/1999 12:36:31 Copyright Fujitsu-ICL Inc.

- 3 Enter an appropriate checkout bank number and description.
- 4 Click [F2] Update to save.
- 5 To link PoS terminals to the checkout bank, click Link POS.
The PoS selector dialog appears.
- 6 Select the PoS terminals to link and press Enter.

Coupon Parameters

This option provides access to parameters needed to link coupons to the appropriate tender numbers, and coupon printing.

These parameter settings provide the system with such information as:

- Coupon days.
- Validity ranges.
- Minimum order amounts.
- Level of coupon validation.
- Coupon taxability.
- Whether coupons are netted from totals.

To access the option, select Coupon Parameters from the System Parameters menu. The Coupon Parameters menu displays.



Each option on this menu leads to a screen containing a group of parameters. Select the required option to display the appropriate screen. Refer to the relevant section below for parameter descriptions.

Coupon Parameters 1

Ver 7.6.0		YOUR STORE NAME.....		PC# 01 MFS1							
				Coupon Parameters Page 01							
Level of coupon validation..>None				[↑]							
Tax Forgive:											
		1	2	3	4	5	6	7	8		
Vendor coupon..>	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]		Dept net..>[✓]
Store coupon..>	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]		Dept net..>[✓]
Bonus coupon..>	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]	[✓]		Dept net..>[✓]
[F2] Update											
12/31/1998 14:31:51				Copyright Fujitsu-ICL Inc.							

Define the following parameters.

Parameter	Description
Level of Coupon Validation	The type of validation to be performed for vendor, store and bonus coupons. The possibilities are: • None: Coupons are not validated at all. • Manufacturer: A vendor coupon must match the item's manufacturer code. • Family (1 digit only): The coupon must match the manufacturer code and the first digit of the family code of the item. • Family (all 3 digits): The coupon must match the manufacturer code and all three digits of the item's family code. Press the <i>Right Arrow</i> to open the drop-down list and select the required option.
Tax Forgive	If any of the coupon types, vendor, store and bonus, is exempt from a tax rate, check the corresponding tax box. For example, if vendor coupons are exempt from tax rates 6, 7 and 8, check the boxes 6, 7 and 8 on the vendor coupon line.
Dept Net	This parameter relates to Net Daily sales totals in department reports. There are three such parameters, one for each type of coupon: vendor, store and bonus. If vendor, store and bonus coupons should be included in the Net Daily department sales totals, leave the check boxes blank. For example, if store coupons and bonus coupons should be deducted from the Net Daily department total, check the Store coupon and Bonus coupon Dept Net parameters.

Coupon Parameters 2

Ver 7.6.2 YOUR STORE NAME..... PC# 01 MFS1
Coupon Parameters Page 02

Coupon Parameters:

1. Give bonus coupons on discountable items only.....[]
2. CC to allow coupons to bring Subtotal < Zero.....0
3. CC to allow more coupons than items.....0
4. Allow coupons in departments with no sales in order.....[]
5. Maximum coupon face value......00
6. Tender number for vendor coupons.....0
7. Tender number for store coupons.....0
8. Tender number for bonus coupons.....0
9. Tender number for UPC 5 coupons.....0
10. Tender number for EAN 99 coupons.....0
11. CC to restrict redemption of EAN 99 coupons out of sale...0
12. CC to allow coupon as first item in the ticket.....[]
13. No keyboard sound for coupons without department or price.[]
14. Markdown department for UPC5 coupons with 992 bypass code.0 [1]
15. Validate EAN99 as UPC5.....[N]

[F2] Update

03/23/2000 10:10:43 Copyright Fujitsu-ICL Inc.

Define the following parameters.

Parameter	Description
Give Bonus Coupons on Discountable Items Only	Check this parameter to allow bonus coupons only for discountable items whose Discount Prohibited parameter (in the item record) is not checked. Leave blank to apply bonus coupons to any item.
CC to Allow Coupons to Bring Subtotal < Zero	If a control check is specified here, then it's triggered when a coupon amount is greater than the balance due.
CC to Allow More Coupons than Items	Specify the relevant control check to trigger if number of coupons exceeds the number of items in a transaction.
Allow Coupons in Departments with No Sales in Order	Check this parameter to allow coupons in a transaction without items.
Maximum Coupon Face Value	Maximum dollar value that a coupon may have when its price is manually entered (the amount printed on coupon face).

Tender Number for Vendor, Store and Bonus Coupons	The tender number of vendor, store, and bonus coupons must be specified here, so that coupons can be accurately reported in the system. Tender types for coupons are defined in the Tender Types file (see 'Tender Types', in the File Maintenance chapter). Even though tender records are set up for these coupons, these tender numbers may not be used with the <Tender> key on the registers. Store and Vendor Coupons are defined in the PLU file.
Tender Number for UPC5 coupons	The tender number for UPC5 type coupons must be specified here. See 'Tender Types' in the File Maintenance chapter.
Tender Number for EAN 99 coupons	The tender number for EAN 99 coupons.
CC to restrict redemption of EAN 99 coupons out of sale	Enter the Control Check number in order to restrict redemption of EAN 99 coupons out of sale.
CC to allow coupon as first item in the ticket	Specify the control check to trigger if a coupon is the first item entered on the POS terminal.
Note If the first item in the ticket is a coupon, only coupon entries are allowed in the transaction.	
No keyboard sound for coupons without department or price	Check this to suppress the keyboard sound when coupons without department or price are sold at the POS Terminal.
Markdown department for UPC5 coupons with 992 bypass code	Enter the department number to be marked down for UPC5 coupons with 992 bypass code
Validate EAN99 as UPC5	Select this checkbox so that the system interprets every PLU starting with 99 as a UPC5 coupon and not as an item.

Coupon Parameters 3

Coupon Parameters Page 03

Bonus Coupon Options:

Range	Cpn. Mult.	Add Amount	Cpn. Value From	To	Min Order	Tend No.	Ceiling Amount
1	100	.00	.31	1.25	1.00	21	10.00
	Sun Mon Tue Wed Thu Fri Sat						
	[] [] [] [] [] [] []						
2	1.00	.00	.15	.30	.00	21	.00
	Sun Mon Tue Wed Thu Fri Sat						
	[] [] [] [] [] [] []						
3	.00	.00	.00	.00	.00	0	.00
	Sun Mon Tue Wed Thu Fri Sat						
	[] [] [] [] [] [] []						
4	.00	.00	.00	.00	.00	0	.00
	Sun Mon Tue Wed Thu Fri Sat						
	[] [] [] [] [] [] []						

[F2] Update

This screen serves to define bonus coupons. Bonus coupons are calculated against vendor coupons and charged to a store. Vendor coupons give double, triple or any specified multiple of bonus coupons if a specified dollar limit has been reached, and the day of the week is a bonus day. Ranges of coupon values to allow for multiples of bonus coupons may be specified.

You can define up to four ranges. For each range, enter the following information.

Parameter	Description
Coupon Mult.	The number by which the vendor coupon is multiplied. For example, if vendor coupons should be doubled, enter 2.
Add(itional) Amount	This is an optional additional amount, above and beyond the 'ceiling amount'.
Coupon Value From-To	The beginning and end numbers of the coupon range.
Minimum Order	The minimum purchase amount required for a coupon in this range to be issued.
Tender Number	The tender number associated with this coupon range.
Ceiling Amount	Maximum amount that can be given. Vendor + Bonus amount.
Sun - Sat	Check the days on which the coupons should be issued. For example, if the coupon range is to be issued only Fridays and Saturdays, check the Fri and Sat boxes.

Coupon Parameters 4

This option contains parameters for defining UPC5-type vendor coupons.

Code	Type	'BUY' Qty	'GET' Value
00	Not in use	0	0.00
01	Key in value	0	0.00
02	Get 1 free	1	10.00
03	Get Y amount off	0	1.10
04	Get Y amount off	0	1.35
05	Get Y amount off	0	0.05
06	Get Y amount off	0	1.60
07	Get Y amount off	0	0.07
08	Get Y amount off	0	0.08
09	Get Y amount off	0	0.09
10	Get Y amount off	0	0.10
11	Get Y amount off	0	1.85
12	Get Y amount off	0	0.12

IF21 Update

12/31/1998 14:32:48 Copyright Fujitsu-ICL Inc.

The column on the left side of the screen provides a list of coupon type codes. These 2-digit code numbers are used to identify the type of discount or offer on each coupon.

Use the *PgDn* and *PgUp* keys to page through this list. For coupons that have not been defined, the message 'Not in use' appears on the screen.

➤ To define a coupon type

- 1 Move the cursor to the relevant line.
- 2 Enter a type code from the list on the right, and press *Enter*. The following types are available:

00 - Not in use

01 - Key in value (coupon without value, key in amount manually)

02 - Get 1 free

03 - Buy X get 1 free

04 - Buy X or more, get 1 free

05 - Get Y amount off

06 - Buy X, get Y amount off

07 - Buy X or more, get Y amount off

X denotes the quantity to be purchased in order to get a coupon. If you selected any one of the options containing X, you need to enter the quantity in the BUY Qty field.

Y denotes amount to be reduced from sale. If you selected any one of the options containing Y, you need to enter the amount in the Get Value field.

- 3** In the Buy Qty field, enter the quantity to purchase in order to get a coupon.
- 4** In the GET Value field, enter the amount to be reduced from sale. (Do not enter an amount if the coupon type is defined as 'get one free'.)
- 5** Press *F2* to record the definition.

Coupon Printing Parameters

Coupon Printing Parameters option enables you to define and design store coupons to be printed for each customer transaction based on the items in that basket.

Coupon Printing Parameters

Coupon Printing Options:

1. Coupon printing in use.....	[X]	
2. Maximum number of coupons to print per transaction.....	10	
3. Minimum purchase amount required.....		1.00
4. Control Check for minimum purchase.....	6	

[F2] Update

Parameter	Description
Coupon Printing in use	Check this if coupon printing is used in the system
Maximum number of coupons to print per transaction	Enter in the maximum number of coupons to print per transaction.
Minimum purchase amount required	Enter in the minimum purchase amount required to enable coupon printing.
Control check for minimum purchase	Enter the control check number to trigger for minimum purchase.

Coupon Printing Maintenance

The Coupon Printing option enables you to define and design store coupons to be printed for each customer transaction based on the items in that basket. A customer has the right to a coupon based on such conditions as:

- Purchasing a specific item.
- Purchasing an item from a specific department.
- Not purchasing a specific item.
- Not purchasing an item from a specific department.

A coupon prints in a 5 line format at the end of a customer transaction. Coupon printing is controlled by a number of parameters. See the section 'Coupon Printing', earlier in this chapter.

No.	In Use	Item/Department
1	☒	ITEM
2	☐	ITEM
3	☐	ITEM
4	☐	ITEM
5	☐	ITEM
6	☐	ITEM
7	☐	ITEM
8	☐	ITEM
9	☐	ITEM
10	☐	DEPARTMENT
11	☐	DEPARTMENT
12	☐	ITEM
13	☐	DEPARTMENT
14	☐	DEPARTMENT
15	☐	DEPARTMENT
16	☐	DEPARTMENT
17	☐	DEPARTMENT
18	☐	DEPARTMENT

The Coupon Printing File screen lists all the coupons in the coupon printing file, showing the following information per record:

- Coupon number.
- In use: if the coupon is currently in use, it's marked by a check sign [✓].
- Item/Department: basket will be searched for Item or Department, for this coupon.

Adding a New Coupon

This function allows you to define and design a new store coupon.

- 1 Highlight one of the blank lines in the Coupon Printing File screen, and select *Update*. The Coupon Printing - Insert/Update screen displays.

PCM - 1

Coupon Printing Maintenance

Coupon number[1-21].....> 1

Coupon in use> [J]

Ticket amount to print coupon.....> .00

Item/Department.....> [J]

Item/Department number.....> 0

Item/Department found/not found in basket.....> [J]

Minimum purchase amount required.....> .00

CC for minimum purchase.....> 0

Show the above CC if ticket amount is less than the minimum purchase amount by.....> .00

Print barcode.....> [J]

Barcode number.....> 241010015008

Graphic logo.....> 0

Coupon Text

#1 Weight & Price \$5

2-41010-01500-8

BOLD [1]

NORMAL [1]

NORMAL [1]

NORMAL [1]

NORMAL [1]

checkK digit

Center Text

[F2] Update

[F8] List

[F9] Prev

[F10] Next

- 2 The Coupon Number already displays. Type in another number, if necessary. Press *Enter* to continue.
- 3 Fill in the required fields as explained in the following table.

Field	Description
Coupon in Use	Check or uncheck to enable or disable the coupon. The coupon will be printed on each register as per system setup.
Item/Department	Item - the basket will be searched for a specific item. Department - the basket will be searched for a specific department.

Field	Description
Item/Department Number	If the coupon is item specific, enter the PLU number of the item. If the coupon is department specific, enter the department number. Type in the number or, press F8 to display a list of items or departments and select the required value.
Item/Department Found/Not Found in Basket	Found - if the item or department is found in the basket, that particular coupon prints on the register. Not Found - if the item or department is not found in the basket, the coupon prints on the register.
Print Barcode	Check this parameter to enable barcode printing on the coupon.
	Note Barcodes can be printed only if you use thermal receipt printers.
Barcode Number	If the Print Barcode parameter is checked, type in the required barcode number, up to 13 digits. If the system is operating without check digit validation, the POS terminal adds a valid CD to the barcode number when it prints. If the system is operating with check digit validation, the POS terminal checks if the barcode has a valid CD and prints only if a valid CD exists. Select <i>check digit</i> . The system calculates and inserts the check digit.
Ticket Amount to Print Coupon	Use this parameter to make the system look at the amount you enter here as the qualifier. The system will not check if items are found or not found in the transaction.
Minimum Purchase Amount Required	Customer must spend the minimum amount you enter here, to qualify for the coupon.

Field	Description
CC for Minimum Purchase	Control check to trigger if minimum purchase amount (above) not met.
Show the above CC if ticket amount is less than the minimum purchase amount by	The CC above will be triggered when the 'Total Ticket' amount is less than the 'Minimum Purchase amount required' (defined above) minus the amount defined in this parameter. For Example: • Min Purchase Amnt Req. = \$10.00 • This Parameter set to = \$3.00 • Ticket Total = \$7.00 • (\$10.00-\$3.00)=\$7.00 The CC appears until ticket total amount reaches \$10.00
Graphic Logo	Select the graphic logo number from the list.

- 4 The actual text to be printed on the coupon is entered in the coupon text lines. Use the *Enter* or *Tab* key to move the cursor to the first text line. You can type up to five lines of text. Type in the text of the first line as it should appear on the coupon. Press *Enter*.
- 5 If you want this text line to print in boldface, press the *Right Arrow*. A drop-down list displays Normal and Bold. Highlight Bold and press *Enter*. Press *Enter* again to continue to the second line. If the text should print in normal characters, just press *Enter* to continue.
- 6 If you want to center the text on a specific line, highlight that line and do one of the following:
 - Activate the Center Text function by pressing *Alt+C* or,
 - Use the *Tab* key to select the function button and press *Enter* to activate it.
- 7 Repeat steps 4 - 6, for each text line.
- 8 Press *F2* to record the coupon definition.

Other Functions

In this screen, you can use the same functions as those described in 'Updating a Coupon'.

Updating a Coupon

This function allows you to update a coupon definition.

- 1 To update the details of a coupon, highlight the coupon in the Coupon Printing File screen, and select *Update*.
The Coupon Printing - Insert/Update screen displays with the details of the selected coupon. For field descriptions, see 'Adding a New Coupon' earlier in this chapter.
- 2 To enter new/updated data in a field, move the cursor to that field, using the *Enter* or *Tab* key. Type or overwrite the new data. If the field has item selection, press *F8* to select a new value.

➤ To display another coupon

Type in the coupon number and press *Enter*; or

➤ To page through coupons

Press *F10* to display the next coupon. Press *F9* to display the previous coupon.

Transaction Handling Parameters

This option allows you instruct the system how to handle transactions from POS terminals, in the event of the POS terminal being off-line at **End of Day**. For example, a comms board might be faulty and cannot be replaced until the next day, or a terminal has been used for a 'side-walk sale' and is not connected to the network before End of day.

Note

If you choose not to check the options available, data for the current day is lost from any POS terminal not communicating with the servers when End of Day is run.

To access the option, select Transaction Handling Parameters from the System Parameters menu. The Transaction Parameters screen displays.



Parameter	Description
Transaction Version	The transaction version number, which automatically increments with every End of Day process. The version number is informative only - it cannot be edited.
Process PLU transactions	Check this option if you want PLU movement updated. (Stock control).
Process Memory	Check this if you want to print on-line reports with the current days' data.
Process Cashier	Check this if you want to keep cashier totals in the system. Any amounts that appear over today, will be short the next day, and vice versa.

Press *F2 Update* to record the definition. At the prompt, select *Yes* to accept changes, or *No* to reject changes. The System Parameters menu displays.

Design POS Menu

This option allows you to customize the options listed in the POS terminal Back Office menus. Only authorized personnel may use this program. The functions available are those specified in Function Maintenance.

Use this program to list different options for the POS when in *closed* mode (signed-off), in *sales* mode (signed-on) and *supervisor functions* (signed-on or off).

To allow terminal operators to display the POS terminal back office menus, a back office menu key must be defined on the keyboard. See the section on POS Keyboard Programming, later in this manual.

The Back Office menu on the POS is updated automatically when changes are made on the MFS computer.

To access the option, select Design POS Menus from the System Parameters menu. The Design POS Menu displays.



There are three choices: POS Closed Menu, POS Sales Menu and Supervisor Menu.

POS Closed Menu

To design the POS Closed menu, select POS Closed Menu. The Design POS Closed Menu screen displays.

Line	Function	Keylock	Privilege
1	1 EXIT POS	0	0
2	810 POS REPORT	0	0
3	0	0	0
4	915 CLEAR & LOAD PLU	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	807 TRAINING MODE	0	0
11	811 MANUAL END OF DAY	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1
 Design POS Closed Menu
 12/31/1998 15:00:20 Copyright Fujitsu-ICL Inc.

Adding a new menu option

➤ To define a new menu option

- 1 Highlight the line number where you want the option to appear on the B/O (Back Office) Menu.
- 2 Press *F8 List* to show the available functions to choose from.

Line	Function	Keylock	Privilege
1	1 EXIT POS	0	0
2	810 POS REPORT	0	0
3	0	0	0
4	915 CLEAR & LOAD	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	807 TRAINING MOD	0	0
11	811 MANUAL END O	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1
 Design POS Closed Menu
 12/31/1998 15:01:04 Copyright Fujitsu-ICL Inc.

- 3 Scroll the list and press *Enter* to select the required function.
- 4 Press *Tab* or *Enter*. The selected function displays and the cursor moves to the Keylock field.
- 5 Type in the Keylock position required, from 1 to 5. Press *Tab* or *Enter* and type in the required cashier Privilege number.

- 6 Select *F2 Update* to record the definition.

Note

Use the *F4 Other Menu* button, to see what functions are defined for the POS Sales Menu. (When you're editing the POS Sales Menu, activating this button displays the POS Closed Menu definition.)

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

Design POS Closed Menu

Line	Function	Keylock	Privilege
1	1 EXIT PO		
2	810 POS REP		
3	0		
4	915 CLEAR &		
5	0		
6	0		
7	0		
8	0		
9	0		
10	807 TRAININ		
11	811 MANUAL		
12	0		
13	0		
14	0		
15	0		
16	0		
17	0		
18	0		

Line	Function	Key	Privilege
1	806 X READ REPORT	0	0
2	810 POS REPORT	0	0
3	802 BREAK/SECURE MODE	0	0
4	803 WAIT MODE	0	0
5	804 PICKUP	0	2
6	805 PAID OUT	0	2
7	808 RECEIPT/ROA	0	0
8	809 ADD LOAN	0	0
9	812 TENDER PURCHASE	0	2
10	813 CHANGE PASSWORD	0	2

Exit

0 0 [F8] List

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➤ To edit/change a menu option

The procedure is the same as for defining a new menu option, above.

➤ To delete a menu option

- 1 Highlight the option you want to delete.
- 2 Type in 0 (zero) and press *Enter*.
- 3 Select *F2 Update* to record the definition.

POS Sales Menu

Menu options for the POS Sales Menu are the same as for the POS Closed Menu. The only difference is that options defined here are for the POS Terminal in signed-on mode.

POS Supervisor Menu

Menu options for the POS Supervisor Menu are the same as for POS Closed and Sales Menus. You can insert the supervisor menu option on both the POS Closed and POS Open menus.

To prevent unauthorized use of the Supervisor menu, use keylock position options and privileges, as appropriate.

Cost Plus Programming

This option allows you to set up parameters if your store operates on a 'Cost-Plus' system. In a cost-plus situation, some (or all) items are sold at their cost price plus a specific percentage, which is dependent on the total amount purchased by a customer. The more a customer buys, the lower the percentage mark-up added to the cost price total.

To make use of this system, you must check the Cost Plus parameter in General POST Parameters 2. (Earlier in this chapter.)

To flag *items* for sale at cost plus, check the Cost Plus item parameter (for each item), in the PLU Maintenance program. See the chapter 'PLU Maintenance'.

To flag a *department* for cost plus eligibility, check the Cost Plus department parameter in the Department Maintenance program. See the chapter 'File Maintenance'. With this option enabled, cashiers can sell any item via the department button. Items rung up with this method have cost-plus eligibility.

To access the option, select Cost Plus Programming from the System Parameters menu. The Cost Plus Programming screen displays.

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

Cost Plus Programming

	Up To	Percent
1	2000	20.000
2	500.00	15.000
3	1000.00	10.000
4	3000.00	5.000
5	10000.00	2.000
6	0.00	0.000
7	0.00	0.000
8	0.00	0.000
9	0.00	0.000
10	0.00	0.000

[F2] Update

12/31/1998 15:06:57 Copyright Fujitsu-ICL Inc.

There are 20 ranges (purchase amounts) for which you can define cost plus add-on percentages.

➤ **To define a range and percentage add-on**

- 1 Use the *Left arrow* and *Right arrow* keys and *Tab* to position the cursor in the first range (1), in the Up to column.
- 2 Type in the Up to amount, for example **10.00** and press *Enter*. The cursor moves to the Percent field.
- 3 Type in the required percentage to add on, for example **20.000**
- 4 Define all the ranges required.
- 5 Press *F2* to record the definition.

CDV Programming

The CDV Programming option is used to program customized check digit schemes. Up to 16 CDVs can be programmed. The CDVs can then be used by various functions of ISS45. For example, internal codes can be allocated a CDV scheme in System Parameters.

To access this option, select CDV programming from the System Parameters menu.

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

CDU Schemes				
	Descrip.	Weights	Mod	Rem
1	6D MOD11	654321	11	0
2	7D MOD10	1371371	10	0
3	7D MOD11	7654132	11	0
4	PLU	1371371	0	0
5		0	0	0
6		0	0	0
7		0	0	0
8		0	0	0
9		0	0	0
10		0	0	0
11		0	0	0

[F2] Update

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Adding/updating a new CDV scheme

➤ To add/update a CDV scheme

- 1 Highlight one of the blank lines, or existing CDV. This line already contains the CDV scheme number. Type in or overwrite the CDV description and press *Enter*.
- 2 In the Weights field, enter the weighting required for this CDV and press *Enter*.
- 3 With the cursor in the Mod field, type in the modulus.
- 4 Last, enter the remainder (if applicable), in the Rem field.
- 5 Press *F2* to update.

Service Fee Programming

This option lets you charge customers a fee (commission) for giving them cash back in a check sale. The fee is based on the amount of cash overextended. Use this option to set the fee range.

In addition, this option lets you charge customers a fee for performing cash tender-purchase transactions.

The fee, charged as an item, is based on the cash back (overtender) amount of a normal sale, or on the purchase amount in a cash tender-purchase transaction.

The fee prints on the customer receipt as a minus value, above the change amount.

Before you define the check fee ranges here, you must define PLUs with suitable descriptions, and the appropriate 'prices' (fees) to charge for each range.

To access this option, select Check Fee Programming from the System Parameters menu. The Check Fee Programming screen displays.

The only tender number acceptable for check service fee programming is tender number 1 (cash).

It is essential that users do not specify tender number 2 (Check) for check fees as problems may occur.

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1
Service Fee Programming

Table Number <1-5>... 1

	From Amount	To Amount	Fee Type	PLU	DEPT	TENDER
1	0.00	0.00	0.000	0		
2	0.00	0.00	0.000	0		
3	0.00	0.00	0.000	0		
4	0.00	0.00	0.000	0		
5	0.00	0.00	0.000	0		
6	0.00	0.00	0.000	0		
7	0.00	0.00	0.000	0		
8	0.00	0.00	0.000	0		
9	0.00	0.00	0.000	0		
10	0.00	0.00	0.000	0		

Fee Type PLU[] DEPT[] TENDER[]

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You can define up to five different tables, each containing the required ranges and PLU numbers.

➤ To define a table

- 1 Enter the required table number (1 to 5). In Tender Maintenance, you can link different tables to the required tender type.
- 2 In each row, enter the required From and To amounts. Note that the To amount must always be greater than the From amount.
- 3 Still in each row, enter the appropriate PLU number to link to each range. To see a list of PLUs, press **F8**.
- 4 Highlight and select the required PLU.

Note

You must already have defined PLUs with suitable descriptions, and the appropriate prices (fee) to charge for each range.

- 5 When finished, press **F2** to save the table.

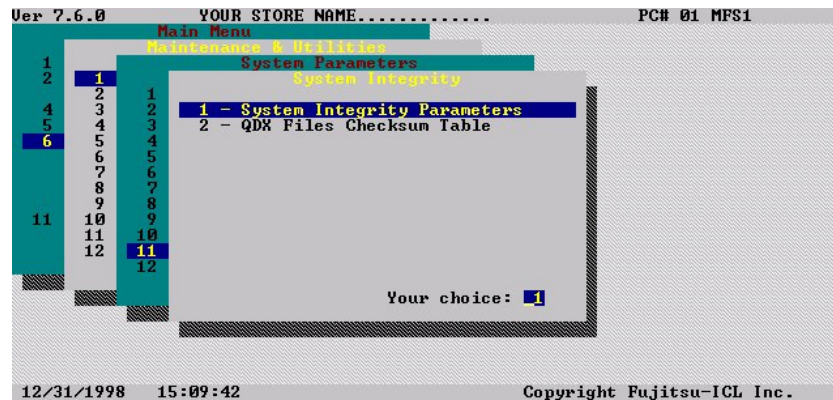
System Integrity

System Integrity is intended as a protection against file corruption and to ensure correct prices and other data in the system at all times.

Use this option to define how the System Integrity option must perform. You can also specify which QDX files must pass a checksum process during end of day.

System Integrity also safeguards data when a POS terminal has been working offline (after End of Day has been done), and is then reconnected. The system will then refresh ALL the POS terminal's data files.

To access this option, select System Integrity from the System Parameters menu. The System Integrity menu displays.



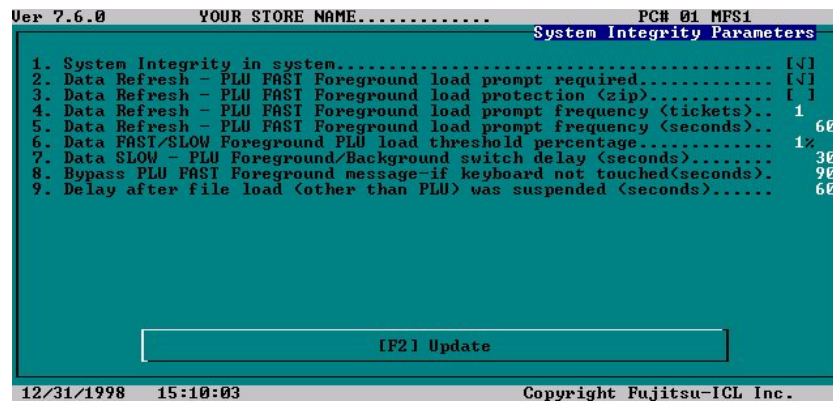
There are two choices:

- System Integrity Parameters
- QDX Files Checksum Table.

System Integrity Parameters

These parameters determine how System Integrity will work in your store.

To access this option, select System Integrity Parameters from the System Integrity menu.



Define the following parameters, as required:

Parameter	Description
System Integrity in System	Check the parameter to enable System Integrity. (To allow checksum and data file refresh.)
Data Refresh - PLU FAST Foreground Load Prompt Required	if a cashier prompt is required, check the parameter. A <i>foreground</i> load will occur if the keyboard is not touched for 'n' seconds. (See below). A <i>foreground</i> load is fast, <i>background</i> is slow.

Parameter	Description
Data Refresh - PLU FAST Foreground Load Protection (zip)	The system will zip the POS terminal's PLU file and start a <i>fast block load</i>. This could take fifteen minutes on 130,000 active PLUs. If loading fails, the zipped file will be reused again. Check the parameter if required.
Data Refresh - PLU FAST Foreground Load Prompt Frequency (tickets)	Enter how often the cashier prompt should display, in <i>tickets</i> .
Data Refresh - PLU FAST Foreground Load Prompt Frequency (seconds)	Enter how often the cashier prompt should display, in <i>seconds</i> .
Data FAST/SLOW Foreground PLU Load Threshold Percentage	The POS terminal checks active records and compares with the MFS. If a difference of 'n' percentage is found, the PLU file is zipped and a fast block load starts. If a cashier is logged on, a prompt (see parameter number 2 above) recommends to the cashier to perform a fast block load. You can allow the cashier to override this prompt. (See the <i>Bypass</i> parameter below.) Enter the required percentage difference. If the checksum fails, and the difference is less than the percentage you specify, the system will use the slow (foreground) load, and then switch between foreground and background depending on keyboard activity. If the difference is greater than the specified percentage, the fast load will be used.
Data SLOW - PLU Foreground/Background Switch Delay (seconds)	Enter the number of seconds of keyboard activity and inactivity, before a file load switches from foreground to background (and vice versa).
Bypass PLU FAST Foreground message - if Keyboard not Touched (seconds)	Enter the number of seconds of keyboard inactivity, after which the prompt begins to display again.
Delay after File Load (other	This parameter relates to the number of

- 1 To select a file, press *F8*. A popup window displays a list of QDX files.
- 2 Highlight the required file and press *Enter* to select it.
- 3 Move the cursor to the Offset (Ofs) field, and enter the required value.
- 4 At the Length (Len) field, enter the required length.

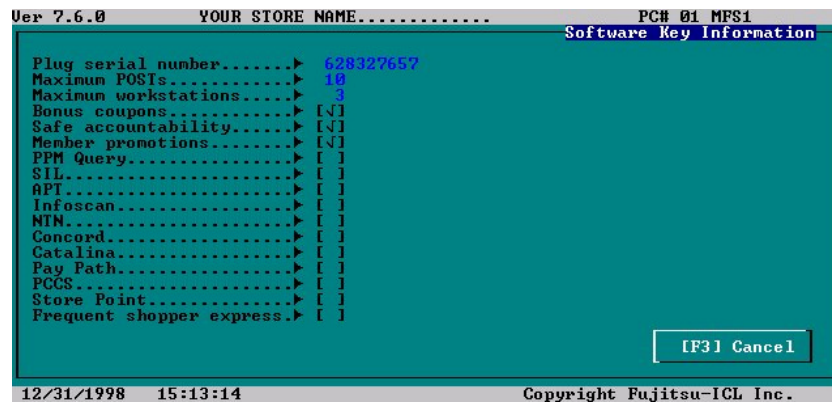
Note

You can check up to three fields in each file.

- 5 Press *F2* to save the setup.

Software Key Information

Software Key Information shows plug serial number and availability of specific optional functionality.



Poll List Program

ISS45 contains two alternate computers: a primary computer called the Master File Server 1 (MFS1) and an alternate computer called Master File Server 2 (MFS2). Both computers have identical functionality. POS terminals and workstations update their primary server (either MFS1 or MFS2) with their transaction data and can also access their server files when they require data for activities such as cashier log-on or customer inquiry. The servers update the POS terminals with PLU data.

MFS2 is a backup for MFS1. It automatically receives all transaction updates from MFS1 and automatically updates MFS1. Conversely, MFS1 is a backup for MFS2.

The Poll List Program serves to assign POS terminals to the computers that control these terminals. If a POS terminal is to be used, it must be set up in the poll list.

To access this option, select Poll List Program from the Maintenance & Utilities menu. The Poll List Programming screen displays.

POS No.	Primary	Secondary	In PC
1	1	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0

[F2] Update [F10] Print

12/31/1998 15:13:42 Copyright Fujitsu-ICL Inc.

This screen contains four columns:

- The first column lists the numbers of the POS terminals.
- The second column, Primary, serves to enter the number of the PC to which a POS is assigned as the primary computer.
- The third column, Secondary, serves to enter the number of the PC to which a POS is assigned as the secondary computer.

- The fourth column, In PC, serves to enter the number of the PC in which the POS terminal resides, in cases where a PC is used also as a POS terminal (PIP - POS In PC).

Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys to page through the list.

➤ **To assign a POS to PCs**

- 1 Move the cursor to the POS to be assigned.
- 2 In the Primary field, type the number of the PC (1 or 2) which is to serve as the primary computer for this POS.
- 3 Similarly, in the Secondary field, type the number of the PC (1 or 2) which is to serve as the secondary computer for this POS.

Note

If you enter the same number both in Primary and Secondary, the following warning message is issued: Setting the Primary and Secondary to the same value may be invalid.

- 4 Press *F2* to update.
- 5 To assign another POS, repeat steps 1 to 4.

➤ **To print the poll list**

Press *F10*.

Receipt Header/Footer Maintenance

The Receipt Header/Footer Maintenance program serves to design the headers and footers that print on the customer receipt tape. Both the header (top lines of the receipt) and the footer (bottom lines of the receipt) can contain up to 10 lines, and they can be printed in normal or bold characters.

You can link each header/footer to a specific POS.

To access this option, select Receipt Header/Footer Maintenance from the Maintenance & Utilities menu. The Headers/Footers screen displays.

Ver 7.6.0 YOUR STORE NAME..... PC# 01 MFS1

Headers/Footers

Number	Name
1	ISS45 HEADER 1
2	ISS45 HEADER 2
3	WEEKEND HEADER
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	

[F2] Update

Link POS

[F3] Cancel

12/31/1998 15:14:13 Copyright Fujitsu-ICL Inc.

This screen lists the headers and footers that have already been defined. You can page through the list, using the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys.

Defining a New Header/Footer

➤ To define a new header/footer

- 1 Highlight one of the blank lines in the Headers/Footers screen, and select *Update* (press *Enter* or *F2*). A window prompts you for the header/footer name.
- 2 Type in an appropriate description, and press *Enter*.
- 3 Press *F2* to continue. The Headers/Footers - Define screen displays.

The left side of the screen contains two windows. The upper window is used for entering the header lines, and the lower window for footer lines.

Defining a header

- 1 The first line of the header window is highlighted. You can enter up to 10 header lines. Use the *Up Arrow*, *Down Arrow* and *Enter* keys to move to the required line.
- 2 Type in the text to be printed on this line of the receipt. You can enter up to 40 characters in normal print. At the end of the line, press *Enter* or the *Down Arrow* to move to the next line.
- 3 Header lines can be printed in bold characters, and they can be centered. After you highlight a line, you can apply one of the functions on the right side of the screen.

➤ To activate a function

- Press the *Alt* key and the initialized letter. For example, *Alt+B* for Bold.
- Use the *Tab* key to select the function button and press *Enter* to activate it.

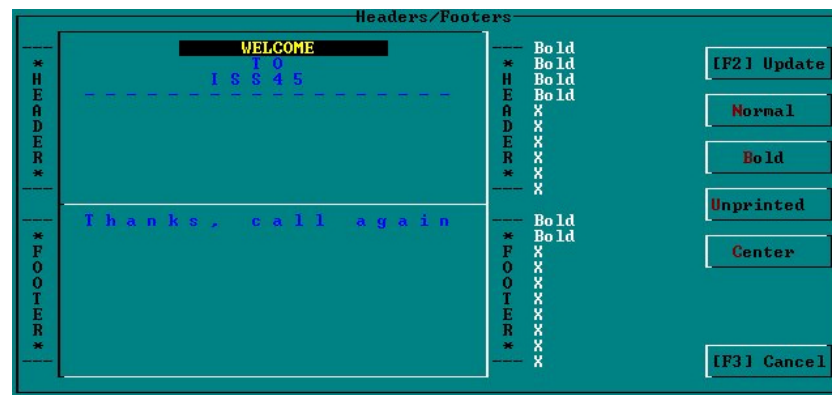
The available functions are:

Function	Description
Bold (Alt+B)	Prints characters in boldface. If you are using this attribute, you can only enter up to 20 characters. After you choose this attribute, the characters are spaced. These lines are marked with the word 'Bold' to the right of the window.
Center (Alt+C)	Centers text. This can be applied to normal or bold text.
Normal (Alt+N)	Returns bold and/or centered text to normal. The text line is marked with the word 'Normal'.
Unprinted (Alt+U)	Clears the line.

Defining a footer

Press *Enter* or *Down Arrow* to continue to the footer window. Follow the instructions in 'Defining a header'.

The following figure illustrates how the screen looks after header and footer lines are entered.



Press *F2* to record the definitions and return to the Headers/Footers screen.

Updating a Header/Footer

➤ To update a header/footer

- 1 Highlight the required header/footer in the Headers/Footers screen, and select *Update*. The Header/Footer Name window displays. Overtyping a new name, if necessary.
Press *F2* to continue. The Headers/Footers - Update screen displays with the details of the selected header/footer.
- 2 Follow the instructions in 'Defining a header' and 'Defining a footer', to insert the required changes to the header and footer lines. To change the text on a line, you can:
 - First clear the line using the *Unprinted* (*Alt+U*) function. Then, type in the new text.
 - Overtyping the new text, and use the edit keys to delete or insert characters.
- 3 Press *F2* to record the changes.

Linking a Header/Footer to POS

After defining a header/footer, you need to link it to the POS terminals where it is printed on customer receipts.

➤ To link a header/footer to a POS

- 1 Select the *Link POS* (*Alt+P*) function. The Connect to POS screen displays.
- 2 This screen lists the POS terminals, and the headers/footer used in each terminal (H/F number and name).
- 3 Highlight the relevant POS and press *Enter* or *F2*. The Change Header/Footer Number window displays.
- 4 This window displays the header/footer to which the POS is connected. You can type in the number of another header/footer and press *Enter*. Or, just press *Enter* not to change the current setting.
- 5 Press *Enter* again or *F2* to update and return to the Connect to POS screen.

Security Maintenance

The Security Maintenance option serves to:

- Assign user IDs, passwords and security levels to ISS45 users.
- Show status and priority of users in the system.
- Define security levels for the ISS45 functions and options.
- Report on user access to menu options.

A user must log on to ISS45 with a number and password matching those defined for that user in the security file. A user is authorized to use ISS45 options according to the security level assigned. The user must also have a security level equal to or higher than the security level of the ISS45 function he wishes to perform.

To access this option, select Security Maintenance from the Maintenance & Utilities menu. The Security Maintenance menu displays.

Users Password Definition

The Users Password Definition option serves to assign user IDs, passwords and priorities to ISS45 users, and change their status from Active to Not Active and vice versa. Only active users can access the system.

To access this option, select Users Password Definition from the Security Maintenance menu. The User Password Definition screen displays.

This screen lists the users of the ISS45 system. It shows the following information about each user:

- Status (Active/Not Active)
- No.: (User number)
- User name
- Password
- Priority

Adding a New User

➤ To add a new user

- 1 Highlight one of the blank lines and select *Update*. The Edit User Data window displays.
- 2 Type in the required user name.
- 3 In the Active field, press *Space Bar* to make the user active. (Press again to deactivate).
- 4 In the Password field, enter a password of up to 5 digits. When logging on to the system, the user must enter the assigned password just as it displays here.
- 5 Next, enter a priority from 0 to 9, where 0 is lowest and 9 the highest.
- 6 Every user in the system must have a priority number from 0 to 9. This number is checked against the security level defined for each ISS45 option (see *System Security Levels* , later in this chapter). For example, User 1 has priority 5. The security level for End of Day is 9. User 1 cannot, therefore, perform End of Day procedures.
- 7 A user with a security level of 9 can perform all ISS45 functions. With a priority level of 1 - 8, a user can perform only those functions assigned a security level of 1 - 8 or below. A security level of 0 permits a user to use only those functions assigned 0.
- 8 Press *Alt+A* to record the definition.

Changing User Status

➤ **To change a user's status from Active to Not Active**

- 1 Highlight the user.
- 2 Select the *Update* (*Alt+U*) function.
- 3 Move to the Active field and press *Space Bar*.
- 4 Select *Update* (*Enter*).

Updating a User

➤ **To update a user's name, password or priority**

- 1 Highlight the user.
- 2 Select the *Update* (*Alt+U*) function.
- 3 Make the required changes to the relevant fields.
- 4 Select *Update* (*Enter*).

Printing a Users List

To view or print a list of all ISS45 users, select the *Print* function in the User Password Definition screen.

The list screen displays.

To view all parts of the displayed list use the following:

- *Right Arrow* and *Left Arrow* to shift the screen in the arrow direction.
- *Ctrl+Right Arrow* and *Ctrl+Left Arrow* to shift to the last column and first column.
- *PgUp* and *PgDn* to page through the lines of the list.

Press *F10* to print the list.

Press *F3* or *Esc* to return to the User Password Definition screen.

Users Inquiry

This option allows you to check a user's status and priority.

To access this option, select Users Inquiry from the Security Maintenance menu. The Users list screen displays.

This screen lists the users of the ISS45 system. It shows the following information about each user:

- Status (Active/Not Active)
- No.: (User number)
- User name
- Priority

Scroll through the list with *PgUp*, *PgDn* and *Up Arrow* and *Down Arrow*.

System Security Levels

This option serves to assign a security authorization level (priority) and privilege to each of ISS45's options.

Security authorization levels range from 0 to 9, 0 being the lowest level and 9 the highest. For example, an option with a security level of 9 can be performed only by a user with a security level (priority) of 9. An option with a security level of 5 can be performed by anyone with priority 5 or higher.

Only users with the correct privilege password can access options that are protected by a privilege.

Setting up Privilege Passwords

Before you set up system security levels, you must set up privilege passwords.

To access the Privilege Setup, exit to DOS. At the DOS prompt in the \PCMASTER directory, type in **ppms/gotoprvg** and press *Enter*. The EPM Privilege Setup screen displays.

➤ To assign a password to a privilege

- 1 Highlight a privilege level and type in a five character password. As you type, asterisks (*) are displayed. Press *Enter* or *Tab* to continue to the next privilege.
- 2 Repeat the above step for each privilege, as required.
- 3 Select *OK* to record the passwords, or *Cancel* to quit without recording.

Assigning System Security Levels

To access the security authorization option, select System Security Levels from the Security Maintenance menu. The Set Menu Priority screen displays.

This screen lists ISS45 options in name sequence.

➤ To search for an option

- Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys.
- For faster search, use the Go To feature: Start typing an option name. As you enter the letters, they display at the bottom left corner of the list window. The option corresponding to the name you entered is highlighted at the top of the list.

➤ To assign a system security level (new or update), to an option

- 1 Highlight the option and select Update. The Set Priority screen for that option displays.
- 2 This screen lists the sub-options of the selected option. For each of these options, you can enter a priority, a privilege and check or uncheck the Log parameter. If you check the Log parameter, all user accesses to relevant options are logged. See User Access Log, below.

To assign a priority (0-9) to an option, use the *Enter* key to move the cursor to the Priority field of that option. Type in the priority.

- 3 A privilege establishes a higher level of security. Up to 5 privilege levels (1-5) are available. A password is linked to each privilege. When you activate an ISS45 option to which a privilege level is assigned, you are prompted to enter a password.
- 4 The password you enter must match the password linked to the privilege level. If the password is incorrect, an error message displays: Incorrect Password - Access Denied !!!! Hit any key to continue.
- 5 To assign a privilege level (1-5) to an option, use the *Enter* key to move the cursor to the Privilege field of that option. Type in the privilege level.
- 6 Check the Log parameter to record all user accesses to that option.

7 Press *Tab* or *Enter* to select *OK*, or *Cancel* to quit without recording.

User Access Log

This option provides management with a record of user access to options and functions in the ISS45 system. Tracking is maintained for 100 days, including the current day.

ISS45 only logs user accesses if the *Log* parameter in the Set Menu Priority screen is checked, for all options where tracking is required. (See 'Assigning System Security Levels', above).

To access this option, select User Access Log from the Security Maintenance menu. The File selection screen displays.

Select a log file to search from the File Selection screen.

The first file at the top of the list is always the current (today's) transaction file. Note the *.QDX* file extension.

All the other transaction files listed are zipped (compressed QDX) files. These files are listed in date order, from newest to oldest.

Selecting a File

➤ To select a file

Use the *Up arrow* and *Down arrow* keys to highlight the required file and activate the *Select (Alt+S)* function, or press *Enter*. The log Information screen displays.

All accesses to menu options are displayed, showing the following details per record.

- User Number
- User Name
- Description (menu or option name)
- Time

To scroll the list of records, use the *Up arrow*, *Down arrow* and *Page Up/Page Down* keys. The functions available from this screen are describe below. To move to the functions, use the *Tab* key, or use short cuts (*Alt* key + the highlighted letter) to activate them directly.

By User

- 1 Activate this function, (Alt+X) to see all accesses for a specific user number. A pop-up window displays.
- 2 Type in the required user number. All accesses for that user number are displayed.

By Description

- 1 To see all accesses for a specific menu option, select this function (Alt+X). A pop-up window displays.
- 2 Type in the required description. Only the first few letters of the menu or option are necessary. For example, `PLU` . All accesses with menu options beginning with `PLU` are displayed.

All Records

If you have already selected by user or description, and would now like to see the complete list, select this function. (Alt+X).

Print

Use this function (Alt+X) to display the report.

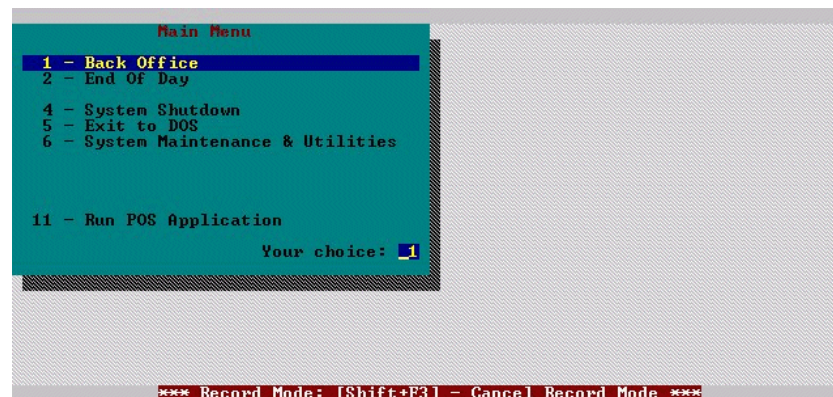
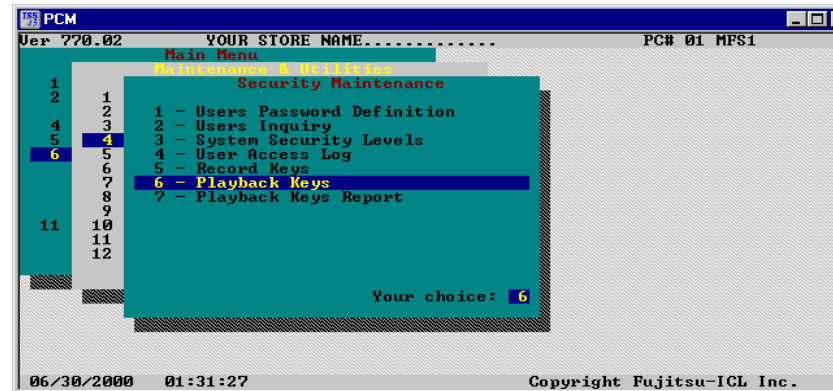
To view the complete report, scroll the display with the *Up arrow*, *Down arrow* and *Page Up/Page Down* keys.

Select *Print (F10)* to send the report to the printer, or *Cancel (F3)* to return to the previous screen.

Record/Playback Keys

This new feature enables you to record key strokes which can be played back at a later stage.

With the Record/Playback keys you are able to print all of the ISS45 screens and reports as hard copy backups.



Example 1

Assume you need to send the exact parameter settings to your dealer for assistance. Instead of manually writing down the settings on paper you can create:

- a hard copy of parameter settings
- a file which contains the screen captures of the different parameter settings

Example 2

You are working with a chain of five stores and you need to get each store's specific parameter settings:

- record the printing process of the necessary parameter screen settings
- send the file (REC-KEYS.DAT) containing the key strokes for printing to the different stores
- each store plays back the recorded key strokes you sent and creates its own report file which can be sent to you

Example 3

You require an hourly printout of certain reports:

- record the printing process of the different reports
- play back the recorded key strokes every hour - this creates a file containing the reports required
- after every playback go to DOS and save the created file to a different name

➤ To Record Keys

- 1 Go to Maintenance and Utilities, Security Maintenance.
- 2 Select Record Keys.
Screen prompts '*Are you sure Yes or No*'.
- 3 Select Yes to start recording key strokes.
- 4 The recording process starts at the Back Office Main Menu screen. A red message at the bottom of the screen indicates that you are now in record mode.
From this point onwards all movements on the Back Office will be recorded until you press *Shift+F3*.
- 5 Go to any menu or screen which you would like to record.
- 6 As you browse through the menus press *Shift+F4* every time you want to print a screen. Use the appropriate print button in each Back Office report you want printed.
- 7 To stop recording press *Shift+F3*.
The key strokes you have recorded are saved in a file called:
REC-KEYS.DAT in C:\PCMASTER

Every time the recording process takes place again, the file REC-KEYS.DAT is overwritten. To prevent the file from being overwritten make sure you rename it.

➤ **To Playback Keys**

1 Go to Maintenance and Utilities, Security Maintenance

2 Select Playback Keys.

The recorded key strokes play back.

Playing back the key strokes creates a file called:

REC-KEYS.RPT in C:\PCMASTER

The REC-KEYS.RPT file contains all printed screens and reports which were recorded. Every time the playback process takes place again, the file REC-KEYS.RPT is overwritten. To prevent the file from being overwritten make sure you rename it.

➤ **To Playback Keys Report**

1 Go to Maintenance and Utilities, Security Maintenance

2 Select Playback Keys Report.

The Playback Keys Report option shows you the contents of the REC-KEYS.RPT file.

The Playback Keys Report contains all the reports and screen captures you recorded.

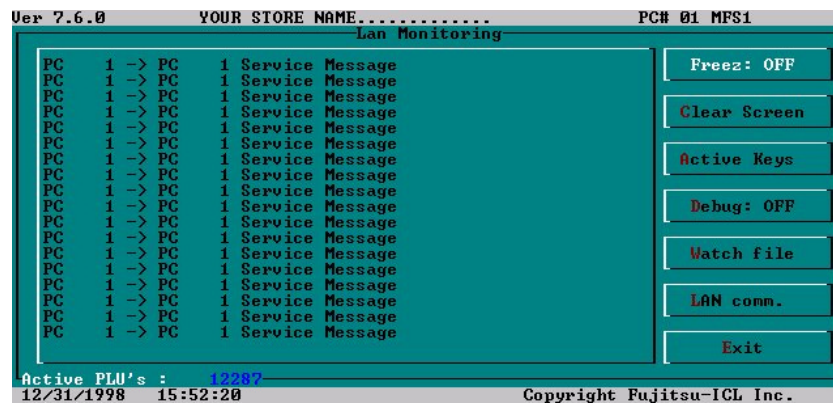
Note

The playback file is sometimes created on PCs without a printer, therefore, you cannot print during recording or playback. To print the playback file on a PC with a printer, use the *F10* print option in Playback Keys Report.

LAN Monitoring

The LAN Monitoring option provides an on-line, real time display of the network activities, showing the communication status between the various work stations. Technical personnel can also use the LAN Monitor for debugging.

To access this option, select LAN Monitoring from the Maintenance & Utilities menu. The basic LAN Monitoring screen displays.



The number of PLUs currently in the system displays at the lower left corner of the screen. From the basic LAN Monitoring screen, other monitoring functions are available. They are described below. To exit from the LAN Monitoring screen, press *Esc*.

Freeze

This toggle function freezes the LAN monitoring in the display.

Select this function to freeze the display. The caption on the push button changes to Freeze: ON. Select it again to continue real time monitoring. The button caption returns to Freeze: OFF, the default for this function.

Clear Screen

The Clear Screen function erases all LAN messages in the display, and monitoring continues again.

Active keys

This function displays all the currently loaded QDX files, with the following information for each file:

- File number
- Path and file name
- File size

The Active Keys list is scrollable. Use the *up arrow*, *down arrow*, and *Page Up*, *Page Down* keys to scroll the list. To print out the Active Keys list, select *Print*, or to return to the LAN Monitoring screen, select *Exit*.

Debug

This toggle function displays LAN messages in hex and text format, making it easier for technical personnel to see what's happening in the system.

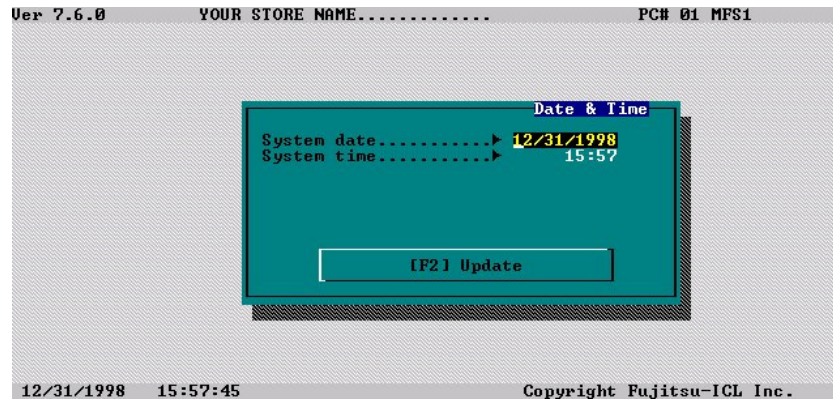
Select this function to display messages in HEX. The caption on the push button changes to Debug: ON. Select it again to display messages in text format. The button caption returns to Debug: OFF, the default for this function.

Watch File

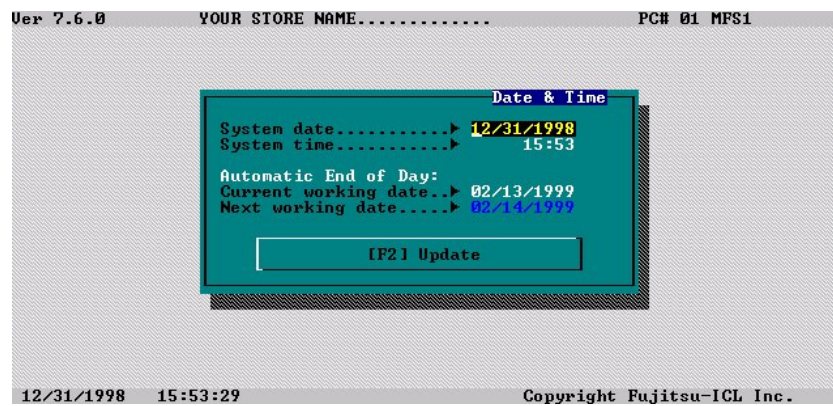
This function displays communication messages similar to those you see in the basic LAN monitoring screen, but also displays the date and time of each message. In addition, you can also scroll backward and forward through the messages.

The Active Keys list is scrollable. Use the *Up Arrow*, *Down Arrow*, and *Page Up*, *Page Down* keys to scroll the list. To print out the Active Keys list, select *Print*, or to return to the LAN Monitoring screen, select *Exit*.

Time from the Maintenance & Utilities menu. The Date & Time screen displays.



If Automatic End of Day is active, the following screen displays.



The current system date displays in the System Date field. Press *Enter* to retain this date or overwrite a new date and press *Enter*. The System Time field displays the system time. Press *Enter* to retain this time or overwrite a new time, and press *Enter*. If you run Automatic End of Day in your store, reset the current working date if required. The Next Working Date field is grayed out and cannot be accessed. However, when you reset the Current working date, the Next Working Date is automatically incremented by 1.

Press *Enter* or *F2* to update the terminals with the new dates and time, or *Esc* to quit without updating.

Warning

Never change the date and time at the DOS prompt.

CCMS LOG

This option provides a log report of CCMS messages sent and received from the CCMS (Club Card Maintenance Server).

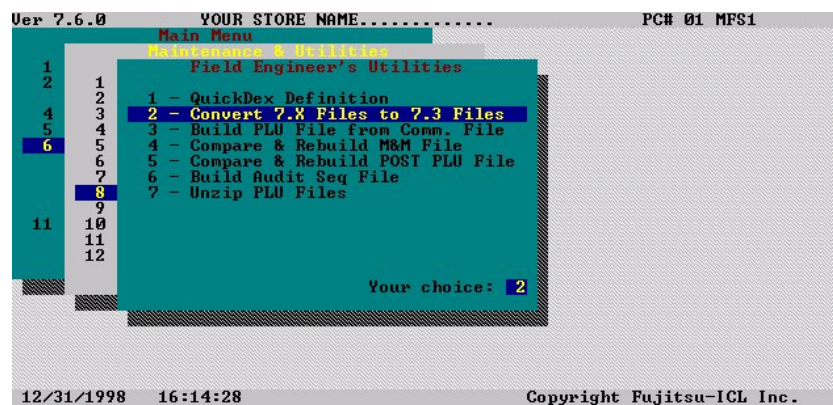
Log is provided only if your system works with CCMS server connection.



Field Engineer's Utilities

The Field Engineer's Utilities option provides access to various utilities to be used by authorized field engineers.

To access this option, select Field Engineer's Utilities from the Maintenance & Utilities menu. The Field Engineer's Utilities menu displays.



QuickDex Definition

This option serves to define and update QuickDex files and QuickDex general parameters.

The QuickDex file server does not use normal DOS calls and therefore reduces disk access time and memory requirements. Memory above 1MB can be used for QuickDex memory files.

File size is determined by the length of the record and the number of records. Multiply the record length and the number of records to determine the initial allocated size of the file. A file can be extended by increasing the maximum number of records. A reduction in file size results in an illegal QuickDex file. Any change to QuickDex parameters must be followed by rebooting both PCs in order to update the changes.

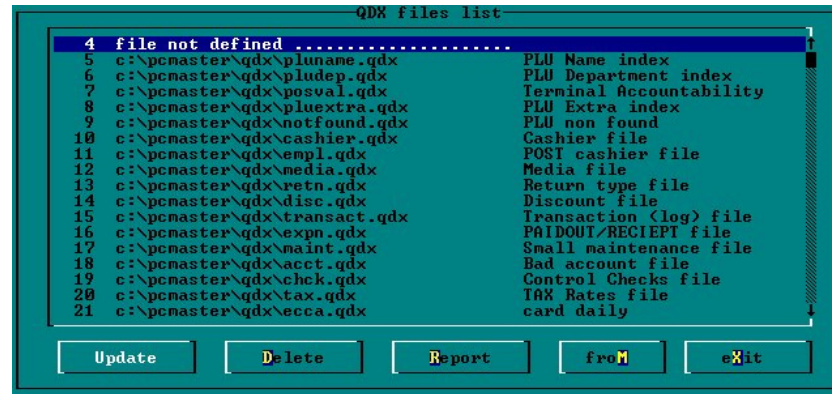
Up to 250 QuickDex files can be defined.

To access this option select QuickDex Definition from the Setup Parameters menu. The QDX/DRVfile menu displays.



Define QuickDex Files

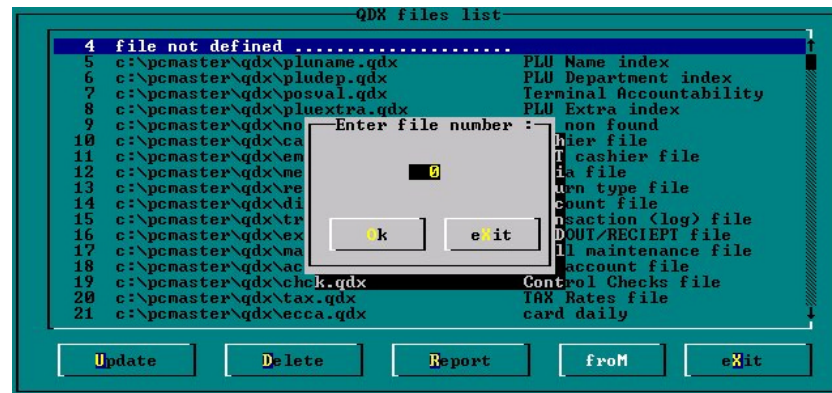
To define or update QuickDex files select Define QDX Files (*F1*) from the QDX/Drvfile menu. The QDX Files screen displays.



This screen lists the QuickDex files defined in the system, showing the path, name and description of each file.

➤ To search for a file

- Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys.
- For fast search, use the *fromM* function: Select *fromM* (*Alt+M*). A search window displays.



Type in the number of the file you want to locate and press *Enter* twice. The required file displays at the top of the screen.

Defining a QuickDex File

To define a QuickDex file, highlight one of the blank lines in the QDX Files screen, where the message 'file not defined.....' displays. The QuickDex File Parameters screen displays.

```

Qdex files setup      File name :Q-DEX.PRM      File # 4
Remark               :
QDEX file name       :
File type            :Index [↓] [ ] Wrap around
QDEX record size     :0
Key length           :0
Key offset in record :0
QDX flag offset      :0
Maximum records      :-1
Block size           :Auto [↓]
Split percent        :-0 - [↓]
Relative linked file :9999
[ ] Guaranteed WRITE
[ ] Fill file with ZERO when created (Similar to q-empty /z??)
DRUFILE entry number :0
  <[ ] Write local, [ ] Mask backup, read 0, Write 0, Backup 0 >
[ ] Use SUPER INDEX for this file
Super index file #   :255   Name :
Update  eXit  Output file  Redirection table  QDX files

```

Fill in the parameters as explained in the following table.

Field	Description
Remark	Enter any remark or description in this field. Remarks have no effect on the execution of QuickDex files.
QDEX File Name	Path name and file name.

Field	Description
File Type	Specify the file type for this file. To accept the default Index, press <i>Enter</i>. To select another type, press the <i>Right Arrow</i>. A drop-down list opens. Highlight the required option, and press <i>Enter</i>. The possible types are: • Index • Relative • FIFO • Relative Expansion • Super Index
Wrap Around	This defines a cyclical file for FIFO files only. Check this parameter (by pressing the <i>Space Bar</i>) to prompt when the file is full, leave blank to continuously loop file.
QDEX Record Size	Number of bytes per record. Mandatory.
Key Length	Length of the record key, in bytes.
Key Offset in Record	Starting location of the key in the record (starting from 0).
QuickDex Flag Offset	Location of the QuickDex reserved flag (1 byte). The flag can be located anywhere in the record.
Maximum Records	Mandatory. Depends upon user requirements.
Block Size	Block size in bytes. Select a size from the drop-down list (multiples of 512). To accept the default Auto (automatic allocation), press <i>Enter</i>.
Split Percent	Determines what percentage of block space is used before a block is split. Select a percentage from the drop-down list.
Relative Linked File	File number of the file containing information about the PLU file.
Guaranteed WRITE	Flush every write command to the disk (slow but secure option).
DRVfile Entry Number	Routing information.

Field	Description
Use Super Index for This File	Check this parameter if a super index containing pointers to QuickDex indexes should be used for this file. Then enter the number of this file and its path and name.

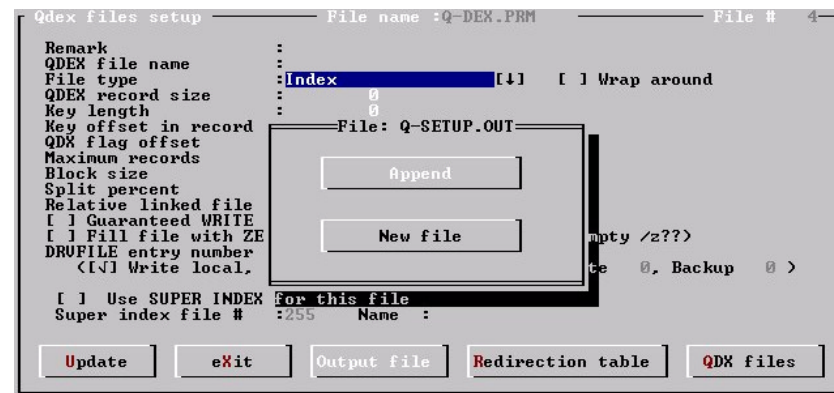
Select *Update* (Alt+U) to record the definition.

Other Functions

Output File

This function allows you to export a QuickDex file. It builds a file named Q-SETUP.OUT containing the specified QuickDex file. This file can be merged to another QuickDex file, in any other system.

Select the *Output file* function (Alt+O). The following window displays.

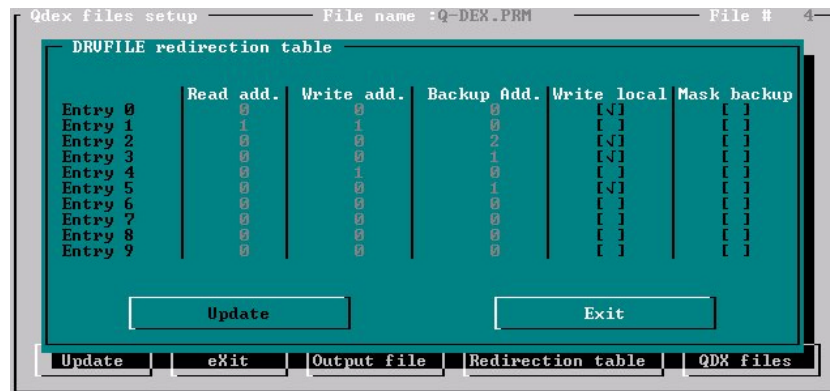


To append this QuickDex file to an existing output file, select *Append*. To create a new output file, select *New File*. This deletes an existing output file.

Redirection Table

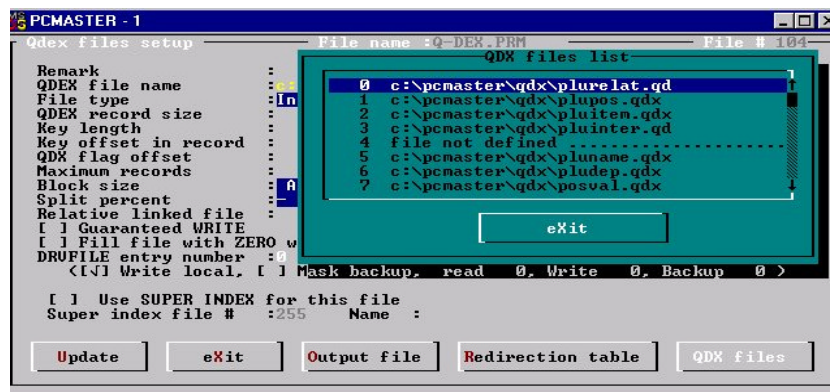
This function displays the DRVFILE redirection table.

Select the *Redirection table* function (Alt+R). The following window displays.



QDX Files

This function displays a list of the QuickDex files in the system. Select the *QDX files* function (*Alt+Q*). The following window displays.



You can page through this list, using the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys.

Updating a QuickDex File.

To update a QuickDex file, highlight the file in the QDX Files screen and select *Update*. Follow the instructions in 'Defining a QuickDex File'.

Deleting a QuickDex File

- 1 To delete a QuickDex file, highlight the required file in the QDX Files screen.
- 2 In the confirmation box, select *Update* to delete.

Printing a List of QuickDex Files

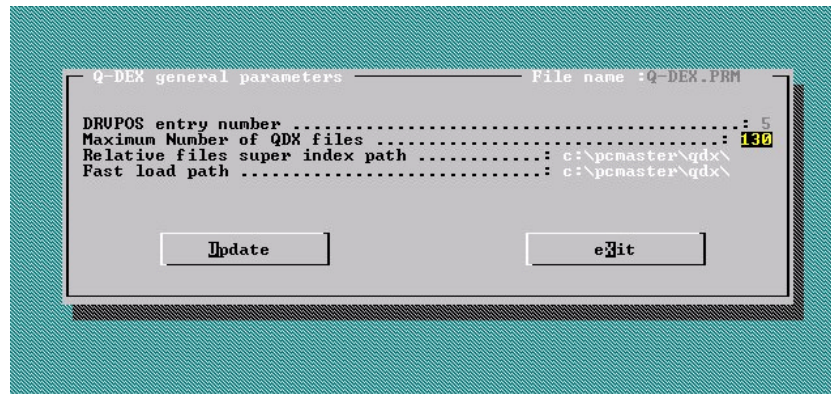
To print a list of the QuickDex files, select *Print* in the QDX Files screen.

Define QuickDex General Parameters

This option serves to set a number of general parameters for QuickDex.

DRVPOS is the device driver interface between the software application and the resident drivers. Each resident driver has an entry number to DRVPOS where the location of the driver is defined. DRVPOS eliminates the use of many software interrupts.

To access the general parameters option, select General Parameters (F2) from the QDX/Drvfile menu. The QDX General Parameters screen displays.



Fill in the parameters as explained in the following table.

Field	Description
DRVPOS Entry	This field displays the value 5 and may not be changed.
Maximum Number of Files	Maximum number of QuickDex files the file server can handle.
Relative Files Super Index Path	Path to the super indexes.
Fast Load Path	Path to the load indexes (containing QuickDex pointers for files).

Convert 7.X Files to 7.3 Files

This option serves to upgrade version 7.1 and 7.2 files to version 7.3 files.

Use this option after installing an *upgrade*.

Note

This option is for Field Engineer use only.

To access the option, select Convert 7.X Files to 7.3 Files, from the Field Engineer's Utilities menu. Enter the Field Engineer password. A warning message displays.



Warning

Once you start this process you cannot stop it. If you are sure you want to convert files, press *Enter* to continue, or *Esc* to exit.

Build PLU File from Comm. File

The Build PLU File from Comm. File option serves to add item records created at another location to the PLU file, without having to enter the PLU data manually.

To access this option, select Build PLU File from Comm. File from the Field Engineer's Utilities menu.

You are prompted to confirm the operation. Select *Yes* to continue, or *No* to return to the menu.

The program screen displays.

Enter the path and the name of the source file. The path name of the previously converted file displays by default. The destination file path and name are displayed automatically.

If the path is valid and the specified file is a comm file, it is converted without additional user intervention. The number of records converted is displayed in the Source Record Length field.

Compare and Rebuild Mix & Match File

This option scans the main PLU file and builds a Mix & Match index.

To access the option, select Compare and Rebuild Mix & Match File, from the Field Engineer's Utilities menu.

You are prompted to confirm the operation. Select *Yes* to continue, or *No* to return to the menu.

The process starts and a window displays showing the records being built during the process.

Compare and Rebuild POST PLU File

This option checks and compares the main PLU file against the POST PLU file. If the number of items in the two files does not match, this program builds a new POST PLU item file, based on the main PLU file.

To access the option, select Compare and Rebuild POST PLU File, from the Field Engineer's Utilities menu.

You are prompted to confirm the operation. Select *Yes* to continue, or *No* to return to the menu.

The process starts and a window displays showing the records being built during the process.

Build Audit Seq File

ISS45 includes a PLU Maintenance Audit feature which serves to record all the operations performed in the PLU file (new items, updates, price changes, etc.) in an audit log file. To use this feature, the system parameter 'PLU Maintenance Audit' (see 'System Parameters', earlier in this chapter) must be checked.

The Build Audit Seq. File option converts a QuickDex audit file to a sequential file, for backward compatibility. Older versions of ISS45 use sequential audit log files.

To access the option, select Build Audit Seq File, from the Field Engineer's Utilities menu.

You are prompted to confirm the operation.

Select *Yes* to build a sequential audit file, or *No* to return to the menu.

POS Keyboard Programming

The POS Keyboard Programming option enables you to customize the keyboards of the POS terminals.

To access this option, select POS Keyboard Programming from the Maintenance & Utilities menu. The POS keyboard menu displays.

Use the options on this menu, as follows:

- **Function Maintenance.** This option lists all the functions available on a POS terminal. A function name can be changed or a new function can be added by an authorized user.
- **Program Keys.** This option is used to define a keyboard layout by assigning POS functions to keyboard keys, and defining preset keys. Different POS terminals may utilize different keyboards, so there may be several layouts available.

- **Link POS to Keyboard.** After designing a keyboard layout for a POS terminal, it must be linked to that terminal via the link POS to keyboard option (or the POST Configuration option).

Function Maintenance

The Function Maintenance option lists all the functions available on a POS terminal, and allows you to change a function name and add new functions. These operations are performed by authorized personnel only.

To access this option, select Function Maintenance from the POS Keyboard menu. The Keyboard Functions screen displays.

This screen lists the functions available on POS terminals.

To search for a function

- Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys.
- For faster search, use the Go To feature: Start typing a function number. As you enter the digits, they display at the bottom left corner of the list window. The function corresponding to the number you entered is highlighted at the top of the list.

Adding a New Function

➤ To define a new function

- 1 Select *Insert*. The Keyboard Function Maintenance screen displays.
- 2 Type in the Function Number. You use this number to refer to a function throughout the system. The function number must be unique. Press *Enter*.
- 3 Enter the name of the function.
- 4 Press *F2* to record the definition.

Other Functions

In this screen, you can use the same functions as those described in 'Updating a Function'.

Updating a Function

This function allows you to update the name of a function.

- 1 Highlight the required function in the Keyboard Function Maintenance screen, and select *Update*. The update screen displays.
- 2 To enter updated data in a field, move the cursor to that field using the *Enter* or *Tab* key. Type or overwrite the new data. Follow the instructions in *Adding a New Function* .
- 3 Press *F2* to record the changes.

➤ To display another function

- Type in the function number and press *Enter*; or
- Press *F8* to open the functions list window. Locate the required function using the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys. Press *Enter* to display it.

➤ To page through functions

Press *F10* to display the next function. Press *F9* to display the previous function.

Program Keys

This option serves to define a keyboard layout. Keyboard layouts can be defined for specific POS terminals as well as for different *types* of keyboard.

To access this option, select Program Keys from the POS Keyboard menu. The Keyboard Selection screen displays.

This screen displays the keyboard layouts defined in the system.

Defining a New Keyboard Layout

Note

A new keyboard layout can also be defined using the Copy function, and then redefining that layout. (see 'Copying a Keyboard Layout', later in this chapter).

➤ **To define a new keyboard layout**

- 1 Highlight one of the blank lines in the Keyboard Selection screen, and select *Update*.
- 2 Select the *Update Name* function (*Alt+N*) to assign a name. The Keyboard Name window displays.
- 3
- 4 Type in the name and press *F2*. The name now appears on the keyboard selection list.
- 5 Select the *Update* (*Alt+U*) function. The Keyboard Data screen displays.
- 6 This screen lists the functions that you assign to the keyboard keys. At this stage, the screen is empty.
- 7 To assign a function, select *Insert* (*Alt+I*). The Keyboard Keys - Update screen displays.
- 8 On the keyboard, press the function key to be programmed. For example, the Enter key. The name of the key displays in the Key Name field. The cursor is now positioned on Keyboard sale mode.
- 9 A keyboard key can be programmed to activate different functions in Sale Mode and Tender Mode. In the Keyboard sale mode field, specify the required function for Sale Mode. There are two options:
 - A *general* function from the standard functions defined in the system (see 'Function Maintenance', earlier in this chapter).
 - A *preset* function such as a PLU item, a department, a return, etc.

General Function

To assign a general function, select the *General* function (*Alt+G*). The Keyboard Function window displays.

Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys to locate the required key, and press *Enter* to select it.

The function number and name appear in the Keyboard sale mode and Function Name fields.

Press *Enter* to continue to Keyboard tender mode. To assign a function for Tender Mode, repeat the same procedure as for Sale Mode. If no Tender Mode definition is needed, just press *Enter* to continue.

Preset Function

To assign a preset function, select the *Preset* function (*Alt+P*). The Keyboard Preset Functions window displays.

Press the *Right Arrow* to select a code. A drop-down window lists the available options:

- Undefined
- PLU
- Department
- Tender
- Discount
- Return
- Expenses (payouts and receipts)

Highlight the required operation code and press *Enter* to select it.

Press *Enter* to continue. A window prompts you for specific information depending on the operation code you selected.

For PLU

The Preset Key to PLU window displays.

Enter the number of the PLU item to be rung up by the key you are defining. You can select an item from the items list window, by pressing *F8*.

For Department

The Preset Key to Department displays.

Enter the number of the Department to be rung up by the key you are defining. You can select a department from the departments list window, by pressing *F8*.

In the Value field, enter the value to be automatically entered by the key. Press *Enter* to continue.

For Tender

The Preset Key to Tender window displays. This window is similar to the Preset Key to Department window.

Specify the Tender Number and the Value to be entered by the key.

For Discount

The Preset Key to Discount window displays. Specify the number of the discount to be performed by the key you are defining.

For Return

The Preset Key to Return window displays. Specify the number of the return to be performed by the key you are defining.

For Expense

The Preset Key to Expense window displays. Specify the payout/receipt code to be entered by the key you are defining.

- 1 After selecting the operation code and entering its details, press *F2* to record the preset function. The Keyboard Keys Update screen returns with the Function Name, Preset Opcode, Preset Number (PLU number, department number, etc.), and the Preset name (PLU item name, department name, etc.). The cursor appears at the Alphanumeric state field.
- 2 Press *Enter* to skip this field and continue to the Keyboard privilege field.
- 3 To assign a keyboard privilege to the key, type in the required value. Valid privileges are 1-8, with 8 being the highest privilege. Use keyboard privileges to ensure that certain functions are activated only by authorized employees, for example, supervisors.
- 4 If necessary, a keyboard keylock position may be defined. Type in the required value. Valid keylock positions are 1 - 8. The actual range on the standard keyboard is 1 - 5.

Keylock positions are used to impose control by supervisors and management.

Note

Keylock position numbers are dependent on the keyboard type connected to the POS terminal.

- 5 Having assigned a function to a key, press *F2* to record the definition.
- 6 To quit, press *Esc*.

The Keyboard Data screen now lists the functions and preset operations you have assigned to keyboard keys.

From this screen you can update or delete a key assignment. This is explained in 'Updating a Keyboard Layout', below.

Updating a Keyboard Layout

➤ To update a keyboard layout

- 1 In the Keyboard Selection screen, highlight the required keyboard, and select *Update*. The Keyboard Data screen displays.
- 2 Perform the required function:

Function	Description
Insert	Select <i>Insert</i> to enter a new assignment. Follow the instructions in <i>Defining a New Keyboard Layout</i> .
Update	Highlight a key assignment and select <i>Update (Alt+U)</i>. The Keyboard Keys - Update screen displays the details of the assignment. The cursor is positioned on Keyboard sale mode. Select the function from the list window. To select a general function, press <i>Alt+G</i>. The Keyboard Functions window displays. The Used column in this window shows the number of times each function has been used (a √ sign for each use). To select a preset function, press <i>Alt+P</i>. Change the Keyboard tender mode in the same way, if necessary. Press <i>F2</i> to update.
Delete	Highlight the key assignment to be deleted, and select <i>deLete (Alt+L)</i> . In the confirmation box, select <i>Yes</i> to delete or <i>No</i> to retain the key assignment.

➤ To update a keyboard name

- 1 In the Keyboard Selection screen, highlight the required keyboard, and select *Update Name (Alt+N)*. The Keyboard Name window displays with the name of the selected keyboard.
- 2 Overtyping a new name.
- 3 Press *F2* to update.

Copying a Keyboard Layout

You can create a new keyboard layout based on an existing layout. First copy the layout and then make the necessary changes via the *Update* function.

➤ To copy a layout

- 1 In the Keyboard Selection screen, highlight the keyboard from which you want to copy, and select the *coPy* (*Alt+P*) function. The Keyboard Copy window displays.
- 2 Type in the number of the new keyboard layout. Press *Enter* and then *OK* (or *Enter*). The copied layout appears in the list.

Note

If the target keyboard already exists, a message box displays the following: **Keyboard exists. Are you sure?** Select *No* if you don't want to copy onto the existing keyboard. Select *Yes* to override the existing keyboard.

Deleting a Keyboard Layout

➤ To delete a keyboard layout

- 1 In the Keyboard Selection screen, highlight the required keyboard, and select *deLete* (*Alt+L*).
- 2 In the confirmation box, select *Yes* to delete or *No* to retain the layout.

Printing a Keyboard Report

➤ To print a keyboard report

In the Keyboard Selection screen, highlight the required keyboard, and select *Report* (*Alt+R*). The Keyboard Report Selection window displays.

Two type of reports can be viewed and printed.

Function Usage Report

Select the *Func Usage* function (*Alt+F*). The report screen displays.

This report lists functions in function number sequence, and shows which keys are assigned to each of these functions.

To view all parts of the displayed list use the following:

- *Right Arrow* and *Left Arrow* to shift the screen in the arrow direction.
- *Ctrl+Right Arrow* and *Ctrl+Left Arrow* to shift to the last column and first column.
- *PgUp* and *PgDn* to page through the lines of the list.

Press *F10* to print the list.

Keys Defined

Select the *Keys Defined* (*Alt+K*) function. The report screen displays.

This report lists key assignments by keys.

For functions available on this screen, refer to 'Function Usage Report', above.

Link POS to Keyboard

After defining a keyboard layout, you need to link it to the POS terminals where it is used, via the Link POS to Keyboard option.

Note

A keyboard can be linked to a POS terminal also via the POST Configuration option (see 'POST Configuration', earlier in this manual).

To access this option, select Link POS to Keyboard from the POS Keyboard menu. The POS Keyboard Link screen displays.

This screen lists the POS terminals. If a keyboard has been linked to a POS, the keyboard number and name are also displayed.

➤ To link a keyboard to a POS

- 1 Highlight the POS and select *Update* (press *Enter*). The POS Keyboard Link window displays.

- 2 The selected POS number displays. If you want to link another POS, type in the POS number, or use the *F9* (Previous) and *F10* (Next) keys to display a POS.
- 3 Press *Enter* to continue to the Keyboard Number field. Specify the number of the keyboard layout to be linked: type in the keyboard number, or press *F8* to select one from the Keyboards List window.
- 4 Press *F2* to update the definition.

Electronic Journal

Use this option to view cashier transactions and reports, for the current day or for previous dates. Transaction information is picked up from the daily transaction files.

To access this option, select Electronic Journal from the Maintenance & Utilities menu.

For more information, see the 'Electronic Journal User's Guide'.

Electronic Journal - Search Facility

A search facility 'Supervisor' (option 19) has been added to the Electronic Journal. This new option allows users to search for any supervisor overrides.

Electronic Journal - Supervisor Authorizations

Transactions which needed supervisor authorization at the PoS terminal will appear in the Electronic Journal. The word 'Supervisor' and the supervisors password will be shown.

POST Graphics

Two options are available from this menu:

- Graphic Logo Maintenance - for receipts
- Screen Saver Setup - POS terminal screen savers

Graphic Logo Maintenance

You can use this utility to maintain up to 5 predefined graphic logos. Only .bmp (bitmap) graphic files may be used, and they must reside in the C:\PCMASTER\SEQ directory. You must set logo dimensions in a suitable graphics or paint program. Make sure the logo size meets the following requirements for each printer type:

Printer Type	BMP File Size
Epson TM930	Width - 180 pixels maximum. Height - No limit.
Epson TMT80 (Thermal)	Width - 192 pixels maximum. Height - No limit.
Axiohm 7156 (Thermal)	Width - 448 pixels maximum Height - 384 pixels maximum
	Note
	Although the dimensions above are the maximum allowed, you cannot use both at the maximum size. For example; if width is 448, height must be <i>less</i> than 384. The maximum size must be equal to or less than width x height, with a maximum of 172032. The logo image is loaded into printer memory when the POS terminal is powered up. This allows high speed printing of the logo.
Fujitsu	Width - 400 pixels. Height - 48 pixels. The logo is loaded into printer memory.

Notes

You must use pixels (PELS) for defining logo dimensions. Save the logo with black and white settings, NOT color.

➤ **To access Graphic Logo Maintenance**

- 1 From System Maintenance and Utilities select POST Graphics.
- 2 The POST Graphics sub-menu displays.
- 3 Select Graphic Logo Maintenance. The Graphic Logo Maintenance screen displays.

The screen lists the logo numbers and names (if any), or if none, the message Not Defined.

The right side of the screen contains function buttons. Each button activates a function such as updating, deleting or naming a logo.

➤ **To select a graphic logo**

- 1 Highlight the logo required (or line number if not defined), and select *Update* (press *Enter*). The Select a file window displays.
- 2 Move the cursor to highlight the required file and press *Enter* to select it.
- 3 A dialog box displays with the file name selected. You can change the name here if desired. Type in the new name and select *Continue* (press *Enter*).

➤ **To delete a graphic logo**

- 1 Move the cursor to highlight the file for deletion and select *deLete* (*Alt+L*).
- 2 In the confirmation box select *Yes* to delete the logo, or *No* to leave it.

➤ **To rename a graphic logo**

- 1 Move the cursor to highlight the required file and select *Name* (*Alt+N*).
- 2 A dialog box displays with the file name selected. Type in a new name and select *Continue* (press *Enter*) to rename the file, or press *Esc* to leave the name unchanged.

Screen Saver Setup

When the POS terminal is in signed-off mode, up to ten different graphic images can be displayed. You can set different display times (delays) for each image.

The Screen Saver Setup lets you specify the sequence and display time of each image.

This feature supports only .bmp images, which must reside in the directory C:\PCMASTER\SEQ

Note

Image size, in pixels: Minimum: 320 x 200. Maximum: 640 x 480

- 1 Exit to DOS and go to the directory C:\PCMASTER\SEQ
- 2 Copy the appropriate .bmp files from your diskette to this directory.

➤ To Access Screen Saver Setup

- 1 From System Maintenance and Utilities select POST Graphics.
- 2 The POST Graphics sub-menu displays.
- 3 Select Screen Saver Setup. The Screen Saver Setup screen displays.

This screen lists all the entries for screen savers (1-10) defined in the system, showing the following information per entry:

- Number
- Screen Saver Name
- Delay: The display time for the image at the POS terminal.

➤ To add a new screen saver

- 1 In the Screen Saver Setup screen, select Update. A list of images displays.
- 2 Select the required image. Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys. The details screen displays.
- 3 Edit the name if required. This does not change the original filename.

- 4 Enter the number of seconds to display the image.
- 5 Select *Continue*. The entry now shows the information you entered.

➤ **To update the image details**

- 1 Highlight the required entry in the Screen Saver Setup screen and select *Details*. The details screen displays.
- 2 Edit the name if required. This does not change the original filename.
- 3 Change the delay as required.
- 4 Select *Continue*.

➤ **To delete an image**

- 1 Highlight the required entry in the Screen Saver Setup screen and select *DeLete*.
- 2 Select Yes to delete. The entry displays as 'not defined'.
- 3 To update the POS terminal, you must select '*Load All*'.

➤ **To load delays to the POS terminal**

- 1 Select *Load Delay*.
- 2 Select Yes to confirm the load.

➤ **To load an image to the POS terminal**

- 1 Highlight the required entry.
- 2 Select *Load Image*.
- 3 Select Yes to confirm the load.

➤ **To load images and delays to the POS terminal**

- 1 Select *Load All*.

- 2 Select Yes to confirm the load.

Note

The process of loading images or image details to the POS terminals could take a few minutes (dependent on the number and size of images). During loading, the POS terminals can NOT be used.

While the POS terminal is in signed-off mode, the images display according to the sequence you set up. Each image displays for the number of seconds defined.

- Press the *Sign-on* key to cancel the screen saver display.
- When the POS terminal is once again in signed-off mode, the next image in the sequence displays

Note

The images file (number 88) is not loaded during a cold start. After a cold start is performed, you must reload the images to the POS terminal.

System Alerts

System alerts notify office staff or management of technical problems, security violations, and other out-of-line or exception situations on the POS terminals.

When a specified POS terminal *activity* or *event* activates an alert, a red ALERT indicator displays on the lower part of the PC (workstation/MFS) screen. Depending on how alerts parameters are set, the ALERT indicator could soon be followed by a pop-up message. This message displays the reason for the alert. See example illustrated below.

The Alert message includes:

- POS terminal number
- Time occurred
- Queued alerts (number of alerts generated and still to display)

Select *Continue* to close the Alert pop-up. If there are other queued alerts, they pop-up in their sequence of occurrence. The pop-up may display again after 'n' minutes, depending on how its been defined.

The System Alerts option allows you to:

- Report on all alerts current day plus history
- Insert, update, and delete system alerts
- Set alert parameters

Some examples of alert types:

- Printer Error
- Scanner Error
- Drawer Full
- Password Violation
- POS Off-line

To access the System Alerts option, select System Alerts from the Maintenance & Utilities menu. The System Alerts menu displays. Each option on this menu leads to another option, containing reports, maintenance screens and parameters.

Alerts Reports

This option provides management with a record of all alerts generated in the ISS45 system.

ISS45 does not log alerts if the Ignore this alert parameter is checked. See Alert Types Maintenance, below.

To access this option, select Alerts Reports from the System Alerts menu. The File Selection screen displays.

The first file at the top of the list is always the current (today's) transaction file. Note the *.QDX* file extension.

All the other transaction files listed are zipped (compressed) QDX files. These files are listed in date order, from newest to oldest.

Selecting a File

➤ To select a file

Use the *Up arrow* and *Down arrow* keys to highlight the required file and activate the *Select (Alt+S)* function, or press *Enter*. The Alerts List screen displays.

All logged alerts are displayed, showing the following details per record.

- POS/PC Number
- Type (alert number)
- Description (alert message)
- Time occurred

To scroll the list of records, use the *Up arrow*, *Down arrow* and *Page Up/Page Down* keys. The functions available from this screen are described below. To move to the functions, use the *Tab* key, or use short cuts (*Alt* key + the highlighted letter) to activate them directly.

Searching for Alerts

Select the *Search by* option to see the available choices.

By Opcode (type)

- 1 Activate this function, (*Alt+O*) to see all alerts for a specific opcode number. A pop-up window displays.
- 2 Type in the required opcode number. All alerts for that opcode number are displayed.

By POS

- 1 To see all alerts for a specific POS terminal, select this function (*Alt+P*). A pop-up window displays.
- 2 Type in the required POS number. All alerts for that POS display.

By PC

- 1 To see all alerts for a specific PC or workstation, select this function (*Alt+C*). A pop-up window displays.
- 2 Type in the required PC number. All alerts for that PC display.

By Time

- 1 To see all alerts for a specific time, select this function (*Alt+T*). A pop-up window displays.
- 2 Type in the required time. All alerts for that time display.

Sorting

For ease of use, the listed alerts can be sorted in three different ways.

- By Opcode
- By POS
- By Time

To activate sort options, select *Set Sort*. The Sorting Criteria window pops up. Activate the sort function as in Searching, above.

Display all Records

If you have searched for a small range of information, for example all alerts from 14:00 to 14:30, use this option to re-display all records.

Printing

Use this function (*Alt+P*) to display the report.

To view the complete report, scroll the display with the *Up arrow*, *Down arrow* and *Page Up/Page Down* keys.

Select *Print (F10)* to send the report to the printer, or *Cancel (F3)* to return to the previous screen.

Alert Types Maintenance

This option is used to define alerts and their behavior. ISS45 is already configured with numerous alerts. To insert a new alert, the required function (program) must be developed first.

To access the Alert Types Maintenance option, select Alert Types Maintenance from the System Alerts menu. The Alert Types Maintenance screen displays.

The screen lists all the alerts in the Alerts file, showing the alert number and message for each alert.

➤ To search for an alert

- Use the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys.
- For faster search, use the Go To feature: Start typing an alert number. As you enter the digits, they display at the bottom left corner of the list window. The alert record corresponding to the number you entered is highlighted at the top of the list. For example, as you type 204, the system first highlights alert 2, then alert 20, and then alert 204. If the number you entered does not exist, the next alert is highlighted.

The right side of the screen contains function buttons. Each of these buttons activates a function such as updating alert

information or adding a new alert. These functions are described later in this chapter.

➤ **To activate a function**

- 1 If the function applies to a specific alert (e.g. Update an existing alert), highlight that alert. If not (e.g. Insert a new alert), just perform step 2.
- 2 Do one of the following:
 - Press the *Alt* key and the initialized letter. For example, *Alt+U* for Update.
 - Use the *Tab* key to select the function button and press *Enter* to activate it.

Adding a New Alert

This function enables you to add new alerts to the alerts file. A new alert needs to be defined, for example, when a new event on the POS terminal is created, and you need to report on all occurrences of the event.

- 1 In the Alert Types Maintenance screen, select *Insert*. The Alert - Insert screen displays.
The cursor appears at the Number entry.
- 2 Type in the required alert number and press *Enter*.

Note

Developers of new functions take note of the ranges to use.	
1 - 200	Reserved for POS terminal messages
201 - 1000	Reserved for Back Office messages
1001 - 2000	User programmable

- 3 Enter the message description (two lines available) and press *Enter* to move to the next field. Fill in the required fields as explained below.

Field	Description
Timeout between Confirmation and Re-Alert	Set this parameter (minutes), to a high value, to avoid having the same alert pop up too frequently. For a critical type alert, set the value to 1 minute, the minimum.
Pop-Up Alert	Check this parameter to enable the red ALERT indicator at the bottom of the screen.
Pop-Up Message	Check this parameter to enable a pop-up message.
Password Required on Confirmation	If you want to prevent unauthorized personnel from accepting alerts, check this parameter. When a user attempts to confirm this alert, the Alert Confirmation window pops up and prompts for the user number and password. No access to menus is possible until the alert is confirmed.
Ignore this Alert	To ignore this alert, check the parameter. The alert is neither displayed nor logged.

- 4 Press *F2* to record the new alert.

Updating an Alert Type

This function allows you to update the details of an alert.

- 1 To update the details of an alert, highlight the required alert in the Alert Types Maintenance screen, and select *Update*.

The Alert - Update screen now displays with the details of the selected alert.

For field descriptions, see 'Adding a New Alert', above.

- 2 To enter new/updated data in a field, move the cursor to that field using the *Enter* or *Tab* key. Type or overwrite the new data. If the field has item selection, press *F8* to select a new value. For

parameter fields, use the *Space Bar* to check or uncheck that field, as appropriate.

- 3 Press *F2* to record the changes.

➤ **To display another alert**

- Type in the alert number and press *Enter*; or
- Press *F8* to open the alert list window. Locate the required alert using the *PgUp*, *PgDn*, *Up Arrow* and *Down Arrow* keys. Press *Enter* to display its details.

➤ **To page through alerts**

Press *F10* to display the next alert. Press *F9* to display the previous alert.

Deleting an Alert Type

This function is used to delete an alert from the alert file.

- 1 In the Alert Types Maintenance screen, highlight the alert to be deleted and select *deLete*. The Alert - Delete screen displays with the details of the selected alert.
- 2 Press *Enter*. In the delete confirmation box, select *Yes* to delete or *No* to retain the alert.

The functions available in the Alert - Delete screen are the same as those described in the Alert - Update screen. In other words, you can display and delete the previous (*F9*) or next alert (*F10*), or any other alert from the alert list (*F8*). If you know the number of the alert you want to delete, just type its number at the cursor position. After displaying the required alert, perform step 2 to delete.

Printing an Alerts Type List

Use this function to display and print a list of the alerts defined in the system.

- 1 In the Alert Types Maintenance screen, select *Print*. The Alert - Print screen displays the details of all the alerts, line by line.
- 2 To view all parts of the displayed list use the following:
 - *Right Arrow* and *Left Arrow* to shift the screen in the arrow direction.

- *Ctrl+Right Arrow* and *Ctrl+Left Arrow* to shift to the last column and first column.
- *PgUp* and *PgDn* to page through the lines of the list.
- 3 Press *F10* to print the list.
- 4 Press *F3* or *Esc* to return to the Alert Types Maintenance screen.

Alerts Parameters

Use this option to specify which PCs (MFS/workstation) are to receive and display alerts.

To access this option, select Alerts Parameters from the System Alerts menu. The Alerts Parameters screen displays.

This screen displays a list of all the possible PCs in the store, from MFS1 and 2 to LFS3 through 10 . Use *Tab* to move to the required PC and press *Space Bar* to select it. To de-select, press *Space Bar* again.

Run POS Application (PIP)

This function, also known as PIP (POS in PC) is only available if it was set up during the installation of ISS45.

By using this option, you can operate the MFS1 or MFS2 (or any PC workstation) as a POS terminal. A cash drawer, printer, keyboard, customer display and other peripheral equipment as required, should be connected to the PC.

- To switch from PC (back office) mode to POS terminal mode (PIP), select Run POS Application from the Main menu.

The screen appears identical to that of a POS terminal.



You can now operate the PC as a normal POS terminal.

If a PIP was not defined during installation, an error message displays: Can not switch to POST from this PC.

- To exit from PIP mode back to PC mode, use the *Exit POS Function* key, or, on a regular keyboard, press *Ctrl+F10*.

Note

In a PIP configuration, switching back and forth between terminal and back office modes can prevent the POS terminal from running. This is due to the amount of memory available as well as a DOS limitation.

To recover, you must exit to DOS and type in the command PCM.

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