



Document Scanner  
5500 and 7500

# **Installation Questionnaire Instructions**

## **Mode Setup Software**

A-61074  
Part Number 6C3944

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# 1 Introduction

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The *Kodak Digital Science*™ Mode Setup Software 5000/7000 has been developed to enable you to customize applications using the *Kodak Digital Science* Document Scanner 5500 and 7500.

The Mode Setup Software offers a user-friendly interface which allows you to perform an initial installation or modification of an existing setup.

The following sections describe the installation requirements, installation procedure, logon procedure, general information regarding use of the Mode Setup Software, the Installation Instructions and the Installation Questionnaire, and the logout procedure.

## Installation requirements

The following system and cabling requirements should be verified prior to attempting to use the Mode Setup Software.

### Minimum system requirements

- IBM or IBM-compatible personal computer with access to the DOS command prompt.
- 640K RAM.
- 1.2 MB hard disk space.
- a 720K 3 1/2" disk drive.
- monochrome or color display.

## Installation procedure

The installation procedure is as follows:

1. Insert the Mode Setup Software diskette into the disk drive of the PC.
2. Change to the directory (i.e., "mkdir setup" or "cd setup") where the software will be installed.
3. Copy the software from the diskette to the desired directory by typing:

Copy A:\*. \*

If the disk drive on your PC is not designated as the A drive, substitute the correct drive in the above command string.

## Logon procedure

After the installation procedure is completed, perform the following steps to logon to the Mode Setup Software:

1. Access DOS.
2. Change the directory to correspond to the directory designated during the installation procedure.
3. Type *SETUP* and press *Enter*. The following screen appears:

KODAK DIGITAL SCIENCE (tm) Scanner 5000/7000	This software is the property of Eastman Kodak Company.  It is not to be sold or leased in any form.  Use by any unauthorized persons is illegal and is subject to penalties under the copyright laws of the United States.  Strike any key.	Version
		3.20e
Copyright Eastman Kodak Company 1993		Release Date
		Jan 10, 1997

- Press any key to move to the next screen.

KODAK DIGITAL SCIENCE (tm) Scanner 5000/7000
1) Attach RS-232 Cable to COIN1/3 Port 2) DIGITAL SCIENCE Power Switch On 3) Press <ENTER> key
Continue Exit

4. Verify that the RS-232 cable is connected to the COIN3 port and the Scanner 5500/7500 power switch is in the *ON* position.

5. Select *Continue*.

6. Press *Enter*. The following screen appears:

Configuration Items	Setting	DIGITAL SCIENCE Status
Display Language	English	READY
Measurement System	Inch	
Date Format	1990/10/10	
Time Format	00:00	
Set Time and Date		
Confirmation Tone Volume	Soft	
Confirmation Tones	Enabled	
Fixed Field Delimiter	Period (.)	
Printer Messages		
Version Numbers		
Load scanner from laptop		
Load laptop from scanner		
Mode Configuration		
End Session		

## Using the Mode Setup Software

This section provides guidelines and conventions which will assist you in using the Mode Setup Software.

There are two levels of definitions:

- **Machine definitions**—which apply to all modes.
- **Mode definitions**—which apply to one mode.

Each option to be defined requires you to select a displayed option or enter a value.

If asked to select an option:

- Use the arrow keys to position the highlight cursor over the desired option.
- Press *Enter*.

If asked to enter a value:

- Typically, the highlight cursor will appear over the input field; if it does not, use the arrow keys to position the highlight cursor over the input field.
- Enter (type) the desired value, using the keyboard or numeric keypad.
- Press *Enter*.

- Most windows contain an option entitled *Previous Menu*. This option returns you to the previous menu after completing a definition. If you are not returned to the previous menu, or you want to return without altering the default or previously defined value, select the *Previous Menu* option.

To select the *Previous Menu* option:

— Use the arrow keys to position the highlight cursor over the *Previous Menu* option or press the Pagedown key to automatically position the highlight cursor over the *Previous Menu* option.

— Press *Enter*.

- If a message is received which indicates that an accessory is not installed, press *Enter* to continue. This message indicates that the option selected requires an accessory which is not physically installed and/or properly defined to the software. In either instance, contact your Kodak service representative to properly install and/or define the accessory.
- If a message is received which indicates that a selection is not available, press *Enter* to continue. This message indicates that the option selected is not available in the mode selected, or for the machine configuration.

## Using the Mode Setup Software Questionnaire and Instructions

There are two pieces of documentation designed for use with the Mode Setup Software: the Installation Instructions, which provide information on how to install, access and use the software to define the available options; and the Installation Questionnaire, which provides a convenient form on which to record all of the machine and mode definitions.

## Logout procedure

Once you have completed the installation, perform the following steps to logout of the system.

From the Machine Configuration window:

- Select *End Session* to exit to DOS.

or

From the Mode Configuration window:

- Select *Save & End Session* if you wish to save all of the definitions and return to the Configuration Selection window.
- Select *End Session* from the Configuration Selection window to exit to DOS.

## 2 Scanner configuration items

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### Accessing the Configuration Items Menu

Configuration Items	Setting	DIGITAL SCIENCE Status
Display Language	English	READY
Measurement System	Inch	
Date Format	1990/10/10	
Time Format	00:00	
Set Time and Date		
Confirmation Tone Volume	Soft	
Confirmation Tones	Enabled	
Fixed Field Delimiter	Period (.)	
Printer Messages		
Version Numbers		
Load scanner from laptop		
Load laptop from scanner		
Mode Configuration		
End Session		



## Display language

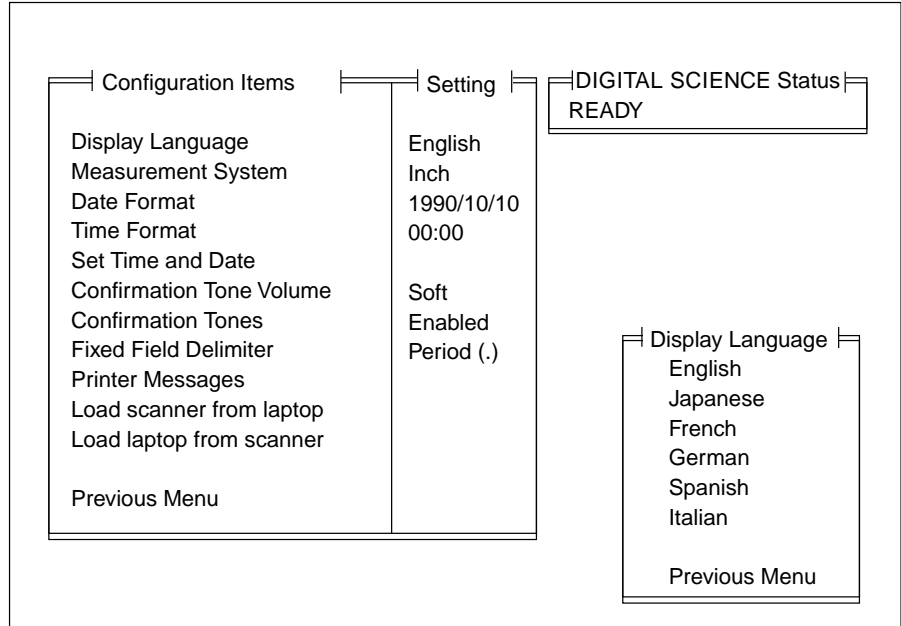
Display language defines the primary display language.

The default is *English*.

The options are: *English* or *Japanese* (displayed in Katakana characters).

- Select *Display Language* from the Configuration Items window.

NOTE: Other languages may appear in the Display Language box; however, only English and Japanese are supported.



- Select the desired language option.

NOTE: The display language may also be altered using Function Code F19—Display Language.

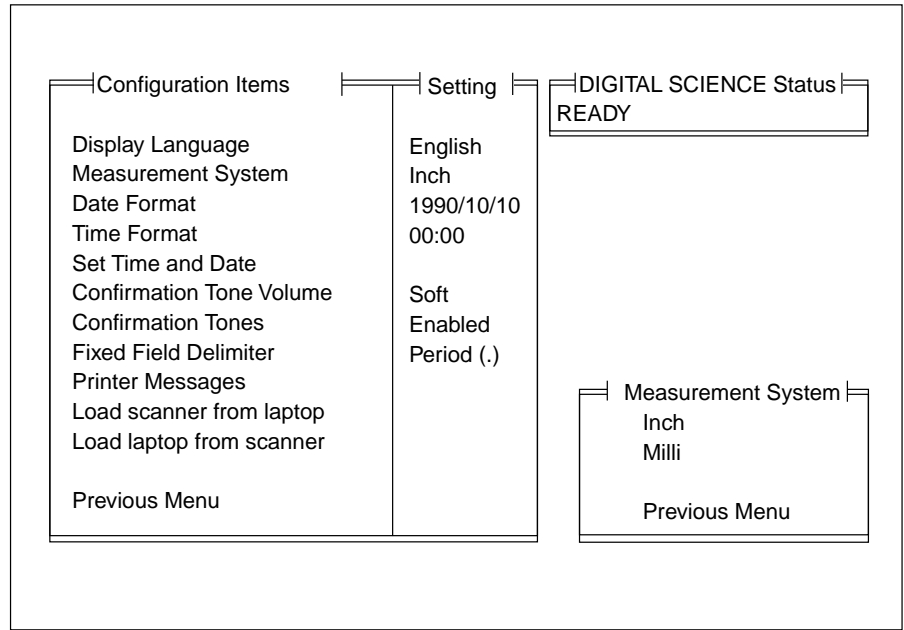
## Measurement system

Measurement system defines the primary measurement system.

The default is *Inch*.

The options are:

- *Inch*—uses inches as the primary unit of measure.
- *Milli*—uses millimetres as the primary unit of measure.
- Select *Measurement System* from the Configuration Items window.



- Select the desired unit of measurement.

NOTE: The measurement system may also be altered using Function Code F20—Measurement System.

## Date format

Date format defines the date display format; both the date format and delimiter.

The default format is *mmddy*.

The default delimiter is a slash (/).

Refer to *Description 1: Date Format Samples* for a description of the available options.

- Select *Date Format* from the Configuration Items window.

The screenshot shows a 'Configuration Items' window with a 'Setting' column and a 'DIGITAL SCIENCE Status' window showing 'READY'. The 'Date Format' section lists various formats and their ranges: yyyyymmdd (mm = [01-12]), mmddy (mmm = [JAN, FEB, MAR...]), mmdd (dd = [01-31]), ddmmmyy (ddd = [001-366]), ddmmm, mmyy (y = [0-9]), yddd (yy = [00-99]), yyddd (yyy = [1990-2089]), and ddmmyy. The 'Date Delimiter' section lists: Slash ("/"), Dash ("-"), Period ("."), and Space (" ").

- Select the desired date format.
- Select the desired date delimiter.

### Description 1: Date Format Samples

Sample Date March 1, 1994	Slash	Dash	Period	Space
<b>mmddy</b>	03/01/94	03-01-94	03.01.94	03 01 94
<b>mmdd</b>	03/01	03-01	03.01	03 01
<b>ddmmyy</b>	01/MAR/94	01-MAR-94	01.MAR.94	01 MAR 94
<b>ddmmm</b>	01/MAR	01-MAR	01.MAR	01 MAR
<b>mmyy</b>	03/94	03-94	03.94	03 94
<b>yddd</b>	94/060	94-060	94.060	94 060
<b>ddmmyy</b>	01/03/94	01-03-94	01.03.94	01 03 94
<b>yddd</b>	4/060	4-060	4.060	4 060
<b>yyyymmdd</b>	1994/03/01	1994-03-01	1994.03.01	1994 03 01

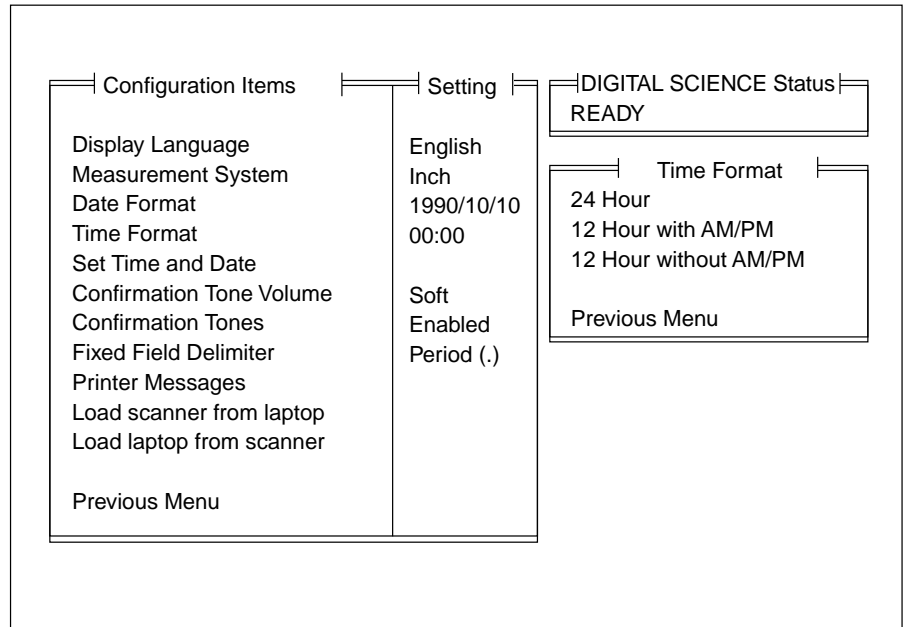
## Time format

Time format defines the time display format.

The default is *12 hour with AM/PM*.

Refer to *Description 2: Time Format Samples* for a description of the available options.

- Select *Time Format* from the Configuration Items window.



- Select the desired time format.

### Description 2: Time Format Samples

Time Format	What Is Printed
<b>24 hour</b>	17:00
<b>12 hour with AM/PM</b>	5:00 PM
<b>12 hour without AM/PM</b>	5:00

## Set time and date

Set time and date sets the system clock.

The default time is 00:00; the default date is 10/10/90.

The options are:

- to set each individual time and date field separately.
- transfer the internal time and date settings of the computer used during configuration to set the system clock.
- Select *Set Time and Date* from the Configuration Items window and press Enter.

The screenshot shows a configuration window with three main sections. On the left, a list of configuration items includes 'Set Time and Date', which is highlighted. The middle section, titled 'Setting', shows the current values: English, Inch, 1990/10/10, 00:00, Soft, Enabled, and Period (.). On the right, a 'DIGITAL SCIENCE Status' window shows 'READY'. Below it, a 'Set Time and Date' sub-window is open, showing fields for 'Set Year' (10/10/1990) and 'Laptop Time' (00:04). The 'Previous Menu' option is also visible at the bottom of the sub-window.

To transfer the internal time and date settings of the computer used during configuration:

- Select *Laptop Time*. You will be asked to confirm the transfer of the time and date information.

This screenshot is similar to the previous one, but the 'Set Time and Date' sub-window now shows 'Set Year' as 10/15/1993 and 'Laptop Time' as 12:42. Below the sub-window, a confirmation dialog box is displayed with 'Yes' and 'No' options.

- Select *Yes* to initiate the transfer of the time and date information; or select *No* to cancel the transfer of the time and date information.

To set the internal time and date settings:

- Select a single field (*month, day, year, hour, or minute*) and press *Enter*.

The sample window assumes that the *month* field was selected.

<table border="1"> <tr><td colspan="2">Configuration Items</td></tr> <tr><td>Display Language</td><td>English</td></tr> <tr><td>Measurement System</td><td>Inch</td></tr> <tr><td>Date Format</td><td>1990/10/10</td></tr> <tr><td>Time Format</td><td>00:00</td></tr> <tr><td>Set Time and Date</td><td></td></tr> <tr><td>Confirmation Tone Volume</td><td>Soft</td></tr> <tr><td>Confirmation Tones</td><td>Enabled</td></tr> <tr><td>Fixed Field Delimiter</td><td>Period (.)</td></tr> <tr><td>Printer Messages</td><td></td></tr> <tr><td>Load scanner from laptop</td><td></td></tr> <tr><td>Load laptop from scanner</td><td></td></tr> <tr><td>Previous Menu</td><td></td></tr> </table>	Configuration Items		Display Language	English	Measurement System	Inch	Date Format	1990/10/10	Time Format	00:00	Set Time and Date		Confirmation Tone Volume	Soft	Confirmation Tones	Enabled	Fixed Field Delimiter	Period (.)	Printer Messages		Load scanner from laptop		Load laptop from scanner		Previous Menu		<table border="1"> <tr><td colspan="2">Setting</td></tr> <tr><td>English</td><td></td></tr> <tr><td>Inch</td><td></td></tr> <tr><td>1990/10/10</td><td></td></tr> <tr><td>00:00</td><td></td></tr> <tr><td>Soft</td><td></td></tr> <tr><td>Enabled</td><td></td></tr> <tr><td>Period (.)</td><td></td></tr> </table>	Setting		English		Inch		1990/10/10		00:00		Soft		Enabled		Period (.)		<table border="1"> <tr><td colspan="2">DIGITAL SCIENCE Status</td></tr> <tr><td colspan="2">READY</td></tr> <tr><td colspan="2">Set Time and Date</td></tr> <tr><td>Set Month</td><td>Date</td></tr> <tr><td>Set Day</td><td></td></tr> <tr><td>Set Year</td><td>10/10/1990</td></tr> <tr><td>Set Hour</td><td></td></tr> <tr><td>Set Minute</td><td></td></tr> <tr><td></td><td>Time</td></tr> <tr><td>Laptop Time</td><td>00:04</td></tr> <tr><td>Previous Menu</td><td></td></tr> </table> <p>Enter new month below</p> <input type="text" value="10"/> <p>To Change: Enter Value To Retain: Press ENTER</p>	DIGITAL SCIENCE Status		READY		Set Time and Date		Set Month	Date	Set Day		Set Year	10/10/1990	Set Hour		Set Minute			Time	Laptop Time	00:04	Previous Menu	
Configuration Items																																																																		
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Set Time and Date																																																																		
Set Month	Date																																																																	
Set Day																																																																		
Set Year	10/10/1990																																																																	
Set Hour																																																																		
Set Minute																																																																		
	Time																																																																	
Laptop Time	00:04																																																																	
Previous Menu																																																																		

To change the value of the time/date field selected:

- Enter the desired value and press *Enter*.

Valid input for each field is provided below:

Field	Valid settings
Month	1 – 12, representing January through December
Day	1 – 31, representing the day of the month
Year	1990 – 2089
Hour	0 – 23, representing 12:00 AM through 11:00 PM
Minute	0 – 59

NOTE: The valid settings should not vary, regardless of the time and date formats defined using the configuration items specified in the *Date Format* and *Time Format* sections. The settings entered here will, however, be displayed in the formats defined using configuration items specified in the *Date Format* and *Time Format* sections.

To leave the value of the time/date field selected unchanged:

- Press *Enter*.

Repeat this step for each of the time/date fields to be set.

NOTE: The time may also be altered using Function Code F21—Set Time; and the date may also be altered using Function Code F22—Set Date. Both the time and the date may be displayed (but not altered) using Function Code F23—View Date and Time.

## Confirmation tone volume

Confirmation tone volume defines the volume of the confirmation tones (for footswitch, patch reader and bar code reader).

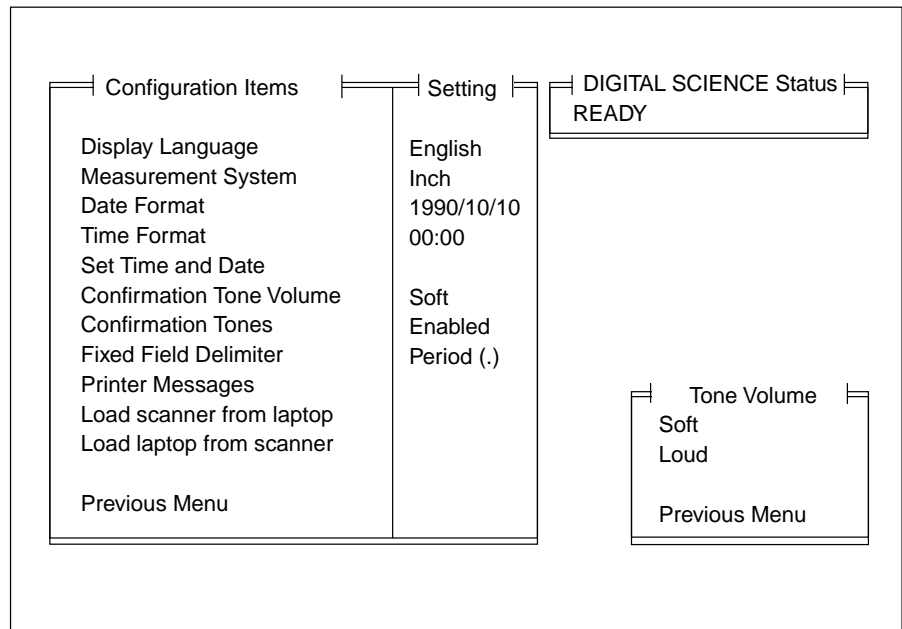
The default is *Soft*.

The options are:

— *Soft*

— *Loud*

- Select *Confirmation Tone Volume* from the Configuration Items window.



- Select the desired confirmation tone volume.

## Confirmation tones

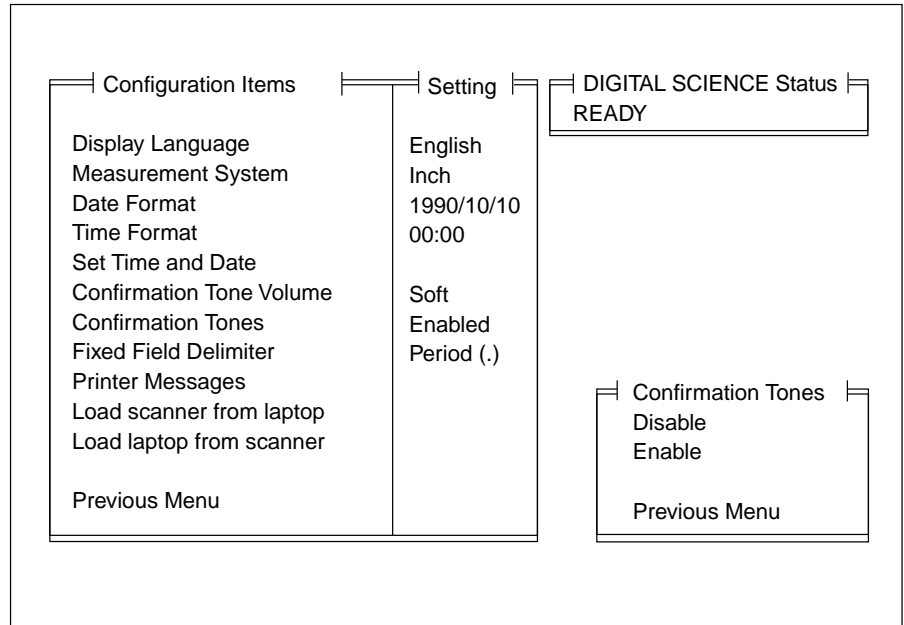
Confirmation tones enables or disables all confirmation tones (for footswitch, patch reader and bar code reader).

The default is *Enable*.

The options are:

- Enable*—indicates that confirmation tones may be used.
- Disable*—indicates that confirmation tones may not be used.

- Select *Confirmation Tones* from the Configuration Items window.



- Select *Disable* or *Enable*.

**NOTE:** If you select *Disable*, all confirmation tones are permanently disabled. If you select *Enable*, any confirmation tone (footswitch, patch reader, or document scanning array/bar code reader) must also be enabled at the mode level using the appropriate Mode Configuration item.



## Fixed field delimiter

Fixed field delimiter defines the fixed field delimiter used in the image address display.

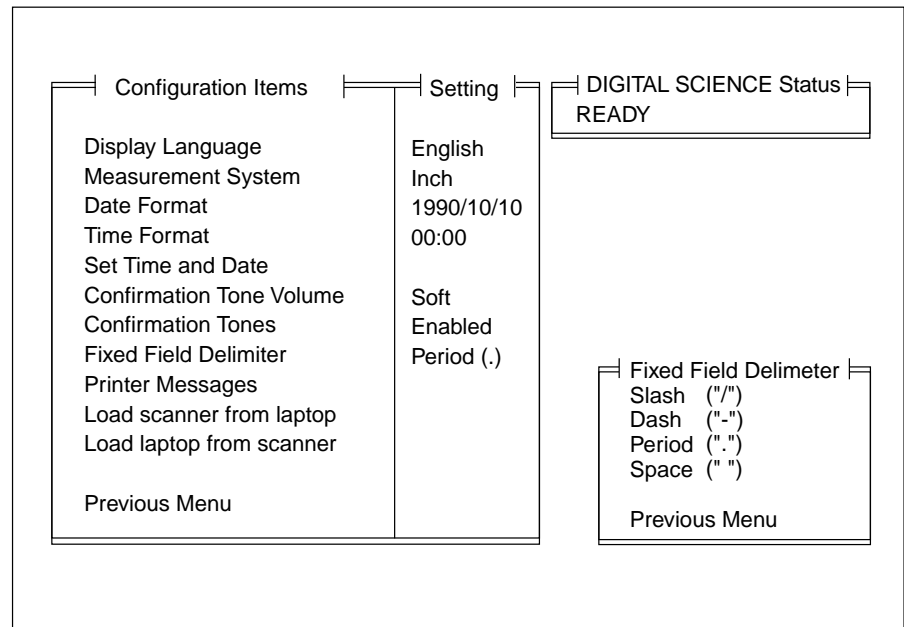
The default is *Period (.)*.

The options are:

- *Slash (/)*
- *Dash (-)*
- *Period (.)*
- *Space ( )*

Refer to *Description 3: Fixed Field Delimiter Samples* for a description of the available options.

- Select *Fixed Field Delimiter* from the Configuration Items window.



- Select the desired Fixed Field delimiter.

### Description 3: Fixed Field Delimiter Samples

Delimiter	What Is Displayed
<b>Slash (/)</b>	FFF/CC.BB.AAA
<b>Dash (-)</b>	FFF-CC.BB.AAA
<b>Period (.)</b>	FFF.CC.BB.AAA
<b>Space ( )</b>	FFF CC.BB.AAA

## Printer messages

Printer messages define the messages which may be printed by the front document printer and/or rear document printer. The messages defined here may be printed by including the desired message number in the document printer print definitions using Mode Configuration items specified in the *Front Document Printer Print Definitions* and/or *Rear Document Printer Print Definitions* sections. The default is blank messages.

The message text may have up to 38 characters. The message may contain upper- or lowercase alphanumerics and/or any other ASCII character which appears on a standard keyboard. For information regarding input of nonstandard (non-ASCII) characters, refer to *Appendix B, Language support*.

If a message already exists, the current contents of the message selected will appear in a line below the Print Messages Definition area. The input cursor will be positioned at the beginning of the message in this line.

To enter a new message:

- Select *Printer Messages* from the Configuration Items window.
- Enter your message on the next available Printer Messages line.

Msg. No.	Definition Printer Messages
1	
2	
3	
4	
5	
6	
7	
8	
9	

Prev	
------	--

To change the text of an existing message:

- Select the desired message number.
- Enter the text of the new message.
- Press *Enter* when finished.

You will be asked to confirm the replacement of the current contents of the message with the new message input: ***Replace Msg?***

- Select *Yes* to confirm replacement of the old message with the next message text in the Print Message Definition area.
- Select *No* to cancel the replacement of the old message with the new message.

## Version numbers

Display the current scanner firmware versions.

- Select *Version Numbers* from the Configuration Items Window.

Configuration Items	Setting	DIGITAL SCIENCE Status
Display Language	English	READY
Measurement System	Inch	
Date Format	1990/10/10	
Time Format	00:00	
Set Time and Date		
Confirmation Tone Volume	Soft	
Confirmation Tones	Enabled	
Fixed Field Delimiter	Period (.)	
Printer Messages		
Version Numbers		Version #1
Load scanner from laptop		CPU: 00.00
Load laptop from scanner		DPC: 00.00
		BCR: 00.00
		OCR: 00.00
		Laptop: 00.00
Mode Configuration		
End Session		Strike any key

## Load scanner from laptop

Used to upload a configuration file from diskette to the Scanner 5500/7500.

- Select *Load Scanner from Laptop* from the Configuration Items window.

Configuration Items	Setting	DIGITAL SCIENCE Status
Display Language	English	READY
Measurement System	Inch	
Date Format	1990/10/10	
Time Format	00:00	
Set Time and Date		
Confirmation Tone Volume	Soft	
Confirmation Tones	Enabled	
Fixed Field Delimiter	Period (.)	
Printer Messages		
Version Numbers		
Load scanner from laptop		
Load laptop from scanner		
Mode Configuration		
End Session		

The following window will appear:

Please Enter the Name of the  
Configuration File to Send to DIGITAL SCIENCE.

File Name + <ENTER> = User Selected File  
<ENTER> or Blank(s) + <ENTER> = Return to Previous Menu  
<HOME> = Change Disk Drive (A: or C:)

Configuration File List:

- Enter the filename to upload and press *Enter*.

## Load laptop from scanner

Used to download a configuration file from the Scanner 5500/7500 onto diskette. This is useful in creating configuration files which may be transported to other *Digital Science* Scanners. This is also used to create backup files. This option should be performed any time an installation or setup change is completed.

- Select *Load Laptop from Scanner* from the Configuration Items window.

Configuration Items	Setting	DIGITAL SCIENCE Status
Display Language	English	READY
Measurement System	Inch	
Date Format	1990/10/10	
Time Format	00:00	
Set Time and Date		
Confirmation Tone Volume	Soft	
Confirmation Tones	Enabled	
Fixed Field Delimiter	Period (.)	
Printer Messages		
Version Numbers		
Load scanner from laptop		
Load laptop from scanner		
Mode Configuration		
End Session		

The following window will appear:

Please Enter the Name of the  
Configuration File to Send to Laptop.

File Name + <ENTER> = User Selected File  
<ENTER> or Blank(s) + <ENTER> = Return to Previous Menu  
<HOME> = Change Disk Drive (A: or C:)

- Enter a filename (up to 8 characters long—no special characters allowed, with a file extension of *cfg*).
- Press *Enter*.

### 3 Mode configuration

#### Accessing the Mode Configuration Menu

The following section describes how to access the Mode Configuration menu, how to copy mode definitions from one mode to another, how to select a mode for definition, and how to select each item for definition.

Configuration Items	Setting	DIGITAL SCIENCE Status
Display Language	English	READY
Measurement System	Inch	
Date Format	1990/10/10	
Time Format	00:00	
Set Time and Date		
Confirmation Tone Volume	Soft	
Confirmation Tones	Enabled	
Fixed Field Delimiter	Period (.)	
Printer Messages		
Version Numbers		
Load scanner from laptop		
Load laptop from scanner		
Mode Configuration		
End Session		

- *Select Mode Configuration.*

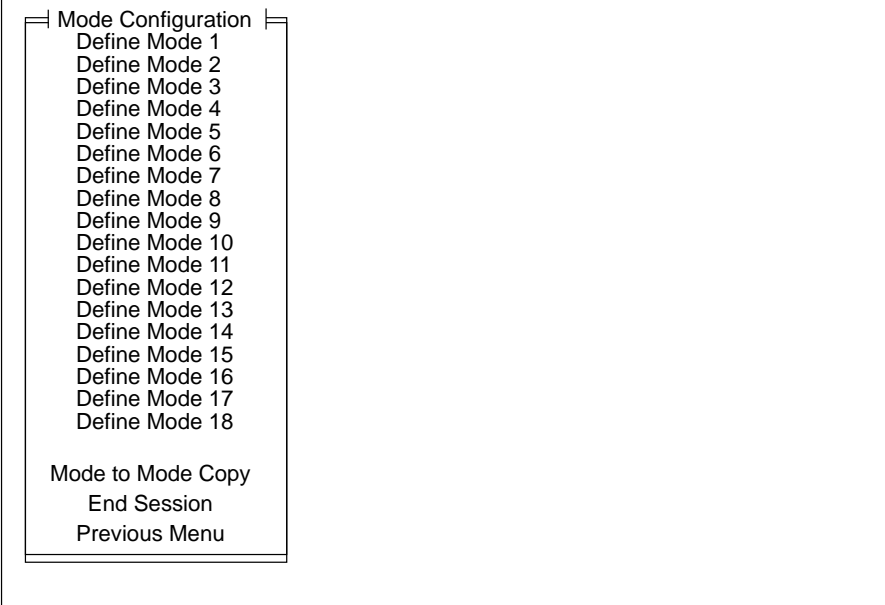
The Mode Configuration window will appear:

Mode Configuration
Define Mode 1
Define Mode 2
Define Mode 3
Define Mode 4
Define Mode 5
Define Mode 6
Define Mode 7
Define Mode 8
Define Mode 9
Define Mode 10
Define Mode 11
Define Mode 12
Define Mode 13
Define Mode 14
Define Mode 15
Define Mode 16
Define Mode 17
Define Mode 18
Mode to Mode Copy
End Session
Previous Menu

## Mode-to-mode copying

A number of modes might have similar definitions. The mode to mode copy feature allows you to fully define one mode and then copy that mode definition to another mode, saving the time and effort required to fully define each mode.

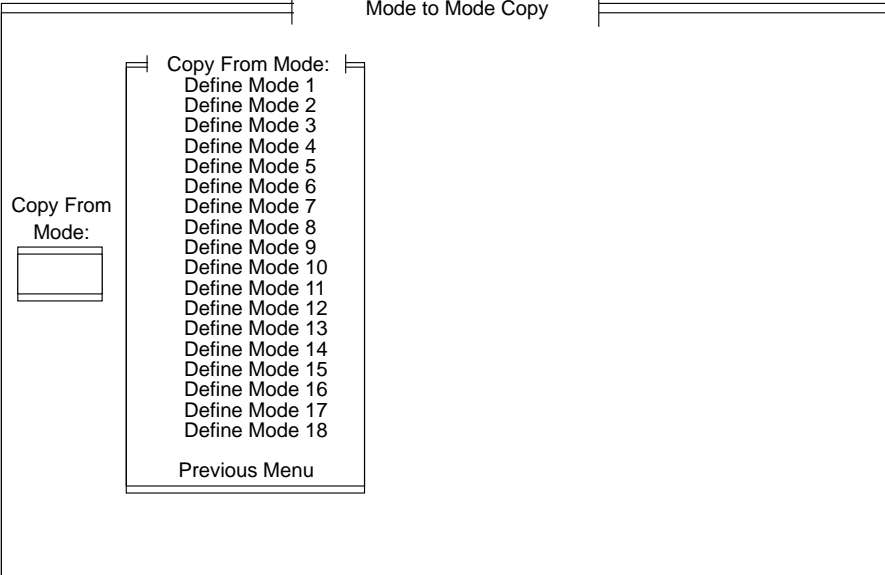
Perform the following steps to copy the definitions of one mode to another mode:



A screenshot of a menu titled "Mode Configuration". The menu items are:

- Define Mode 1
- Define Mode 2
- Define Mode 3
- Define Mode 4
- Define Mode 5
- Define Mode 6
- Define Mode 7
- Define Mode 8
- Define Mode 9
- Define Mode 10
- Define Mode 11
- Define Mode 12
- Define Mode 13
- Define Mode 14
- Define Mode 15
- Define Mode 16
- Define Mode 17
- Define Mode 18
- Mode to Mode Copy
- End Session
- Previous Menu

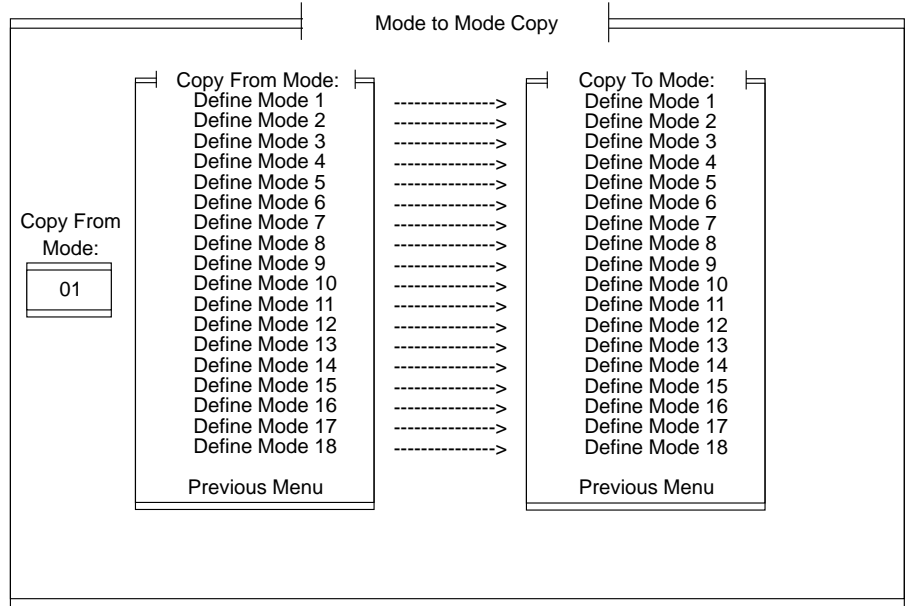
- Select *Mode to Mode Copy* from the first Mode Configuration window.



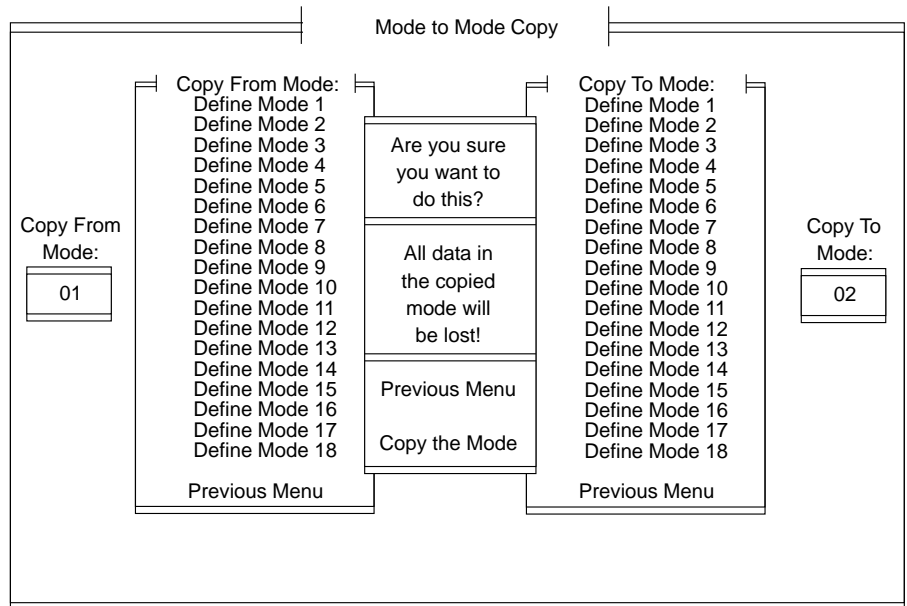
A screenshot of a menu titled "Mode to Mode Copy". On the left side, there is a label "Copy From Mode:" followed by a small rectangular input box. In the center, there is a sub-menu titled "Copy From Mode:" with the following items:

- Define Mode 1
- Define Mode 2
- Define Mode 3
- Define Mode 4
- Define Mode 5
- Define Mode 6
- Define Mode 7
- Define Mode 8
- Define Mode 9
- Define Mode 10
- Define Mode 11
- Define Mode 12
- Define Mode 13
- Define Mode 14
- Define Mode 15
- Define Mode 16
- Define Mode 17
- Define Mode 18
- Previous Menu

- Select a mode which contains the definitions you wish to copy to another mode from the *Copy From Mode* list.



- Select the mode into which you wish to copy the previously selected mode definitions from the *Copy To Mode* list.



To copy the contents of the *Copy From Mode* to the *Copy To Mode*:

- Select the *Copy the Mode* option.
- Press *Enter*.

To cancel the *Mode to Mode Copy*:

- Select *Previous Menu*. You will be returned to the Mode Configuration window.



## Selecting a mode for configuration

Perform the following steps to select a mode for configuration.

NOTE: Not all items available for definition need to be defined. If you wish to allow an item to default or have performed a Mode to Mode copy after fully defining the Copy From Mode, there is no need to define each item.

Mode Configuration
Define Mode 1
Define Mode 2
Define Mode 3
Define Mode 4
Define Mode 5
Define Mode 6
Define Mode 7
Define Mode 8
Define Mode 9
Define Mode 10
Define Mode 11
Define Mode 12
Define Mode 13
Define Mode 14
Define Mode 15
Define Mode 16
Define Mode 17
Define Mode 18
Mode to Mode Copy
End Session
Previous Menu

- Select *Define Mode x*, where x is the number of the mode you wish to configure.

The Mode Configuration window will appear:

Mode Number: 01    Mode Name: MODE01    Item #: 0.0

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Mode configuration items may be selected from this window. A detailed description of each item is provided in this section.

## Index format

Index format defines the index format used by the application mode selected.

Refer to *Description 1: Index Formats* for a description of the index formats.

The default is mode dependent; the following list provides the defaults for each mode:

Mode	Index Format
Mode 1	Single Level
Mode 2	Two Level Offset
Mode 3	Two Level
Mode 4	Three Level Offset
Mode 5	Three Level
Mode 6	Two Level
Mode 7	Two Level Offset
Mode 8 through Mode 18	Three Level

The options are:

- *Single Level*
- *Two Level*
- *Two Level Offset*
- *Three Level*
- *Three Level Offset.*

- Select *Index Format* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 1.0

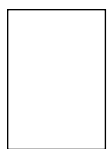
Mode Configuration				Index Format
Single	Index Format	Patch Reader	Off	Single Level Two Level Two Level Offset Three Level Three Level Offset  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

- Select the desired index format.
- Press *Enter*.

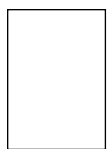
## Description 1: Index Formats

There are five Index Format options available:

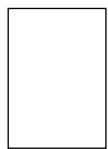
- Single Level



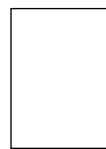
(Level 1)



(Level 1)



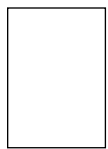
(Level 1)



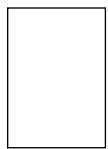
(Level 1)

Whenever a document is assigned Level 1, the image address field associated with Level 1 (Field A) is incremented.

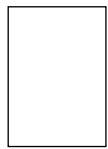
- Two Level



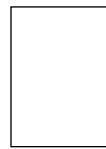
(Level 2)



(Level 1)



(Level 1)

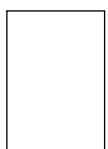


(Level 2)

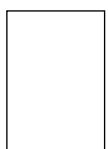
Whenever a document is assigned Level 2, the image address field associated with Level 2 (Field B) is incremented and the field associated with Level 1 (Field A) is set to zero.

Whenever a document is assigned Level 1, the image address field associated with Level 2 (Field B) is unchanged and the field associated with Level 1 (Field A) is incremented.

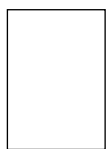
- Two Level Offset



(Level 2)



(Level 1)



(Level 1)



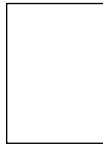
(Level 2)

Whenever a document is assigned Level 2, the image address field associated with Level 2 (Field B) is incremented.

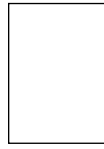
Whenever a document is assigned Level 1, the image address is unchanged.

## Description 1: Index Formats (continued)

- Three Level



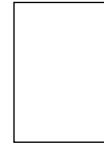
(Level 3)



(Level 2)



(Level 1)



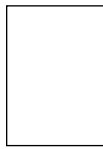
(Level 3)

Whenever a document is assigned Level 3, the image address field associated with Level 3 (Field C) is incremented and the fields associated with Level 2 (Field B) and Level 1 (Field A) are set to zero.

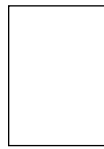
Whenever a document is assigned Level 2, the image address field associated with Level 3 (Field C) is unchanged, the field associated with Level 2 (Field B) is incremented, and the field associated with Level 1 (Field A) is set to zero.

Whenever a document is assigned Level 1, the image address fields associated with Level 3 (Field C) and Level 2 (Field B) are unchanged, and the field associated with Level 1 (Field A) is incremented.

- Three Level Offset



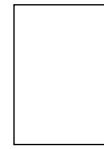
(Level 3)



(Level 2)



(Level 1)



(Level 3)

Whenever a document is assigned Level 3, the image address field associated with Level 3 (Field C) is incremented and the field associated with Level 2 (Field B) is set to zero.

Whenever a document is assigned Level 2, the image address field associated with Level 3 (Field C) is unchanged, and the field associated with Level 2 (Field B) is incremented.

Whenever a document is assigned Level 1, the image address is unchanged.

## IA Field width

IA Field width defines the image address (IA) field widths.

Refer to *Description 2: Image Address Fields* for a description of proper field definitions.

- Select *IA Field Width* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 2.0

Mode Configuration				Field
Single	Index Format	Patch Reader	Off	<div style="border: 1px solid black; padding: 5px;"> Field A  Field B  Field C  Fixed Field   Previous Menu </div>
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

The following pages provide instructions on how to define the image address field widths. When the field width definitions are complete, you will automatically be returned to this window.

To close the *Field* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

## Field A (Level 1)

Field A represents Level 1. Its value is incremented when a small image mark is placed next to a document and/or a document is assigned Level 1.

- Select *Field A*.

Refer to *Description 3: Image Address Field Width Defaults* for a complete listing of the default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 2.x

Mode Configuration				Field
Single	Index Format	Patch Reader	Off	Field A
6006	IA Field Width	COIN2 Port Select	n/a	Field B
3111	Level Rules	OCR	n/a	Field C
Supprs	IA Display Format	Bar Code Reader	Off	Fixed Field
FthenR	Adjoining IA	Print Controller	Supprs	Previous Menu
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Select IA Field Width

0 1 2 3 4 5 6 7 8 9

- Select the desired IA field width (0–9) of Field A (Level 1).
- Press *Enter*.

**Field B (Level 2)**

Field B represents Level 2. Its value is incremented when a medium image mark is placed next to a document and/or a document is assigned Level 2.

- Select *Field B*.

Refer to *Description 3: Image Address Field Width Defaults* for a complete listing of the default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 2.x

Mode Configuration				Field
Single	Index Format	Patch Reader	Off	<div style="border: 1px solid black; padding: 5px;">                     Field A                      Field B                      Field C                      Fixed Field                       Previous Menu                 </div>
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Select IA Field Width

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

- Select the desired field width (0–9) of Field B (Level 2).
- Press *Enter*.

### Field C (Level 3)

Field C represents Level 3. Its value is incremented when a large image mark is placed next to a document and/or a document is assigned Level 3.

- Select *Field C*.

Refer to *Description 3: Image Address Field Width Defaults* for a complete listing of the default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 2.x

Mode Configuration				Field
Single	Index Format	Patch Reader	Off	Field A
6006	IA Field Width	COIN2 Port Select	n/a	Field B
3111	Level Rules	OCR	n/a	Field C
Supprs	IA Display Format	Bar Code Reader	Off	Fixed Field
FthenR	Adjoining IA	Printr Controller	Supprs	Previous Menu
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Select IA Field Width

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

- Select the desired IA field width (0–9) of Field C (Level 3).
- Press *Enter*.



**Fixed field**

Fixed field contains fixed information, typically the date.

- Select *Fixed Field*.

Refer to *Description 3: Image Address Field Width Defaults* for a complete listing of the default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 2.x

Mode Configuration				Field
Single	Index Format	Patch Reader	Off	Field A
6006	IA Field Width	COIN2 Port Select	n/a	Field B
3111	Level Rules	OCR	n/a	Field C
Supprs	IA Display Format	Bar Code Reader	Off	Fixed Field
FthenR	Adjoining IA	Print Controller	Supprs	Previous Menu
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Select IA Field Width

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

- Select the desired IA field width (0–9) of the Fixed Field.
- Press *Enter*.

## **Description 2: Image Address Fields**

An image address is a unique identifier assigned to each individual document by the Scanner 5500 or 7500.

An image address may contain up to 15 characters; consisting of a maximum of 12 digits and a maximum of 3 delimiters.

Four fields must be defined:

- Field A represents Level 1. Its value is incremented when a small image mark is placed next to a document and/or a document is assigned Level 1.
- Field B represents Level 2. Its value is incremented when a medium image mark is placed next to a document and/or a document is assigned Level 2.
- Field C represents Level 3. Its value is incremented when a large image mark is placed next to a document and/or a document is assigned Level 3.
- Fixed Field contains fixed information; typically, the date.

Example:

0 3 0 1 . 0 2 . 0 0 1 . 0 0 0

where:   Field A contains 000  
              Field B contains 001  
              Field C contains 02  
              Fixed Field contains 0301

The image address field lengths are dependent upon the index format chosen earlier:

- Single Level (Example: FFF.AAA)  
Field A is defined as having a field length greater than zero (1–9).  
Field B is defined as having a field length of zero (0).  
Field C is defined as having a field length of zero (0).  
Fixed Field may be defined, if desired (0–9).
- Two Level (Example: FFF.BBB.AAA)  
Field A is defined as having a field length greater than zero (1–9).  
Field B is defined as having a field length greater than zero (1–9).  
Field C is defined as having a field length of zero (0).  
Fixed Field may be defined, if desired (0–9).
- Two Level Offset (Example: FFF.BBB)  
Field A is defined as having a field length of zero (0).  
Field B is defined as having a field length greater than zero (1–9).  
Field C is defined as having a field length of zero (0).  
Fixed Field may be defined, if desired (0–9).
- Three Level (Example: FFF.CCC.BBB.AAA)  
Field A is defined as having a field length greater than zero (1–9).  
Field B is defined as having a field length greater than zero (1–9).  
Field C is defined as having a field length greater than zero (1–9).  
Fixed Field may be defined, if desired (0–9).
- Three Level Offset (Example: FFF.CCC.BBB)  
Field A is defined as having a field length of zero (0).  
Field B is defined as having a field length greater than zero (1–9).  
Field C is defined as having a field length greater than zero (1–9).  
Fixed Field may be defined, if desired (0–9).

**Description 3: Image Address Field Width Defaults**

The default field widths for each mode are provided below:

	<b>Fixed Field</b>	<b>Field C Level 3</b>	<b>Field B Level 2</b>	<b>Field A Level 1</b>	<b>Example</b>
<b>Mode 1</b>	6	0	0	6	FFFFFF.AAAAAA
<b>Mode 2</b>	6	0	6	0	FFFFFF.BBBBBB
<b>Mode 3</b>	6	0	3	3	FFFFFF.BBB.AAA
<b>Mode 4</b>	6	3	3	0	FFFFFF.CCC.BBB
<b>Mode 5</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 6</b>	6	0	4	2	FFFFFF.BBBB.AA
<b>Mode 7</b>	6	0	6	0	FFFFFF.BBBBBB
<b>Mode 8</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 9</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 10</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 11</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 12</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 13</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 14</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 15</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 16</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 17</b>	4	2	3	3	FFFF.CC.BBB.AAA
<b>Mode 18</b>	4	2	3	3	FFFF.CC.BBB.AAA

## Level rules

Level rules define the level of a document based upon the level of the previous document. These definitions are used as defaults when the document level is not determined by another method (i.e., footswitch, level key, etc).

- Select *Level Rules* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 3.0

Mode Configuration				Level
Single	Index Format	Patch Reader	Off	Level 0
6006	IA Field Width	COIN2 Port Select	n/a	Level 1
3111	Level Rules	OCR	n/a	Level 2
Supprs	IA Display Format	Bar Code Reader	Off	Level 3
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

The following pages provide instructions on how to define the level rules, based upon the definition made using the **Index Format** option. When the level rule definitions are complete, you will automatically be returned to this window.

To close the *Level* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

**Level to follow level 0**

NOTE: This menu option is a valid selection when using any of the available index formats defined using the **Index Format** option.

- Select *Level 0*.

Refer to *Description 4: Level Rule Options and Defaults* for a complete listing of the valid selections and default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 3.1

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Level

Level 0

Level 1

Level 2

Level 3

Previous Menu

Lv To Follow Lv 0

Level 0

Level 1

Level 2

Level 3

Previous Menu

- Select the desired document level from the *Lv To Follow Lv 0* menu.
- Press *Enter*.
  - If the document level selected is valid, the *Lv To Follow Lv 0* menu will close and another level may be chosen from the *Level* menu.
  - If the document level selected is **not** valid, based upon the Index Format already selected, an error message, such as; **Bad Level (Level 2) for a Single-Level system. Press <ENTER> key will appear.**

To clear the message:

- Press *Enter* and select a valid document level.

## Level to follow level 1

NOTE: This menu option is a valid selection when using any of the available index formats defined using the **Index Format** option.

- Select *Level 1*.

Refer to *Description 4: Level Rule Options and Defaults* for a complete listing of the valid selections and default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 3.2

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE01
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Level

Level 0

Level 1

Level 2

Level 3

Previous Menu

Lv To Follow Lv 1

Level 0

Level 1

Level 2

Level 3

Previous Menu

- Select the desired document level from the *Lv To Follow Lv 1* menu.
- Press *Enter*.
  - If the document level selected is valid, the *Lv To Follow Lv 1* menu will close and another level may be chosen from the *Level* menu.
  - If the document level selected is **not** valid, based upon the Index Format already selected, an error message, such as; **Bad Level (Level 2) for a Single-Level system. Press <ENTER> key** will appear.

To clear the message:

- Press *Enter* and select a valid document level.

## Level to follow level 2

NOTE: This menu option is a valid selection only when using any of the two-level (two level or two level offset) or three-level (three level or three level offset) index formats defined using the **Index Format** option.

- Select *Level 2*.

Refer to *Description 4: Level Rule Options and Defaults* for a complete listing of the valid selections and default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 3.3

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE01
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Level
Level 0
Level 1
Level 2
Level 3
Previous Menu

Lv To Follow Lv 2
Level 0
Level 1
Level 2
Level 3
Previous Menu

- Select the desired document level from the *Lv To Follow Lv 2* menu.
- Press *Enter*.
  - If the document level selected is valid, the *Lv To Follow Lv 2* menu will close and another level may be chosen from the *Level* menu.
  - If the document level selected is **not** valid, based upon the Index Format already selected, an error message, such as; **Bad Level (Level 3) for a Single-Level system. Press <ENTER> key** will appear.

To clear the message:

- Press *Enter* and select a valid document level.

### Level to follow level 3

NOTE: This menu option is a valid selection only when using any of the three-level (three level or three level offset) index formats defined using the **Index Format** option.

- Select *Level 3*.

Refer to *Description 4: Level Rule Options and Defaults* for a complete listing of the valid selections and default values for each mode.

Mode Number: 01    Mode Name: MODE01    Item #: 3.4

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE01
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Level

Level 0

Level 1

Level 2

Level 3

Previous Menu

Lv To Follow Lv 3

Level 0

Level 1

Level 2

Level 3

Previous Menu

- Select the desired document level from the *Lv To Follow Lv 3* menu.
- Press *Enter*.
  - If the document level selected is valid, the *Lv To Follow Lv 3* menu will close and another level may be chosen from the *Level* menu.
  - If the document level selected is **not** valid, based upon the Index Format already selected, an error message, such as; **Bad Level (Level 2) for a Single-Level system. Press <ENTER> key** will appear.

To clear the message:

- Press *Enter* and select a valid document level.



**Description 4: Level Rule Options and Defaults**

The default level rules for each mode are provided below:

	<b>Level 0 is followed by</b>	<b>Level 1 is followed by</b>	<b>Level 2 is followed by</b>	<b>Level 3 is followed by</b>
<b>Mode 1</b>	Level 1	Level 1	Level 1	Level 3
<b>Mode 2</b>	Level 2	Level 1	Level 2	Level 3
<b>Mode 3</b>	Level 2	Level 1	Level 2	Level 3
<b>Mode 4</b>	Level 3	Level 1	Level 2	Level 2
<b>Mode 5</b>	Level 2	Level 1	Level 2	Level 2
<b>Mode 6</b>	Level 2	Level 2	Level 2	Level 3
<b>Mode 7</b>	Level 2	Level 2	Level 2	Level 3
<b>Mode 8</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 9</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 10</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 11</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 12</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 13</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 14</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 15</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 16</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 17</b>	Level 2	Level 1	Level 1	Level 2
<b>Mode 18</b>	Level 2	Level 1	Level 1	Level 2

**Description 4: Level Rule Options and Defaults (continued)**

The valid level rule options for each index format are provided below:

	<b>Level 0 may be followed by</b>	<b>Level 1 may be followed by</b>	<b>Level 2 may be followed by</b>	<b>Level 3 may be followed by</b>
<b>Single Level</b>	Level 0 Level 1	Level 0 Level 1	n/a	n/a
<b>Two Level</b>	Level 0 Level 1 Level 2	Level 0 Level 1 Level 2	Level 0 Level 1 Level 2	n/a
<b>Two Level Offset</b>	Level 0 Level 1 Level 2	Level 0 Level 1 Level 2	Level 0 Level 1 Level 2	n/a
<b>Three Level</b>	Level 0 Level 1 Level 2 Level 3	Level 0 Level 1 Level 2 Level 3	Level 0 Level 1 Level 2 Level 3	Level 0 Level 1 Level 2 Level 3
<b>Three Level Offset</b>	Level 0 Level 1 Level 2 Level 3	Level 0 Level 1 Level 2 Level 3	Level 0 Level 1 Level 2 Level 3	Level 0 Level 1 Level 2 Level 3

## IA Display format

Defines the format of the image address display which appears on the control panel.

The default for all modes is *Suppress Leading Zeroes*.

The options are:

— *Display Leading Zeroes* (i.e., 001.002.003.004)

— *Suppress Leading Zeroes* (i.e., 001. 2. 3. 4)

- Select *IA Display Format* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 4.0

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Examples of Formats

Display: 001.002.003.004

Suppress: 001. 2. 3. 4

IA Display Format

Display Leading Zeroes

Suppress Leading Zeroes

Previous Menu

- Select the desired image address display format.
- Press *Enter*.

## Adjoining IA

Defines the image address assigned to the rear side image of a document scanned in duplex mode.

The default for all modes is *Front then Rear*.

The options are:

- *Sequential*—indicates that the rear side image of a document scanned in duplex mode will be assigned a unique image address—incremented from the image address assigned to the front side image.
  - *Front then Rear*—indicates that the rear side image of a document scanned in duplex mode will be assigned the same image address that the front side image was assigned.
- Select *Adjoining IA* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 5.0

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Adjoining IA  
Sequential  
Front then Rear

Previous Menu

- Select the desired adjoining image address assignment scheme.
- Press *Enter*.

## Batching

Batching defines the number of documents of a specified level to process prior to performing a predefined action.

The batching option is *not available*.

- If you select *Batching* from the Mode Configuration window, the following message will appear: **Selection is not available**.
- Press *Enter* to close the message.
- Make another selection from the Mode Configuration window.

## Length monitor

Length monitor defines the options required to enable/disable the document length monitor, set the minimum and maximum document lengths acceptable, and what action is to be taken when a document shorter than the minimum length or longer than the maximum length is fed into the Scanner 5500/7500.

- Select *Length Monitor* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 7.0			
Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
Length Monitor			
On/Off			
Minimum Length			
Maximum Length			
Error Response			
Previous Menu			

The following pages provide instructions on how to define the document length monitor options. When the length monitor definitions are complete, you will automatically be returned to this window.

To close the *Length Monitor* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

## On/off

Enables or disables length monitoring.

The default for all modes is *Disable*.

The options are:

— *Disable*—disables all length monitoring.

— *Enable*—enables all length monitoring.

NOTE: If *Disable* is selected, definitions for the remaining document length monitor options will be ignored.

- Select *On/Off* from the Length Monitor menu.

Mode Number: 01    Mode Name: MODE01    Item #: 7.1			
Mode Configuration			
Single 6006 3111 Supprs FthenR None Off Off NA NA	Index Format IA Field Width Level Rules IA Display Format Adjoining IA Batching Length Monitor Skew Monitor Footswitch	Patch Reader COIN2 Port Select OCR Bar Code Reader Print Controller Front Printer Rear Printer Mode Name Overrides	Off n/a n/a Off Supprs Off Off MODE0 No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
Length Monitor			
On/Off Minimum Length Maximum Length Error Response  Previous Menu			
Length Monitor			
Disable Enable  Previous Menu			

- Select *Disable* or *Enable*.

- Press *Enter*.

## Minimum length

Defines the minimum document length accepted.

The default for all modes is *2.500 inches / 64 mm*.

The options are:

— Within the range of 2.500 inches / 64 mm minimum to 20.000 inches / 508 mm maximum.

- Select *Minimum Length* from the Length Monitor menu.

Mode Number: 01   Mode Name: MODE01   Item #: 7.2			
Mode Configuration			
Single 6006 3111 Supprs FthenR None Off Off NA NA	Index Format IA Field Width Level Rules IA Display Format Adjoining IA Batching Length Monitor Skew Monitor Footswitch	Patch Reader COIN2 Port Select OCR Bar Code Reader Print Controller Front Printer Rear Printer Mode Name Overrides	Off n/a n/a Off Supprs Off Off MODE0 No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
Use Arrow Keys to Set			
→ Increase value by 0.125 inch or 1mm			
← Decrease value by 0.125 inch or 1mm			
▲ Increase value by 1.250 inch or 20mm			
▼ Decrease value by 1.250 inch or 20mm			
Length Monitor			
On/Off			
Minimum Length			
Maximum Length			
Error Response			
Previous Menu			
Enter Min. Doc. Length Range: 2.500 . . . 20.000			
2.500			

- Enter the desired minimum document length using the numeric keys;

or

- Use the arrow keys to increase or decrease the current minimum document length to the desired minimum document length:

— The left arrow key will decrease the value in 0.125 inch or 1 mm increments.

— The right arrow key will increase the value in 0.125 inch or 1 mm increments.

— The down arrow key will decrease the value in 1.250 inch or 20 mm increments.

— The up arrow key will increase the value in 1.250 inch or 20 mm increments.

- Press *Enter*.

## Maximum length

Defines the maximum document length accepted.

The default for all modes is *13.000 inches / 330 mm*.

The options are:

— Within the range of 2.500 inches / 64 mm minimum to 20.000 inches / 508 mm maximum.

- Select *Maximum Length* from the Length Monitor menu.

Mode Number: 01    Mode Name: MODE01    Item #: 7.3			
Mode Configuration			
Single 6006 3111 Supprs FthenR None Off Off NA NA	Index Format IA Field Width Level Rules IA Display Format Adjoining IA Batching Length Monitor Skew Monitor Footswitch	Patch Reader COIN2 Port Select OCR Bar Code Reader Print Controller Front Printer Rear Printer Mode Name Overrides	Off n/a n/a Off Supprs Off Off MODE0 No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
Use Arrow Keys to Set			
→ Increase value by 0.125 inch or 1mm			
← Decrease value by 0.125 inch or 1mm			
▲ Increase value by 1.250 inch or 20mm			
▼ Decrease value by 1.250 inch or 20mm			
Length Monitor			
On/Off			
Minimum Length			
Maximum Length			
Error Response			
Previous Menu			
Enter Max. Doc. Length Range: 2.500 . . . 20.000			
13.000			

- Enter the desired maximum document length using the numeric keys;
- or
- Use the arrow keys to increase or decrease the current minimum document length to the desired maximum document length:
  - The left arrow key will decrease the value in 0.125 inch or 1 mm increments.
  - The right arrow key will increase the value in 0.125 inch or 1 mm increments.
  - The down arrow key will decrease the value in 1.250 inch or 20 mm increments.
  - The up arrow key will increase the value in 1.250 inch or 20 mm increments.
- Press *Enter*.

NOTE: A maximum document length of 17.000 inches / 432 mm or less is recommended based upon the capacity of the exit hopper.



## Error response

Error response defines the action taken when a document shorter than the minimum length or longer than the maximum length is fed into the Scanner 5500/7500.

The default for all modes is *Display and Beep*.

The options are:

- *Display Error Message*—results in an error message appearing on the Operator Control Panel (E106–Doc Length Monitor Warning).
- *Display and Beep*—results in an error message appearing on the Operator Control Panel (E106–Doc Length Monitor Warning), accompanied by an error tone.
- *Stop, Display, & Beep*—which results in the transport shutting down, and an error message appearing on the Operator Control Panel (E214–Re-Scan-Length Monitr Er), accompanied by an error tone.

- Select *Error Response* from the Length Monitor menu.

Mode Number: 01    Mode Name: MODE01    Item #: 7.4

Mode Configuration				Length Monitor
Single	Index Format	Patch Reader	Off	<div style="border: 1px solid black; padding: 5px;">                     On/Off                      Minimum Length                      Maximum Length                      Error Response                       Previous Menu                 </div>
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Printr Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		<div style="border: 1px solid black; padding: 5px;">                     Error Response                      Display Error Message                      Display and Beep                      Stop, Display, &amp; Beep                       Previous Menu                 </div>

- Select the desired error response.

- Press *Enter*.

## Skew monitor

Skew monitor defines the options required to enable/disable the document skew monitor, set the amount of acceptable document skew, and what action is to be taken when document skew is detected.

NOTE: In order for the skew monitor to operate correctly, the following conditions must be true:

- The amount of skew must be less than 30 degrees.
- The document(s) must be center-fed.
- The document(s) fed must be at least 3 inches / 75 mm wide.

- Select *Skew Monitor* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 8.0

Mode Configuration				Skew Monitor
Single	Index Format	Patch Reader	Off	On/Off Detection Range Error Response  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

The following pages provide instructions on how to define the document skew monitor options. When the skew monitor definitions are complete, you will automatically be returned to this window.

To close the *Skew Monitor* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

## On/off

The on/off enables or disables skew monitoring.

The default for all modes is *Disable*.

The options are:

— *Disable*—disables all skew monitoring.

— *Enable*—enables all skew monitoring.

NOTE: If *Disable* is selected, definitions for the remaining document skew monitor options will be ignored.

- Select *On/Off* from the Skew Monitor menu.

Mode Number: 01    Mode Name: MODE01    Item #: 8.1			
Mode Configuration			
Single 6006 3111 Supprs FthenR None Off Off NA NA	Index Format IA Field Width Level Rules IA Display Format Adjoining IA Batching Length Monitor Skew Monitor Footswitch	Patch Reader COIN2 Port Select OCR Bar Code Reader Print Controller Front Printer Rear Printer Mode Name Overrides	Off n/a n/a Off Supprs Off Off MODE0 No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
Skew Monitor			
On/Off Detection Range Error Response			
Previous Menu			
Skew Monitor			
Disable Enable			
Previous Menu			

- Select *Disable* or *Enable*.

- Press *Enter*.

## Detection range

Detection range defines the amount of tolerable skew.

The default for all modes is *10–30 degrees*.

The options are:

- *5–30 degrees*—results in an error being reported if the amount of document skew is between 5 and 30 degrees.
- *10–30 degrees*—results in an error being reported if the amount of document skew is between 10 and 30 degrees.

- Select *Detection Range* from the Skew Monitor menu.

Mode Number: 01    Mode Name: MODE01    Item #: 8.2

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Skew Monitor

On/Off  
Detection Range  
Error Response

Previous Menu

Detection Range

5 – 30 Degrees  
10 – 30 Degrees

Previous Menu

- Select the desired skew detection range.
- Press *Enter*.

## Error response

Error response defines the action taken when a document skew is detected.

The default for all modes is *Display and Beep*.

The options are:

- *Display Error Message*—results in an error message appearing on the Operator Control Panel (E107–Doc Skew Monitor Warning).
- *Display and Beep*—results in an error message appearing on the Operator Control Panel (E107–Doc Skew Monitor Warning), accompanied by an error tone.
- *Stop, Display, & Beep*—results in the transport shutting down, and an error message appearing on the Operator Control Panel (E204–Re-Scan-Skew Monitor Er), accompanied by an error tone.

- Select *Error Response* from the Skew Monitor menu.

Mode Number: 01    Mode Name: MODE01    Item #: 8.3

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Skew Monitor
On/Off
Detection Range
Error Response
Previous Menu

Error Response
Display Error Message
Display and Beep
Stop, Display, & Beep
Previous Menu

- Select the desired error response.
- Press *Enter*.

## Footswitch

Footswitch defines the options required when using the footswitch accessory.

- Select *Footswitch* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 9.0

Mode Configuration				Footswitch
Single	Index Format	Patch Reader	Off	Press Definition Confirmation Tone Release Definition  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Printr Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

The following pages provide instructions on how to define the footswitch options. When the footswitch definitions are complete, you will automatically be returned to this window.

To close the *Footswitch* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

## Press definition

Press definition defines the action which is taken when the footswitch is pressed.

The default for all modes is *No Action*.

The options are:

- Level 0—document Level 0 will be assigned to the next document.
- *Level 1*—document Level 1 will be assigned to the next document.
- *Level 2*—document Level 2 will be assigned to the next document.
- *Level 3*—document Level 3 will be assigned to the next document.
- *Increment*—results in the next document being assigned the next document level, based upon the Level Rules established using the **Level Rules** option.
- *No Action*—results in no action taking place when the footswitch is pressed.

- Select *Press Definition* from the Footswitch menu.

Mode Number: 01    Mode Name: MODE01    Item #: 9.1

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Footswitch
Press Definition
Confirmation Tone
Release Definition
Previous Menu

Press Definition
Level 0
Level 1
Level 2
Level 3
Increment
No Action
Previous Menu

- Select the desired action.
- Press *Enter*.

## Confirmation tone

Confirmation tone enables or disables the Confirmation Tone which sounds when the Footswitch is pressed or released.

The default for all modes is *Disable*.

The options are:

- *Disable*—results in no tone sounding when the footswitch is pressed or released.
- *Enable*—results in a tone sounding when the footswitch is pressed and released.

- Select *Confirmation Tone* from the Footswitch menu.

Mode Number: 01    Mode Name: MODE01    Item #: 9.2

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

<b>Footswitch</b> Press Definition Confirmation Tone Release Definition Previous Menu
---

<b>Confirmation Tone</b> Disable Enable Previous Menu
--

- Select *Disable* or *Enable*.
- Press *Enter*.



## Release definition

Release definition defines the action which is taken when the footswitch is released.

The default for all modes is *No Action*.

The options are:

- *Level 0*—document Level 0 will be assigned to the next document.
- *Level 1*—document Level 1 will be assigned to the next document.
- *Level 2*—document Level 2 will be assigned to the next document.
- *Level 3*—document Level 3 will be assigned to the next document.
- *No Action*—results in no action taking place when the footswitch is pressed.

- Select *Release Definition* from the Footswitch menu.

Mode Number: 01    Mode Name: MODE01    Item #: 9.3

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Printr Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Footswitch
Press Definition
Confirmation Tone
Release Definition
Previous Menu

Release Definition
Level 0
Level 1
Level 2
Level 3
No Action
Previous Menu

- Select the desired action.
- Press *Enter*.

## Patch reader

NOTE: The patch reader is an accessory which must be installed and enabled by your Field Engineer.

Patch reader defines the options required when using the patch reader accessory.

- Select *Patch Reader* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 10.0			
Mode Configuration			Patch Reader
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
			On/Off
			Transfer Patch Definition
			Confirmation Tone
			Level Transfer on T-Patch
			Previous Menu

The following pages provide instructions on how to define the patch reader options. When the patch reader definitions are complete, you will automatically be returned to this window.

To close the *Patch Reader* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

NOTE: If the patch reader was not defined as *Present* during Accessory Configuration, the following message will appear:

***The accessory that you requested is not enabled in Accessory Configuration.***

- Press *Enter* to clear the message.
- Exit from Mode Configuration; refer to the section entitled *Exiting Mode Configuration*.
- Select *Save & Previous Menu*.

Contact your Field Engineer to install and enable this accessory.

## On/off

On/off enables or disables patch reading.

The default for all modes is *Disable*.

The options are:

— *Disable*—disables all patch reading.

— *Enable*—enables all patch reading.

NOTE: If *Disable* is selected, definitions for the remaining patch reader options will be ignored.

- Select *On/Off* from the Patch Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 10.1			
Mode Configuration			Patch Reader
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
			Patch Reader
			On/Off
			Transfer Patch Definition
			Confirmation Tone
			Level Transfer on T-Patch
			Previous Menu
			Patch Reader
			Disable
			Enable
			Previous Menu

- Select *Disable* or *Enable*.

- Press *Enter*.

## Transfer patch definition

Transfer patch definition defines the document level assigned to the next document when a transfer patch is used.

The default for all modes is *Not Used*.

The options are:

- *Level 1*—document Level 1 will be assigned to the next document.
- *Level 2*—document Level 2 will be assigned to the next document.
- *Level 3*—document Level 3 will be assigned to the next document.
- *Not Used*—indicates that transfer patches are not used.

NOTE: This definition is also used by the **Level Transfer on T-Patch** option, if that option is enabled.

- Select *Transfer Patch Definition* from the Patch Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 10.2

Mode Configuration				Patch Reader
Single	Index Format	Patch Reader	Off	<div style="border: 1px solid black; padding: 5px;"> On/Off  Transfer Patch Definition  Confirmation Tone  Level Transfer on T-Patch   Previous Menu </div>
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

T-Patch Def  
Level 1  
Level 2  
Level 3  
Not Used  
  
Previous Menu

- Select the document level to be assigned to the next document when a transfer patch is used, or indicate that transfer patches will not be used.
- Press *Enter*.

## Confirmation tone

Confirmation tone enables or disables the Confirmation Tone which sounds when a patch document is detected.

The default for all modes is *Disable*.

The options are:

- *Disable*—results in no tone sounding when a patch document is detected.
  - *Enable*—results in a tone sounding when a patch document is detected.
- Select *Confirmation Tone* from the Patch Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 10.3

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Patch Reader

On/Off  
Transfer Patch Definition  
Confirmation Tone  
Level Transfer on T-Patch

Previous Menu

Confirmation Tone

Disable  
Enable

Previous Menu

- Select *Disable* or *Enable*.
- Press *Enter*.

## Level transfer on T-Patch

Level transfer on T-Patch defines whether the transfer patch definition is applied to the document containing the transfer patch or the next document fed into the Scanner 5500/7500.

The default for all modes is *Disabled*.

The options are:

- *Disabled*—indicates that the next document fed into the Scanner 5500/7500 will be assigned the document level defined by the **Transfer Patch Definition** option.
- *Enabled*—indicates that the document containing the transfer patch will be assigned the document level defined by the **Transfer Patch Definition** option.

NOTE: If the **Transfer Patch Definition** option is enabled, *Level 1*, *Level 2*, or *Level 3* must be defined.

- Select *Level Transfer on T-Patch* from the Patch Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 10.4

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Printr Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Patch Reader

On/Off  
Transfer Patch Definition  
Confirmation Tone  
Level Transfer on T-Patch

Previous Menu

Level X-Fer On T-Patch

Disable  
Enable

Previous Menu

- Select *Disable* or *Enable*.
- Press *Enter*.

## COIN2 Port Select

The COIN2 Port Select option is *not available*.

- If you select *COIN2 Port Select* from the Mode Configuration window, the following message will appear: ***Selection is not available.***
- Press *Enter* to clear the message and make another selection from the Mode Configuration window.

## OCR

The OCR option is *not available*.

- If you select *OCR* from the Mode Configuration window, the following message will appear: ***Selection is not available.***
- Press *Enter* to clear the message and make another selection from the Mode Configuration window.

## Bar code reader

NOTE: The bar code reader is an accessory which must be installed and enabled by your Field Engineer.

Bar code reader defines the options required when using the bar code reader accessory.

- Select *Bar Code Reader* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 13.0

Mode Configuration				Bar Code Reader
Single	Index Format	Patch Reader	Off	On/Off Bar Code Type Codes Per Document Minimum Code Length Maximum Code Height Scan Direction Code Quality Confirmation Tone Bar Code Location  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE01	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

The following pages provide instructions on how to define the bar code reader options. When the patch reader definitions are complete, you will automatically be returned to this window.

To close the *Bar Code Reader* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

NOTE: If the bar code reader was not defined as *Present* during Accessory Configuration, the following message will appear:

***The accessory that you requested is not enabled in Accessory Configuration.***

- Press *Enter*.
- Exit from Mode Configuration; refer to the section entitled, *Exiting Mode Configuration*.

Contact your Field Engineer to install and enable this accessory.



**On/off**

On/off enables or disables bar code reading.

The default for all modes is *Disable*.

The options are:

- *Disable*—disables all bar code reading.
- *Enable*—enables all bar code reading.

NOTE: If *Disable* is selected, definitions for the remaining bar code reader options will be ignored.

- Select *On/Off* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.1

Mode Configuration				Bar Code Reader
Single	Index Format	Patch Reader	Off	On/Off Bar Code Type Codes Per Document Minimum Code Length Maximum Code Height Scan Direction Code Quality Confirmation Tone Bar Code Location Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Bar Code Reader

Disable  
Enable

Previous Menu

- Select *Disable* or *Enable*.
- Press *Enter*.

## Bar code type

Bar code type defines the type of bar code which will be used.

The default for all modes is *Codabar (NW-7)*.

The options are:

- 3 of 9
- *Interleaved 2 of 5*
- *Codabar (NW-7)*.

NOTE: For additional information regarding these bar code types and their characteristics, refer to *Bar Code Made Easy (A-61099)*.

- Select *Bar Code Type* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.2

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Printr Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE01
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Bar Code Reader

On/Off

Bar Code Type

Codes Per Document

Minimum Code Length

Maximum Code Height

Scan Direction

Code Quality

Confirmation Tone

Bar Code Location

Previous Menu

Bar Code Type

3 of 9

Interleaved 2 of 5

Codabar (NW-7)

Previous Menu

- Select the type of bar code which will be used.
- Press *Enter*.

NOTE: Only one bar code type may be used with any one mode. However, different modes may be defined as using different bar code types.

## Codes per document

Codes per document defines the number of codes per document to be read/decoded.

The default for all modes is *One Code Decoded*.

The options are:

- *One Code Decoded*—results in only the first bar code encountered on a document being read/decoded.
- *All Codes Decoded*—results in all bar codes encountered on a document being read/decoded.

- Select *Codes Per Document* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.3

Mode Configuration				Bar Code Reader
Single	Index Format	Patch Reader	Off	On/Off Bar Code Type Codes Per Document Minimum Code Length Maximum Code Height Scan Direction Code Quality Confirmation Tone Bar Code Location  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		Codes Per Document One Code Decoded All Codes Decoded  Previous Menu

- Select the desired number of codes to be read/decoded.
- Press *Enter*.

NOTE: If the option *All Coded Decoded* is selected, you must also define the **Maximum Code Height** option. See the section entitled, *Maximum Code Height* for more information.

## Minimum code length

Minimum code length defines the minimum bar code length allowed, in terms of the number of characters encoded.

The default for all modes is 3.

The options are:

— Within the range of 3 to 40 characters.

- Select *Minimum Code Length* from the Bar Code Reader menu.

Mode Number: 01   Mode Name: MODE01   Item #: 13.4

Mode Configuration				Bar Code Reader	
Single	Index Format	Patch Reader	Off	On/Off	
6006	IA Field Width	COIN2 Port Select	n/a	Bar Code Type	
3111	Level Rules	OCR	n/a	Codes Per Document	
Supprs	IA Display Format	Bar Code Reader	Off	Minimum Code Length	
FthenR	Adjoining IA	Print Controller	Supprs	Maximum Code Height	
None	Batching	Front Printer	Off	Scan Direction	
Off	Length Monitor	Rear Printer	Off	Code Quality	
Off	Skew Monitor	Mode Name	MODE0	Confirmation Tone	
NA NA	Footswitch	Overrides	No Sav	Bar Code Location	
Save & End Session		Don't Save & End Session		Previous Menu	
Save & Prev Menu		Don't Save & Prev Menu			

Enter Minimum Code Length  
Range: 3 – 40 characters

03

- Enter the desired bar code length, using the numeric keys. The maximum code length is 40.
- Press *Enter*.

## Maximum code height

Maximum code height defines the maximum bar code height allowed. This definition is required only when the Codes Per Document option is defined as *All Codes Decoded*.

The default for all modes is *1 inch / 25.400 mm*.

The options are:

— Within the range of 0.375 inches / 9.525 mm to 3.000 inches / 76.200 mm.

- Select *Maximum Code Height* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.5			
Mode Configuration		Bar Code Reader	
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE01
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
		Previous Menu	
		Enter Maximum Code Height Range: 0.375 . . . 3.000	
		1.000	
Use Arrow Keys to Set			
→ Increase value by 0.125 inch or 3.175mm			
← Decrease value by 0.125 inch or 3.175mm			

- Enter the desired bar code height allowed, using the numeric keys;
- or
- Use the arrow keys to increase or decrease the current maximum bar code height to the desired bar code height allowed:
  - The left arrow key will decrease the value in 0.125 inch or 3.175 mm increments.
  - The right arrow key will increase the value in 0.125 inch or 3.175 mm increments.
- Press *Enter*.

NOTE: The maximum code height also represents the minimum height between bar codes when codes per document option is defined as *All Codes Decoded*. If the bar codes are closer together than the measure of the maximum bar code height, bar code reading is impaired.

## Scan direction

Scan direction defines whether the bar code is read in one direction; from left to right, or in two directions; from left to right or right to left.

NOTE: When bar codes are read in two directions (bidirectional), the time required to read/decode bar codes is extended.

The default for all modes is *Unidirectional*.

The options are:

- *Unidirectional*—results in bar codes being read in only one direction (left to right), requiring that the start character be to the left.
- *Bidirectional*—results in bar codes being read in two directions (from left to right or right to left).

- Select *Scan Direction* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.6

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Bar Code Reader

On/Off

Bar Code Type

Codes Per Document

Minimum Code Length

Maximum Code Height

Scan Direction

Code Quality

Confirmation Tone

Bar Code Location

Previous Menu

Scan Direction

Uni-Direction

Bi-Direction

Previous Menu

- Select the desired scan direction.
- Press *Enter*.

## Code quality

Code quality defines whether image processing is required to enhance the overall quality of the bar codes to ensure the highest possible read rates. Typically, image processing is required only when dot matrix printers are used to generate the bar codes being read/decoded.

The default for all modes is *Normal Quality*.

The options are:

- *Low Quality*—results in image processing is performed to enhance bar code readability.
- *Normal Quality*—results in no image processing performed; no enhancement is required for high bar code readability.
- Select *Code Quality* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.7

Mode Configuration				Bar Code Reader
Single	Index Format	Patch Reader	Off	On/Off Bar Code Type Codes Per Document Minimum Code Length Maximum Code Height Scan Direction Code Quality Confirmation Tone Bar Code Location  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE01	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Code Quality

Low Quality

Normal Quality

Previous Menu

- Select the desired code quality option.
- Press *Enter*.

## Confirmation tone

Confirmation tone enables or disables the confirmation tone which sounds when the bar code reader detects a bar code document.

The default for all modes is *Disable*.

The options are:

- *Disable*—no tone will sound when a bar code document is detected.
  - *Enable*—a tone will sound when a bar code document is detected.
- Select *Confirmation Tone* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.8

Mode Configuration				Bar Code Reader
Single	Index Format	Patch Reader	Off	On/Off Bar Code Type Codes Per Document Minimum Code Length Maximum Code Height Scan Direction Code Quality Confirmation Tone Bar Code Location  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		Confirmation tone Disable Enable  Previous Menu

- Select *Disable* or *Enable*.
- Press *Enter*.



## Bar code location

Bar code location defines whether the bar codes are to be located on the front or rear of the document(s).

The default for all modes is *Front*.

The options are:

- *Front*—the bar code reader attempts to detect bar codes on the front side of each document.
- *Rear*—the bar code reader attempts to detect bar codes on the rear side of each document.

NOTE: This option is only valid when using a duplex Scanner 5500/7500. Also, if bar codes are located on the side opposite the side defined as the bar code location, then the bar codes will not be detected.

- Select *Bar Code Location* from the Bar Code Reader menu.

Mode Number: 01    Mode Name: MODE01    Item #: 13.9

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Bar Code Reader

On/Off

Bar Code Type

Codes Per Document

Minimum Code Length

Maximum Code Height

Scan Direction

Code Quality

Confirmation Tone

Bar Code Location

Previous Menu

Bar Code Location

Front

Rear

Previous Menu

- Select the side of the document(s) on which bar codes will be placed.
- Press *Enter*.

## Printer controller

NOTE: The printer controller is an accessory which must be installed and enabled by your Field Engineer.

Printer controller defines the options required when using the printer controller accessory with a Front Printer and/or a Rear Printer.

- Select *Printer Controller* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 14.0

Mode Configuration				Printer Controller
Single	Index Format	Patch Reader	Off	<div style="border: 1px solid black; padding: 5px;">           IA Print Format            Font Size            Character Orientation             Previous Menu         </div>
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE01	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

The following pages provide instructions on how to define the printer controller options. When the printer controller definitions are complete, you will automatically be returned to this window.

To close the *Printer Controller* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

NOTE: If the printer controller was not defined as *Present* during Accessory Configuration, the following message will appear:

***The accessory that you requested is not enabled in Accessory Configuration.***

- Press *Enter* to clear the message.
- Exit from Mode Configuration; refer to the section entitled, *Exiting Mode Configuration*.

Contact your Field Engineer to install and enable this accessory.

## IA Print format

IA Print format defines the format of the image address printed by the front printer and/or the rear printer.

The default for all modes is *Suppress Leading Zeroes*.

The options are:

- *Display Leading Zeroes* (i.e., 001.002.003.004)
- *Suppress Leading Zeroes* (i.e., 001. 2. 3. 4)
- *Compress Leading Zeroes* (i.e., 001.2.3.4).
- Select *IA Print Format* from the Printer Controller menu.

Mode Number: 01    Mode Name: MODE01    Item #: 14.1			
Mode Configuration			
Single 6006 3111 Supprs FthenR None Off Off NA NA	Index Format IA Field Width Level Rules IA Display Format Adjoining IA Batching Length Monitor Skew Monitor Footswitch	Patch Reader COIN2 Port Select OCR Bar Code Reader Print Controller Front Printer Rear Printer Mode Name Overrides	Off n/a n/a Off Supprs Off Off MODE0 No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
Printer Controller			
IA Print Format Font Size Character Orientation			
Previous Menu			
Examples of Formats			
Display: 001.002.003.004 Suppress: 001. 2. 3. 4 Compress:001.2.3.4			
IA Print Format			
Display Leading Zeroes Suppress Leading Zeroes Compress Leading Zeroes			
Previous Menu			

- Select the desired Image Address print format.
- Press *Enter*.

## Font size

Font size defines the size of the characters printed by the front printer and/or the rear printer.

The default for all modes is *Small (8x9)*.

The options are:

- *Small (8x9)*—results in characters printed using an 8x9 matrix.
- *Large (12x9)*—results in characters printed using a 12x9 matrix.

- Select *Font Size* from the Printer Controller menu.

Mode Number: 01    Mode Name: MODE01    Item #: 14.2

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Printer Controller

IA Print Format

Font Size

Character Orientation

Previous Menu

Font Size

Small (8x9)

Large (12x9)

Previous Menu

- Select the desired printed character font size.
- Press *Enter*.

## Character orientation

Defines the orientation of the characters printed by the front printer and/or the rear printer.

The default for all modes is *Cine*.

The options are:

- *Comic*
- *Comic 180*
- *Cine*
- *Cine 180*

The following illustrate the appearance of each orientation:

COMIC
         
 C  
I  
N  
E
         
 COMIC180
         
 0  
8  
1  
E  
N  
I  
C

- Select *Character Orientation* from the Printer Controller menu.

Mode Number: 01    Mode Name: MODE01    Item #: 14.3

Mode Configuration				Printer Controller
Single	Index Format	Patch Reader	Off	IA Print Format Font Size Character Orientation  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Char Orientation

Comic  
Comic 180  
Cine  
Cine 180

Previous Menu

- Select the desired printed character orientation.
- Press *Enter*.

## Front printer

NOTE: The front printer is an accessory which must be installed and enabled by your Field Engineer.

Front printer defines the options required when using the front printer accessory.

- Select *Front Printer* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 15.0

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Front Printer

On/Off  
Print Definition  
Vertical Start Print Position

Previous Menu

The following pages provide instructions on how to define the front printer options. When the front printer definitions are complete, you will automatically be returned to the Mode Configuration window.

To close the *Front Printer* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

NOTE: If the front printer was not defined as *Present* during Accessory Configuration, the following message will appear:

***The accessory that you requested is not enabled in Accessory Configuration.***

- Press *Enter* to clear the message.
- Exit from Mode Configuration; refer to the section entitled, *Exiting Mode Configuration*.

Contact your Field Engineer to install and enable this accessory.

## On/off

On/off enables or disables printing by the front printer.

The default for all modes is *Disable*.

The options are:

— *Disable*—disables printing by the front printer.

— *Enable*—enables printing by the front printer.

NOTE: If *Disable* is selected, definitions for the remaining front printer options will be ignored.

- Select *On/Off* from the Front Printer menu.

Mode Number: 01    Mode Name: MODE01    Item #: 15.1			
Mode Configuration			
Single 6006 3111 Supprs FthenR None Off Off NA NA	Index Format IA Field Width Level Rules IA Display Format Adjoining IA Batching Length Monitor Skew Monitor Footswitch	Patch Reader COIN2 Port Select OCR Bar Code Reader Print Controller Front Printer Rear Printer Mode Name Overrides	Off n/a n/a Off Supprs Off Off MODE0 No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	
Front Printer			
On/Off Print Definition Vertical Start Print Position			
Previous Menu			
Front Printer			
Disable Enable			
Previous Menu			

- Select *Disable* or *Enable*.

- Press *Enter*.

## Print definition

Print definition defines what information is printed by the front printer. This is dependent upon the document level assigned to the document being printed upon. You may choose one of five options. These options are described below. The procedure for choosing these options is further described on the following pages.

- **Same Format Per Level**—Defines what information is printed by the front printer on all documents, regardless of the document level assigned to the document. You may elect to print the same information on all documents, regardless of the document level assigned to the document. In this case, select the **Same Format Per Level** option.

You may elect to print different information on documents assigned different document levels. In this case, select the **Level 0, Level 1, Level 2, or Level 3** options, in turn, to define the print definitions for all valid document levels.

- **Level 0**—is a valid selection when using any one of the available index formats defined using the **Index Format** option. Defines what information is printed by the front printer on documents assigned document Level 0. The default for all modes is *Nothing* (i.e., nothing is printed on documents assigned document Level 0).
- **Level 1**—This menu option is a valid selection when using any one of the available index formats defined using the **Index Format** option. Level 1 defines what information is printed by the front printer on documents assigned document Level 1. The default for all modes is *Full IA w/ All Delimiters*. The options for Level 1 are listed in the window.
- **Level 2**—This menu option is a valid selection only when using any of the two-level (two level or two level offset) or three-level (three level or three level offset) index formats defined using the **Index Format** option. Defines what information is printed by the front printer on documents assigned document Level 2. The default for all modes is *Full IA w/ All Delimiters*. The options for Level 2 are listed in the window.
- **Level 3**—This menu option is a valid selection only when using any of the three-level (three level or three level offset) index formats defined using the **Index Format** option. Defines what information is printed by the front printer on documents assigned document Level 3. The default for all modes is *Full IA w/ All Delimiters*. The options for Level 3 are listed in the window.



The procedure for defining the previously mentioned options is described below. Defining Level 1 is used as an example.

- Select *Print Definition* from the Front Printer menu. The print definition options are displayed:

Mode Number: 01 Mode Name: MODE01 Item #: 15.2

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Printr Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Front Printer

On/Off

Print Definition

Vertical Start Print Position

Previous Menu

Print Definition

Same Format Per Level

Level 0

Level 1

Level 2

Level 3

Previous Menu

- Select *Level 1* from the Print Definition menu. The box entitled *Current Print Sequence Display Items* contains the current print definition for Level 1 documents. The box entitled *New Print Sequence Display Items* should be blank.

NOTE: The options listed on the displayed menu are the same whether you select: Same Format Per Level, Level 0, Level 1, Level 2 or Level 3.

Mode Number: 01 Mode Name: MODE01 Item #: 15.2

Current Print Sequence Display Items

<Full IA All Del>

New Print Sequence Display Items

Full IA w/ All Delimiters

Full IA w/ No Delimiters

Full IA w/ Fixed Fld Del

Fixed Field

Field C.Field B.Field A

Current Level Field

Fixed Field Delimiter

Total Doc Counter (F09)

Spaces (1 – 38)

Date

Day

Time

Message 1

Message 2

Message 3

Message 4

Message 5

Message 6

Message 7

Message 8

Message 9

Nothing

Previous Menu

- Select an item from the list of print definition options.
- Press *Enter*. The item selected should appear in the *New Print Sequence Display Items* box.

Repeat this step for each item you wish to include in the print definition for Level 1 document.

NOTE: The front printer will print a maximum of 38 characters-per-document. If the print definition exceeds 38 characters, only the first 38 characters will be printed.

- Select *Previous Menu* from the list of print definition options to return to the previous window.

### Vertical start print position

The vertical start print position defines how far from the leading edge of the document(s) the information printed by the front printer will appear.

The default for all modes is *0.250 inches / 6 mm*.

The options are:

— Within the range of 0.125 inches / 3 mm minimum to 20.000 inches / 508 mm maximum.

- Select *Vertical Start Print Position* from the Front Printer menu.

Mode Number: 01    Mode Name: MODE01    Item #: 15.3

Mode Configuration				Front Printer
Single	Index Format	Patch Reader	Off	<div style="border: 1px solid black; padding: 5px;"> On/Off  Print Definition  Vertical Start Print Position   Previous Menu </div>
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Use Arrow Keys to Set

➔ Increase value by 0.125 inch or 1mm

➜ Decrease value by 0.125 inch or 1mm

⬆ Increase value by 1.250 inch or 20mm

⬇ Decrease value by 1.250 inch or 20mm

Enter Vert Start Pos  
Range: 0.125 . . . 20.000

0.250

- Enter the desired distance between the leading edge of the document and where the printed information is to appear, using the numeric keys;

or

- Use the arrow keys to increase or decrease the current distance:
  - The left arrow key will decrease the value in 0.125 inch or 1 mm increments.
  - The right arrow key will increase the value in 0.125 inch or 1 mm increments.
  - The down arrow key will decrease the value in 1.250 inch or 20 mm increments.
  - The up arrow key will increase the value in 1.250 inch or 20 mm increments.
- Press *Enter*.

## Rear printer

NOTE: The rear printer is an accessory which must be installed and enabled by your Field Engineer.

Rear printer defines the options required when using the rear printer accessory.

- Select *Rear Printer* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 16.0			
Mode Configuration			Rear Printer
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Printr Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

The following pages provide instructions on how to define the rear printer options. When the rear printer definitions are complete, you will automatically be returned to this window.

To close the *Rear Printer* menu:

- Select *Previous Menu*. Proceed to make any additional mode configuration definitions.

NOTE: If the rear printer was not defined as *Present* during Accessory Configuration, the following message will appear:  
***The accessory that you requested is not enabled in Accessory Configuration.***

- Press *Enter* to clear the message.
- Exit from Mode Configuration; refer to the section entitled, *Exiting Mode Configuration*.

Contact your Field Engineer to install and enable this accessory.

## On/off

On/off enables or disables printing by the rear printer.

The default for all modes is *Disable*.

The options are:

— *Disable*—disables printing by the rear printer.

— *Enable*—enables printing by the rear printer.

NOTE: If *Disable* is selected, definitions for the remaining rear printer options will be ignored.

- Select *On/Off* from the Rear Printer menu.

Mode Number: 01    Mode Name: MODE01    Item #: 16.1			
Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Rear Printer
On/Off
Print Definition
Vertical Start Print Position
Previous Menu

Rear Printer
Disable
Enable
Previous Menu

- Select *Disable* or *Enable*.

- Press *Enter*.

## Print definition

Print definition defines what information is printed by the rear printer on all documents, regardless of the document level assigned to the document. You may choose one of five options. These options are described below. The procedure for choosing these options is further described on the following pages.

- **Same Format Per Level**—Defines what information is printed by the rear printer on all documents, regardless of the document level assigned to the document. You may elect to print the same information on all documents, regardless of the document level assigned to the document. In this case, select the **Same Format Per Level** option.

You may elect to print different information on documents assigned different document levels. In this case, select the **Level 0**, **Level 1**, **Level 2**, or **Level 3** options, in turn, to define the print definitions for all valid document levels.

- **Level 0**—is a valid selection when using any one of the available index formats defined using the **Index Format** option. Defines what information is printed by the rear printer on documents assigned document Level 0. The default for all modes is *Nothing* (i.e., nothing is printed on documents assigned document Level 0).
- **Level 1**—This menu option is a valid selection when using any one of the available index formats defined using the **Index Format** option. Level 1 defines what information is printed by the rear printer on documents assigned document Level 1. The default for all modes is *Full IA w/ All Delimiters*. The options for Level 1 are listed in the window.
- **Level 2**—This menu option is a valid selection only when using any of the two-level (two level or two level offset) or three-level (three level or three level offset) index formats defined using the **Index Format** option. Defines what information is printed by the rear printer on documents assigned document Level 2. The default for all modes is *Full IA w/ All Delimiters*. The options for Level 2 are listed in the window.
- **Level 3**—This menu option is a valid selection only when using any of the three-level (three level or three level offset) index formats defined using the **Index Format** option. Defines what information is printed by the rear printer on documents assigned document Level 3. The default for all modes is *Full IA w/ All Delimiters*. The options for Level 3 are listed in the window.

The procedure for defining the previously mentioned options is described below. Defining Level 1 is used as an example.

- Select *Print Definition* from the Rear Printer menu. The print definition options are displayed:

Mode Number: 01    Mode Name: MODE01    Item #: 15.2

Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Print Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE01
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

Rear Printer

On/Off  
Print Definition  
Vertical Start Print Position

Previous Menu

Print Definition

Same Format Per Level  
Level 0  
Level 1  
Level 2  
Level 3

Previous Menu

Select *Level 1* from the Print Definition menu. The box entitled, *Current Print Sequence Display Items* contains the current print definition for Level 1 documents. The box entitled, *New Print Sequence Display Items* should be blank.

Mode Number: 01    Mode Name: MODE01    Item #: 16.2

Current Print Sequence Display Items

<Full IA All Del>

New Print Sequence Display Items

Full IA w/ All Delimiters  
Full IA w/ No Delimiters  
Full IA w/ Fixed Fld Del  
Fixed Field  
Field C.Field B.Field A  
Current Level Field  
Fixed Field Delimiter  
Total Doc Counter (F09)  
Spaces (1 – 38)  
Date  
Day  
Time  
Message 1  
Message 2  
Message 3  
Message 4  
Message 5  
Message 6  
Message 7  
Message 8  
Message 9  
Nothing

Previous Menu

NOTE: The options listed on the displayed menu are the same whether you select: Same Format Per Level, Level 0, Level 1, Level 2 or Level 3.

The box entitled *Current Print Sequence Display Items* contains the current print definition for Level 1 documents. The box entitled *New Print Sequence Display Items* should be blank.

- Select an item from the list of print definition options.

The item selected should appear in the *New Print Sequence Display Items* box.

Repeat this step for each item you wish to include in the print definition for Level 1 documents.

NOTE: The rear printer will print a maximum of 38 characters-per-document. If the print definition exceeds 38 characters, only the first 38 characters will be printed.

- Select *Previous Menu* from the list of print definition options.

### Vertical start print position

Vertical start print position defines how far from the leading edge of the document(s) the information printed by the rear printer will appear.

The default for all modes is *0.250 inches / 6 mm*.

The options are:

— Within the range of 0.125 inches / 3 mm minimum to 20.000 inches / 508 mm maximum.

- Select *Vertical Start Print Position* from the Rear Printer menu.

Mode Number: 01    Mode Name: MODE01    Item #: 16.3

Mode Configuration				Rear Printer
Single	Index Format	Patch Reader	Off	<div style="border: 1px solid black; padding: 5px;"> On/Off Print Definition Vertical Start Print Position  Previous Menu </div>
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Use Arrow Keys to Set

➔ Increase value by 0.125 inch or 1mm

➜ Decrease value by 0.125 inch or 1mm

⬆ Increase value by 1.250 inch or 20mm

⬇ Decrease value by 1.250 inch or 20mm

Enter Vert Start Pos  
Range: 0.125 . . . 20.000

0.250

- Enter the desired distance between the leading edge of the document and where the printed information is to appear, using the numeric keys;

or

- Use the arrow keys to increase or decrease the current distance:
  - The left arrow key will decrease the value in 0.125 inch or 1 mm increments.
  - The right arrow key will increase the value in 0.125 inch or 1 mm increments.
  - The down arrow key will decrease the value in 1.250 inch or 20 mm increments.
  - The up arrow key will increase the value in 1.250 inch or 20 mm increments.
- Press *Enter*.

## Mode name

Mode name defines a name for the mode.

The default is *MODE xx*, where *xx* is the 2-digit mode number (i.e., 01 – 18).

The options are:

- Any name with 7 or less ( $\leq 7$ ) characters. Available characters include upper- and lowercase alphanumerics and any other ASCII character appearing in a standard keyboard.

- Select *Mode Name* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 17.0

Mode Configuration				Front Printer
Single	Index Format	Patch Reader	Off	On/Off Print Definition Vertical Start Print Position  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Print Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

Enter Mode Name

MODE 01

Up to 7 characters

- Enter the desired mode name.
- Press *Enter*.



## Overrides

Overrides enable or disable mode overrides.

The default for all modes is *Discard Overrides*.

The options are:

- *Discard Overrides*—results in the use of function codes to change programming options being temporary—not overriding the definitions made here.
- *Save Overrides*—results in the use of function codes to change programming options being saved—overriding the definitions made here.
- Select *Overrides* from the Mode Configuration window.

Mode Number: 01    Mode Name: MODE01    Item #: 18.0

Mode Configuration				Overrides
Single	Index Format	Patch Reader	Off	Discard Overrides Save Overrides  Previous Menu
6006	IA Field Width	COIN2 Port Select	n/a	
3111	Level Rules	OCR	n/a	
Supprs	IA Display Format	Bar Code Reader	Off	
FthenR	Adjoining IA	Printr Controller	Supprs	
None	Batching	Front Printer	Off	
Off	Length Monitor	Rear Printer	Off	
Off	Skew Monitor	Mode Name	MODE0	
NA NA	Footswitch	Overrides	No Sav	
Save & End Session		Don't Save & End Session		
Save & Prev Menu		Don't Save & Prev Menu		

- Select the desired override option.
- Press *Enter*.

## Exiting the mode configuration menu

When all of the mode configuration options have been defined for current mode, you will exit the Mode Configuration window.

- Select one of the options listed below from the Mode Configuration window:

Mode Number: 01    Mode Name: MODE01    Item #: 0.0			
Mode Configuration			
Single	Index Format	Patch Reader	Off
6006	IA Field Width	COIN2 Port Select	n/a
3111	Level Rules	OCR	n/a
Supprs	IA Display Format	Bar Code Reader	Off
FthenR	Adjoining IA	Printr Controller	Supprs
None	Batching	Front Printer	Off
Off	Length Monitor	Rear Printer	Off
Off	Skew Monitor	Mode Name	MODE0
NA NA	Footswitch	Overrides	No Sav
Save & End Session		Don't Save & End Session	
Save & Prev Menu		Don't Save & Prev Menu	

- *Save & End Session*—results in all definitions made during the session being saved and returning to the DOS prompt.
- *Save & Previous Menu*—results in all definitions made during the session being saved and returning to the Configuration Selection window.
- *Don't Save & End Session*—results in none of the definitions made during the session being saved and returning to the DOS prompt.
- *Don't Save & Previous Menu*—results in none of the definitions made during the session being saved and returning to the Configuration Selection window.
- Press *Enter* after making your selection.

## Appendix A Default summaries

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### Machine Configuration Defaults—All Modes

Description	Default Value
Display Language	English
Measurement System	Inch
Date Format Date Delimiter	mmddyy slash (/)
Time Format	12 hour with AM/PM
Set Time and Date	n/a
Confirmation Tone Volume	Soft
Confirmation Tones	Enable
Fixed Field Delimiter	Period (.)
Printer Messages 1–9	blank

### Accessory Configuration Defaults—All Modes

Description	Default Value
Printer Controller	Not Present
Front Printer	Not Present
Rear Printer	Not Present
Bar Code Reader	Not Present
Patch Reader	Not Present
OCR Subsystem	n/a
OCR 500	n/a
Item Stacker	n/a

## Mode configuration defaults

Description	Default Values							
	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Mode 6	Mode 7	Mode 8
Index Format	1	2Off	2	3Off	3	2	2Off	3
IA Field Widths								
Fixed	6	6	6	6	4	6	6	4
Level 3 (C)	0	0	0	3	2	0	0	2
Level 2 (B)	0	6	3	3	3	4	6	3
Level 1 (A)	6	0	3	0	3	2	0	3
Level Rules								
Level 0 followed by	Level 1	Level 2	Level 2	Level 3	Level 2	Level 2	Level 2	Level 2
Level 1 followed by	Level 1	Level 1	Level 1	Level 1	Level 1	Level 2	Level 2	Level 1
Level 2 followed by	Level 1	Level 2	Level 2	Level 2	Level 2	Level 2	Level 2	Level 1
Level 3 followed by	Level 3	Level 3	Level 3	Level 2	Level 2	Level 3	Level 3	Level 2
IA Display Format	Supp	Supp	Supp	Supp	Supp	Supp	Supp	Supp
Adjoining IAs	FthenR	FthenR	FthenR	FthenR	FthenR	FthenR	FthenR	FthenR
Batching	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Length Monitor								
On/Off	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Minimum Length	2.5/64	2.5/64	2.5/64	2.5/64	2.5/64	2.5/64	2.5/64	2.5/64
Maximum Length	13/330	13/330	13/330	13/330	13/330	13/330	13/330	13/330
Error Response	D&B	D&B	D&B	D&B	D&B	D&B	D&B	D&B
Skew Monitor								
On/Off	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Detection Range	10-30	10-30	10-30	10-30	10-30	10-30	10-30	10-30
Error Response	D&B	D&B	D&B	D&B	D&B	D&B	D&B	D&B
Footswitch								
Press Definition	None	None	None	None	None	None	None	None
Confirmation Tone	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Release Definition	None	None	None	None	None	None	None	None

## Mode configuration defaults

Default Values										
Mode 9	Mode 10	Mode 11	Mode 12	Mode 13	Mode 14	Mode 15	Mode 16	Mode 17	Mode 18	
3	3	3	3	3	3	3	3	3	3	
4	4	4	4	4	4	4	4	4	4	
2	2	2	2	2	2	2	2	2	2	
3	3	3	3	3	3	3	3	3	3	
3	3	3	3	3	3	3	3	3	3	
Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2	Level 2 Level 1 Level 1 Level 2
Supp	Supp	Supp	Supp	Supp	Supp	Supp	Supp	Supp	Supp	
FthenR	FthenR	FthenR	FthenR	FthenR	FthenR	FthenR	FthenR	FthenR	FthenR	
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	Disable 2.5/64 13/330 D&B	
Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	Disable 10-30 D&B	
None Disable None	None Disable None	None Disable None	None Disable None	None Disable None	None Disable None	None Disable None	None Disable None	None Disable None	None Disable None	

## Mode configuration defaults

Description	Default Values							
	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Mode 6	Mode 7	Mode 8
Patch Reader On/Off	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Transfer Patch Def.	None	None	None	None	None	None	None	None
Confirmation Tone	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Level Xfer on TPatch	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
COIN2 Port Select	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
OCR	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Bar Code Reader On/Off	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Bar Code Type	Codabar	Codabar	Codabar	Codabar	Codabar	Codabar	Codabar	Codabar
Codes per Document	One	One	One	One	One	One	One	One
Min Code Length	3	3	3	3	3	3	3	3
Max Code Height	1/25.4	1/25.4	1/25.4	1/25.4	1/25.4	1/25.4	1/25.4	1/25.4
Scan Direction	Uni	Uni	Uni	Uni	Uni	Uni	Uni	Uni
Code Quality	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Confirmation Tone	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Bar Code Location	Front	Front	Front	Front	Front	Front	Front	Front
Printer Controller IA Print Format	Supp	Supp	Supp	Supp	Supp	Supp	Supp	Supp
Font Size	Small	Small	Small	Small	Small	Small	Small	Small
Character Orientation	Cine	Cine	Cine	Cine	Cine	Cine	Cine	Cine
Front Printer On/Off	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Print Definition								
Level 0	Nothing	Nothing	Nothing	Nothing	Nothing	Nothing	Nothing	Nothing
Level 1	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D
Level 2	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D
Level 3	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D
Start Print Position	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6
Rear Printer On/Off	Disable	Disable	Disable	Disable	Disable	Disable	Disable	Disable
Print Definition								
Level 0	Nothing	Nothing	Nothing	Nothing	Nothing	Nothing	Nothing	Nothing
Level 1	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D
Level 2	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D
Level 3	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D	Full IA/D
Start Print Position	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6	0.25/6
Mode Name	Mode 01	Mode 02	Mode 03	Mode 04	Mode 05	Mode 06	Mode 07	Mode 08
Overrides	Discard	Discard	Discard	Discard	Discard	Discard	Discard	Discard

## Mode configuration defaults

Default Values									
Mode 9	Mode 10	Mode 11	Mode 12	Mode 13	Mode 14	Mode 15	Mode 16	Mode 17	Mode 18
Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable	Disable None Disable Disable
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front	Disable Codabar One 3 1/25.4 Uni Normal Disable Front
Supp Small Cine	Supp Small Cine	Supp Small Cine	Supp Small Cine	Supp Small Cine	Supp Small Cine	Supp Small Cine	Supp Small Cine	Supp Small Cine	Supp Small Cine
Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6
Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6	Disable Nothing Full IA/D Full IA/D Full IA/D 0.25/6
Mode 09	Mode 10	Mode 11	Mode 12	Mode 13	Mode 14	Mode 15	Mode 16	Mode 17	Mode 18
Discard	Discard	Discard	Discard	Discard	Discard	Discard	Discard	Discard	Discard

## Appendix B Language support

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When inputting messages which contain non-ASCII standard characters, refer to the following tables to determine the code assigned to the desired character to be input and then follow the procedure outlined below:

NOTE: The message input may have up to 38 characters.

- Enter any standard ASCII text using the keyboard, if desired.
- To enter non-ASCII standard text:
  - Press the ALT key to display the Code input box:

Msg. No.	Definition
1	Printer Messages
2	
3	
4	CODE
5	
6	
7	
8	
9	

5	ABC
---	-----

NOTE: This example assumes that you have selected Message 5 for definition and have already entered standard ASCII text *ABC*.

Enter the code assigned to the desired character to be input. Refer to the tables which follow if the code has not already been determined.



Definition	
Msg. No.	Printer Messages
1	
2	
3	
4	
5	
6	
7	
8	
9	

5	ABC
---	-----

NOTE: In this example, it has been determined that the desired character is a **Æ**, and the code which corresponds to this character is 191.

- Press *Enter* to input the code and close the Code box.

The character will be input to the message.

Definition	
Msg. No.	Printer Messages
1	
2	
3	
4	
5	
6	
7	
8	
9	

5	ABCÆ
---	------

NOTE: The character displayed at the bottom of the window may be a representative character, not always the character which corresponds to the code. This is because the monitor may not provide language support.

- Press *Enter* to place the message in the message table when all desired message information has been inputted.

You will be asked to confirm the replacement of the current contents of the message with the new message input. When the message, ***Replace Msg?*** appears:

- Select *Yes* to confirm that the new message input should replace the old message in the Print Message Definition area; or

Select *No* to cancel the replacement of the old message with the new message input.

Definition	
Msg. No.	Printer Messages
1	
2	
3	
4	
5	ABC/EE
6	
7	
8	
9	

Prev	
------	--

Code Number	European Character	Katakana Character	Code Number	European Character	Katakana Character	Code Number	European Character	Katakana Character
32	blank	blank	50	2	ニ	68	D	ド
33	⋮	ニ	51	3	三	69	E	エ
34	⋮	ニ	52	4	四	70	F	フ
35	⋮	ニ	53	5	五	71	G	グ
36	⋮	ニ	54	6	六	72	H	フ
37	⋮	ニ	55	7	七	73	I	イ
38	⋮	ニ	56	8	八	74	J	ジ
39	⋮	ニ	57	9	九	75	K	ク
40	⋮	ニ	58	⋮	ニ	76	L	ル
41	⋮	ニ	59	⋮	ニ	77	M	ム
42	⋮	ニ	60	⋮	ニ	78	N	ヌ
43	⋮	ニ	61	⋮	ニ	79	O	オ
44	⋮	ニ	62	⋮	ニ	80	P	プ
45	⋮	ニ	63	⋮	ニ	81	Q	ク
46	⋮	ニ	64	⋮	ニ	82	R	ル
47	⋮	ニ	65	⋮	ニ	83	S	ス
48	⋮	ニ	66	⋮	ニ	84	T	ツ
49	⋮	ニ	67	⋮	ニ	85	U	ウ

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