Network Element Defaults

Note The terms "Unidirectional Path Switched Ring" and "UPSR" may appear in Cisco literature. These terms do not refer to using Cisco ONS 15xxx products in a unidirectional path switched ring configuration. Rather, these terms, as well as "Path Protected Mesh Network" and "PPMN," refer generally to Cisco's path protection feature, which may be used in any topological network configuration. Cisco does not recommend using its path protection feature in any particular topological network configuration.

This appendix describes the factory-configured (default) network element (NE) settings for the Cisco ONS 15327. It includes descriptions of card default settings and node default settings and provides procedures for importing, exporting and editing the settings. Ethernet card settings are not included in the factory-configured settings.

To change card settings individually (that is, without changing the defaults), see Chapter 10, "Change Port Settings." To change node settings without changing the defaults, see Chapter 9, "Change Node Settings."

Network Element Defaults Description

The NE defaults are pre-installed on each ONS 15327 XTC card. They also ship as a file called 15327-defaults.txt on the CTC software CD in the event you want to import the defaults onto existing XTC cards. The NE defaults include card-level and node-level defaults.

Changes made manually using Chapter 10, "Change Port Settings"override the default settings. If you use the Defaults Editor or import a new defaults file, that is, if defaults are changed, the changes apply only to cards installed or to slots pre-provisioned after the manual changes were made. A new defaults file will not take effect for cards already installed or ports slots already pre-provisioned when the change takes place.

Changes made manually to the node-level default settings (either when you initially turn up a node or change node settings later) override the default settings. If you change the default settings using the Defaults Editor or by importing a new defaults file, the new defaults take effect immediately for all settings except those relating to path protection, BLSR, or 1+1 protection.

Use the following procedures if you need to edit, import, or export NE defaults.

NTP-B164 Edit Network Element Defaults

Purpose	This procedure edits the NE defaults using the NE Defaults Editor. The new defaults can either be applied only to the login node or exported to a file and imported for use on other nodes.
Tools/Equipment	None
Prerequisite Procedures	None
Required/As Needed	As needed
Onsite/Remote	Onsite or remote
Security Level	Superuser only

Step 1 Complete the "DLP-B60 Log into CTC" task on page 2-23. If you are already logged in, continue with Step 2.

Step 2 Click the **Provisioning > Defaults Editor** tabs.

Step 3 In the Defaults Selector area, choose a card (if you are editing card-level defaults) or **NODE** (if you are editing node-level defaults). Click the node name at the top of the Defaults Selector column to list all available NE defaults under Property Name.

Step 4 Locate a default you want to change under Property Name.

Step 5 Click the **Default Value** column for the default property you are changing and choose a value from the drop-down menu (available for some node-level settings only), or type the new value. You can modify multiple default values before applying the changes.

Note If you click **Reset** before you click **Apply**, all values will return to their original settings.

Step 6 Click **Apply**.

Note If the property is unavailable, click the **Property Name** column to activate the Apply button.

Step 7 Click **Yes** on the conformation dialog box. The dialog box appears if you are modifying node-level defaults; it notifies you that applying defaults for node level attributes overrides current provisioning.

Note Changes to node settings take effect when you click **Apply**. Changes to the IIOP Listener Port setting reboots the XTC. Changes made to card settings using the Defaults Editor do not change the settings for cards that are currently installed or slots that are pre-provisioned for cards. Card settings must be manually changed using procedures in Chapter 10, "Change Port Settings."

Stop. You have completed this procedure.

NTP-B165 Import Network Element Defaults

Purpose	This procedure imports the NE defaults using the NE Defaults Editor. The defaults can either be imported from the CTC software CD (factory defaults) or from a customized file exported and saved from a node.
Tools/Equipment	None
Prerequisite Procedures	None
Required/As Needed	As needed
Onsite/Remote	Onsite or remote
Security Level	Superuser only

Step 1 Complete the "DLP-B60 Log into CTC" task on page 2-23. If you are already logged in, continue with Step 2.

Step 2 Click the **Provisioning > Defaults Editor** tabs.

Step 3 Click **Import**.

Step 4 If the correct file name and location do not appear in the Import Defaults from File dialog box, click **Browse** and browse to the file you are importing.

Step 5 When the correct file name and location appear in the dialog box (the correct file name is 15327-defaults.txt if you are importing the factory defaults), click **OK**.

A pencil icon will appear next to any default value that will be changed as a result of importing the new defaults file.

Step 6 Click **Apply**.

Step 7 Click **Yes** on the confirmation dialog box. The dialog box appears if you are modifying node-level defaults; it notifies you that applying defaults for node level attributes overrides current provisioning.

Note Changes to node settings take effect when you click Apply. Changes to the IIOP Listener Port setting reboots the XTC. Changes made to card settings using the Defaults Editor do not change the settings for cards that are currently installed or slots that are pre-provisioned for cards. Card settings must be manually changed by using the procedures in Chapter 10, "Change Port Settings."

Stop. You have completed this procedure.

NTP-B166 Export Network Element Defaults

Purpose	This procedure exports the NE defaults using the NE Defaults Editor. The exported defaults can be imported to other nodes.
Tools/Equipment	None
Prerequisite Procedures	None
Required/As Needed	As needed
Onsite/Remote	Onsite or remote
Security Level	Superuser only

Step 1 Complete the "DLP-B60 Log into CTC" task on page 2-23. If you are already logged in, continue with Step 2.

Step 2 Click the **Provisioning > Defaults Editor** tabs.

Step 3 Click **Export**.

Step 4 If the file it does not appear in the Export Defaults to File dialog box, Click **Browse** and browse to the location where you want to export the file

Step 5 Change the file name to something easy to remember (the file name has no extension).

Step 6 Click **OK**.

Stop. You have completed this procedure.

Card Default Settings

The tables in this section list the default settings for each card. Cisco provides the following settings pre-provisioned for the ONS 15327 optical cards and electrical ports:

- Soak Time (all cards) is the length of time that elapses between an AINS port receiving a valid signal and when it automatically changes to in-service status.
- Line Coding (DS-1 ports) defines the DS-1 transmission coding type that is used.
- Line Length (DS-1 ports) defines the distance (in feet) from the backplane connection to the next termination point.
- Line Type (DS-1 ports) defines the type of framing used.
- Port State (all cards) sets the port to one of the four available states (IS, OOS, OOS_MT, or OOS_AINS), depending on whether you need ports in or out of service. Refer to the *Cisco ONS 15327 Reference Manual* for a complete description of the port states.
- SF BER Level (OC-N cards) defines the signal fail bit error rate.
- SD BER Level (OC-N cards) defines the signal degrade bit error rate.
- Enable Synch Messages (OC-N cards) enables synchronization status messages (S1 byte), which allow the node to choose the best timing source.
- STS IPPM Enabled (OC-N cards) enables intermediate-path performance monitoring on a node for transparent monitoring of a channel that does not terminate on that node.
- Send Do Not Use (OC-N cards) sends a DUS message on the S1 byte when enabled.

- PM Threshold Settings (all cards) set the performance monitoring parameters for gathering performance data and detecting problems early.

Table C-1 lists the DS-1 default settings.

Table C-1 DS-1 Default Settings

Property Name	Default Value
XTCDS1.config.AINSSoakTime	08:00 (hours:mins)
XTCDS1.config.LineCoding	AMI
XTCDS1.config.LineLength	0-131 (feet)
XTCDS1.config.LineType	D4
XTCDS1XTCDS1.config.State	OOS
XTCDS1.pmthresholds.line.farend.15min.ES	65 (seconds)
XTCDS1.pmthresholds.line.farend.1day.ES	648 (seconds)
XTCDS1.pmthresholds.line.nearend.15min.CV	13340 (BPV count)
XTCDS1.pmthresholds.line.nearend.15min.ES	65 (seconds)
XTCDS1.pmthresholds.line.nearend.15min.LOSS	10 (seconds)
XTCDS1.pmthresholds.line.nearend.15min.SES	10 (seconds)
XTCDS1.pmthresholds.line.nearend.1day.CV	133400 (BPV count)
XTCDS1.pmthresholds.line.nearend.1day.ES	648 (seconds)
XTCDS1.pmthresholds.line.nearend.1day.LOSS	10 (seconds)
XTCDS1.pmthresholds.line.nearend.1day.SES	100 (seconds)
XTCDS1.pmthresholds.path.farend.15min.CSS	25 (seconds)
XTCDS1.pmthresholds.path.farend.15min.CV	13296 (BIP count)
XTCDS1.pmthresholds.path.farend.15min.ES	65 (seconds)
XTCDS1.pmthresholds.path.farend.15min.ESA	25 (seconds)
XTCDS1.pmthresholds.path.farend.15min.ESB	25 (seconds)
XTCDS1.pmthresholds.path.farend.15min.SEFS	25 (seconds)
XTCDS1.pmthresholds.path.farend.15min.SES	10 (seconds)
XTCDS1.pmthresholds.path.farend.15min.UAS	10 (seconds)
XTCDS1.pmthresholds.path.farend.1day.CSS	25 (seconds)
XTCDS1.pmthresholds.path.farend.1day.CV	132960 (BIP count)
XTCDS1.pmthresholds.path.farend.1day.ES	648 (seconds)
XTCDS1.pmthresholds.path.farend.1day.ESA	25 (seconds)
XTCDS1.pmthresholds.path.farend.1day.ESB	25 (seconds)
XTCDS1.pmthresholds.path.farend.1day.SEFS	25 (seconds)
XTCDS1.pmthresholds.path.farend.1day.SES	100 (seconds)
XTCDS1.pmthresholds.path.farend.1day.UAS	10 (seconds)
XTCDS1.pmthresholds.path.nearend.15min.AISS	10 (seconds)
XTCDS1.pmthresholds.path.nearend.15min.CV	13296 (BIP count)

Table C-1 DS-1 Default Settings (continued)

Property Name	Default Value
XTCDS1.pmthresholds.path.nearend.15min.ES	65 (seconds)
XTCDS1.pmthresholds.path.nearend.15min.SAS	2 (seconds)XTCDS3
XTCDS1.pmthresholds.path.nearend.15min.SES	10 (seconds)
XTCDS1.pmthresholds.path.nearend.15min.UAS	10 (seconds)
XTCDS1.pmthresholds.path.nearend.1day.AISS	10 (seconds)
XTCDS1.pmthresholds.path.nearend.1day.CV	132960 (BIP count)
XTCDS1.pmthresholds.path.nearend.1day.ES	648 (seconds)
XTCDS1.pmthresholds.path.nearend.1day.SAS	17 (seconds)
XTCDS1.pmthresholds.path.nearend.1day.SES	100 (seconds)
XTCDS1.pmthresholds.path.nearend.1day.UAS	10 (seconds)
XTCDS1.pmthresholds.sts.farend.15min.CV	15 (B3 count)
XTCDS1.pmthresholds.sts.farend.15min.ES	12 (seconds)
XTCDS1.pmthresholds.sts.farend.15min.FC	10 (count)
XTCDS1.pmthresholds.sts.farend.15min.SES	3 (seconds)
XTCDS1.pmthresholds.sts.farend.15min.UAS	10 (seconds)
XTCDS1.pmthresholds.sts.farend.1day.CV	125 (B3 count)
XTCDS1.pmthresholds.sts.farend.1day.ES	100 (seconds)
XTCDS1.pmthresholds.sts.farend.1day.FC	10 (count)
XTCDS1.pmthresholds.sts.farend.1day.SES	7 (seconds)
XTCDS1.pmthresholds.sts.farend.1day.UAS	10 (seconds)
XTCDS1.pmthresholds.sts.nearend.15min.CV	15 (B3 count)
XTCDS1.pmthresholds.sts.nearend.15min.ES	12 (seconds)
XTCDS1.pmthresholds.sts.nearend.15min.FC	10 (count)
XTCDS1.pmthresholds.sts.nearend.15min.SES	3 (seconds)
XTCDS1.pmthresholds.sts.nearend.15min.UAS	10 (seconds)
XTCDS1.pmthresholds.sts.nearend.1day.CV	125 (B3 count)
XTCDS1.pmthresholds.sts.nearend.1day.ES	100 (seconds)
XTCDS1.pmthresholds.sts.nearend.1day.FC	10 (count)
XTCDS1.pmthresholds.sts.nearend.1day.SES	7 (seconds)
XTCDS1.pmthresholds.sts.nearend.1day.UAS	10 (seconds)
XTCDS1.pmthresholds.vt.farend.15min.CV	15 (BIP8 count)
XTCDS1.pmthresholds.vt.farend.15min.ES	12 (seconds)
XTCDS1.pmthresholds.vt.farend.15min.SES	3 (seconds)
XTCDS1.pmthresholds.vt.farend.15min.UAS	10 (seconds)
XTCDS1.pmthresholds.vt.farend.1day.CV	125 (BIP8 count)
XTCDS1.pmthresholds.vt.farend.1day.ES	100 (seconds)

Table C-1 DS-1 Default Settings (continued)

Property Name	Default Value
XTCDS1.pmthresholds.vt.farend.1day.SES	7 (seconds)
XTCDS1.pmthresholds.vt.farend.1day.UAS	10 (seconds)
XTCDS1.pmthresholds.vt.nearend.15min.CV	15 (BIP8 count)
XTCDS1.pmthresholds.vt.nearend.15min.ES	12 (seconds)
XTCDS1.pmthresholds.vt.nearend.15min.SES	3 (seconds)
XTCDS1.pmthresholds.vt.nearend.15min.UAS	10 (seconds)
XTCDS1.pmthresholds.vt.nearend.1day.CV	125 (BIP8 count)
XTCDS1.pmthresholds.vt.nearend.1day.ES	100 (seconds)
XTCDS1.pmthresholds.vt.nearend.1day.SES	7 (seconds)
XTCDS1.pmthresholds.vt.nearend.1day.UAS	10 (seconds)

Table C-2 lists the DS-3 default settings.

Table C-2 DS-3 Default Settings

Property Name	Default Value
XTCDS3.config.AINSSoakTime	08:00 (hours:mins)
XTCDS3.config.LineLength	0-225 (feet)
XTCDS3.config.State	OOS
XTCDS3.pmthresholds.line.nearend.15min.CV	387 (BPV count)
XTCDS3.pmthresholds.line.nearend.15min.ES	25 (seconds)
XTCDS3.pmthresholds.line.nearend.15min.LOSS	10 (seconds)
XTCDS3.pmthresholds.line.nearend.15min.SES	4 (seconds)
XTCDS3.pmthresholds.line.nearend.1day.CV	3865 (BPV count)
XTCDS3.pmthresholds.line.nearend.1day.ES	250 (seconds)
XTCDS3.pmthresholds.line.nearend.1day.LOSS	10 (seconds)
XTCDS3.pmthresholds.line.nearend.1day.SES	40 (seconds)
XTCDS3.pmthresholds.sts.farend.15min.CV	15 (G1 count)
XTCDS3.pmthresholds.sts.farend.15min.ES	12 (seconds)
XTCDS3.pmthresholds.sts.farend.15min.FC	10 (count)
XTCDS3.pmthresholds.sts.farend.15min.SES	3 (seconds)
XTCDS3.pmthresholds.sts.farend.15min.UAS	10 (seconds)
XTCDS3.pmthresholds.sts.farend.1day.CV	125 (G1 count)
XTCDS3.pmthresholds.sts.farend.1day.ES	100 (seconds)
XTCDS3.pmthresholds.sts.farend.1day.FC	10 (count)
XTCDS3.pmthresholds.sts.farend.1day.SES	7 (seconds)
XTCDS3.pmthresholds.sts.farend.1day.UAS	10 (seconds)

Table C-2 DS-3 Default Settings (continued)

Property Name	Default Value
XTCDS3.pmthresholds.sts.nearend.15min.CV	15 (B3 count)
XTCDS3.pmthresholds.sts.nearend.15min.ES	12 (seconds)
XTCDS3.pmthresholds.sts.nearend.15min.FC	10 (count)
XTCDS3.pmthresholds.sts.nearend.15min.SES	3 (seconds)
XTCDS3.pmthresholds.sts.nearend.15min.UAS	10 (seconds)
XTCDS3.pmthresholds.sts.nearend.1day.CV	125 (B3 count)
XTCDS3.pmthresholds.sts.nearend.1day.ES	100 (seconds)
XTCDS3.pmthresholds.sts.nearend.1day.FC	10 (count)
XTCDS3.pmthresholds.sts.nearend.1day.SES	7 (seconds)
XTCDS3.pmthresholds.sts.nearend.1day.UAS	10 (seconds)

Table C-3 lists the default settings for the OC-3 card.

Table C-3 OC-3 Card Default Settings

Property Name	Default Value
OC3.config.line.AINSSoakTime	08:00 (hours:mins)
OC3.config.line.EnableSyncMsg	TRUE
OC3.config.line.PJStsMon#	0 (STS #)
OC3.config.line.SDBER	1E-7
OC3.config.line.SFBER	1E-4
OC3.config.line.SendDoNotUse	FALSE
OC3.config.line.State	OOS
OC3.config.sts.IPPMEnabled	FALSE
OC3.pmthresholds.line.farend.15min.CV	1312 (B2 count)
OC3.pmthresholds.line.farend.15min.ES	87 (seconds)
OC3.pmthresholds.line.farend.15min.FC	10 (count)
OC3.pmthresholds.line.farend.15min.SES	1 (seconds)
OC3.pmthresholds.line.farend.15min.UAS	3 (seconds)
OC3.pmthresholds.line.farend.1day.CV	13120 (B2 count)
OC3.pmthresholds.line.farend.1day.ES	864 (seconds)
OC3.pmthresholds.line.farend.1day.FC	40 (count)
OC3.pmthresholds.line.farend.1day.SES	4 (seconds)
OC3.pmthresholds.line.farend.1day.UAS	10 (seconds)
OC3.pmthresholds.line.nearend.15min.CV	1312 (B2 count)
OC3.pmthresholds.line.nearend.15min.ES	87 (seconds)
OC3.pmthresholds.line.nearend.15min.FC	10 (count)

Table C-3 OC-3 Card Default Settings (continued)

Property Name	Default Value
OC3.pmthresholds.line.nearend.15min.NPJC-PDET	60 (count)
OC3.pmthresholds.line.nearend.15min.NPJC-PGEN	60 (count)
OC3.pmthresholds.line.nearend.15min.PPJC-PDET	60 (count)
OC3.pmthresholds.line.nearend.15min.PPJC-PGEN	60 (count)
OC3.pmthresholds.line.nearend.15min.PSC	1 (count)
OC3.pmthresholds.line.nearend.15min.PSD	300 (seconds)
OC3.pmthresholds.line.nearend.15min.SES	1 (seconds)
OC3.pmthresholds.line.nearend.15min.UAS	3 (seconds)
OC3.pmthresholds.line.nearend.1day.CV	13120 (B2 count)
OC3.pmthresholds.line.nearend.1day.ES	864 (seconds)
OC3.pmthresholds.line.nearend.1day.FC	40 (count)
OC3.pmthresholds.line.nearend.1day.NPJC-PDET	5760 (count)
OC3.pmthresholds.line.nearend.1day.NPJC-PGEN	5760 (count)
OC3.pmthresholds.line.nearend.1day.PPJC-PDET	5760 (count)
OC3.pmthresholds.line.nearend.1day.PPJC-PGEN	5760 (count)
OC3.pmthresholds.line.nearend.1day.PSC	5 (count)
OC3.pmthresholds.line.nearend.1day.PSD	600 (seconds)
OC3.pmthresholds.line.nearend.1day.SES	4 (seconds)
OC3.pmthresholds.line.nearend.1day.UAS	10 (seconds)
OC3.pmthresholds.section.nearend.15min.CV	1000 (B1 count)
OC3.pmthresholds.section.nearend.15min.ES	500 (seconds)
OC3.pmthresholds.section.nearend.15min.SEFS	500 (seconds)
OC3.pmthresholds.section.nearend.15min.SES	500 (seconds)
OC3.pmthresholds.section.nearend.1day.CV	100000 (B1 count)
OC3.pmthresholds.section.nearend.1day.ES	5000 (seconds)
OC3.pmthresholds.section.nearend.1day.SEFS	5000 (seconds)
OC3.pmthresholds.section.nearend.1day.SES	5000 (seconds)
OC3.pmthresholds.sts.nearend.15min.CV	15 (B3 count)
OC3.pmthresholds.sts.nearend.15min.ES	12 (seconds)
OC3.pmthresholds.sts.nearend.15min.FC	10 (count)
OC3.pmthresholds.sts.nearend.15min.SES	3 (seconds)
OC3.pmthresholds.sts.nearend.15min.UAS	10 (seconds)
OC3.pmthresholds.sts.nearend.1day.CV	125 (B3 count)
OC3.pmthresholds.sts.nearend.1day.ES	100 (seconds)
OC3.pmthresholds.sts.nearend.1day.FC	10 (count)

Table C-3 OC-3 Card Default Settings (continued)

Property Name	Default Value
OC3.pmthresholds.sts.nearend.1day.SES	7 (seconds)
OC3.pmthresholds.sts.nearend.1day.UAS	10 (seconds)

Table C-4 lists the default settings for the OC-12 card.

Table C-4 OC-12 Card Default Settings

Property Name	Default Value
OC12.config.line.AINSSoakTime	08:00 (hours:mins)
OC12.config.line.EnableSyncMsg	TRUE
OC12.config.line.PJStsMon#	0 (STS #)
OC12.config.line.SDBER	1E-7
OC12.config.line.SFBER	1E-4
OC12.config.line.SendDoNotUse	FALSE
OC12.config.line.State	OOS
OC12.config.sts.IPPMEnabled	FALSE
OC12.pmthresholds.line.farend.15min.CV	5315 (B2 count)
OC12.pmthresholds.line.farend.15min.ES	87 (seconds)
OC12.pmthresholds.line.farend.15min.FC	10 (count)
OC12.pmthresholds.line.farend.15min.SES	1 (seconds)
OC12.pmthresholds.line.farend.15min.UAS	3 (seconds)
OC12.pmthresholds.line.farend.1day.CV	53150 (B2 count)
OC12.pmthresholds.line.farend.1day.ES	864 (seconds)
OC12.pmthresholds.line.farend.1day.FC	40 (count)
OC12.pmthresholds.line.farend.1day.SES	4 (seconds)
OC12.pmthresholds.line.farend.1day.UAS	10 (seconds)
OC12.pmthresholds.line.nearend.15min.CV	5315 (B2 count)
OC12.pmthresholds.line.nearend.15min.ES	87 (seconds)
OC12.pmthresholds.line.nearend.15min.FC	10 (count)
OC12.pmthresholds.line.nearend.15min.NPJC-PDET	60 (count)
OC12.pmthresholds.line.nearend.15min.NPJC-PGEN	60 (count)
OC12.pmthresholds.line.nearend.15min.PPJC-PDET	60 (count)
OC12.pmthresholds.line.nearend.15min.PPJC-PGEN	60 (count)
OC12.pmthresholds.line.nearend.15min.PSC	1 (count)
OC12.pmthresholds.line.nearend.15min.PSC-W	1 (count)
OC12.pmthresholds.line.nearend.15min.PSD	300 (seconds)
OC12.pmthresholds.line.nearend.15min.PSD-W	300 (seconds)

Table C-4 OC-12 Card Default Settings (continued)

Property Name	Default Value
OC12.pmthresholds.line.nearend.15min.SES	1 (seconds)
OC12.pmthresholds.line.nearend.15min.UAS	3 (seconds)
OC12.pmthresholds.line.nearend.1day.CV	53150 (B2 count)
OC12.pmthresholds.line.nearend.1day.ES	864 (seconds)
OC12.pmthresholds.line.nearend.1day.FC	40 (count)
OC12.pmthresholds.line.nearend.1day.NPJC-PDET	5760 (count)
OC12.pmthresholds.line.nearend.1day.NPJC-PGEN	5760 (count)
OC12.pmthresholds.line.nearend.1day.PPJC-PDET	5760 (count)
OC12.pmthresholds.line.nearend.1day.PPJC-PGEN	5760 (count)
OC12.pmthresholds.line.nearend.1day.PSC	5 (count)
OC12.pmthresholds.line.nearend.1day.PSC-W	5 (count)
OC12.pmthresholds.line.nearend.1day.PSD	600 (seconds)
OC12.pmthresholds.line.nearend.1day.PSD-W	600 (seconds)
OC12.pmthresholds.line.nearend.1day.SES	4 (seconds)
OC12.pmthresholds.line.nearend.1day.UAS	10 (seconds)
OC12.pmthresholds.section.nearend.15min.CV	1000 (B1 count)
OC12.pmthresholds.section.nearend.15min.ES	500 (seconds)
OC12.pmthresholds.section.nearend.15min.SEFS	500 (seconds)
OC12.pmthresholds.section.nearend.15min.SES	500 (seconds)
OC12.pmthresholds.section.nearend.1day.CV	100000 (B1 count)
OC12.pmthresholds.section.nearend.1day.ES	5000 (seconds)
OC12.pmthresholds.section.nearend.1day.SEFS	5000 (seconds)
OC12.pmthresholds.section.nearend.1day.SES	5000 (seconds)
OC12.pmthresholds.sts.nearend.15min.CV	15 (B3 count)
OC12.pmthresholds.sts.nearend.15min.ES	12 (seconds)
OC12.pmthresholds.sts.nearend.15min.FC	10 (count)
OC12.pmthresholds.sts.nearend.15min.SES	3 (seconds)
OC12.pmthresholds.sts.nearend.15min.UAS	10 (seconds)
OC12.pmthresholds.sts.nearend.1day.CV	125 (B3 count)
OC12.pmthresholds.sts.nearend.1day.ES	100 (seconds)
OC12.pmthresholds.sts.nearend.1day.FC	10 (count)
OC12.pmthresholds.sts.nearend.1day.SES	7 (seconds)
OC12.pmthresholds.sts.nearend.1day.UAS	10 (seconds)

Table C-5 lists the default settings for the OC-48 cards.

Table C-5 OC-48 Cards Default Settings

Property Name	Default Value
OC48.config.line.AINSSoakTime	08:00 (hours:mins)
OC48.config.line.EnableSyncMsg	TRUE
OC48.config.line.PJStsMon#	0 (STS #)
OC48.config.line.SDBER	1E-7
OC48.config.line.SFBER	1E-4
OC48.config.line.SendDoNotUse	FALSE
OC48.config.line.State	OOS
OC48.config.sts.IPPMEnabled	FALSE
OC48.pmthresholds.line.farend.15min.CV	21260 (B2 count)
OC48.pmthresholds.line.farend.15min.ES	87 (seconds)
OC48.pmthresholds.line.farend.15min.FC	10 (count)
OC48.pmthresholds.line.farend.15min.SES	1 (seconds)
OC48.pmthresholds.line.farend.15min.UAS	3 (seconds)
OC48.pmthresholds.line.farend.1day.CV	212600 (B2 count)
OC48.pmthresholds.line.farend.1day.ES	864 (seconds)
OC48.pmthresholds.line.farend.1day.FC	40 (count)
OC48.pmthresholds.line.farend.1day.SES	4 (seconds)
OC48.pmthresholds.line.farend.1day.UAS	10 (seconds)
OC48.pmthresholds.line.nearend.15min.CV	21260 (B2 count)
OC48.pmthresholds.line.nearend.15min.ES	87 (seconds)
OC48.pmthresholds.line.nearend.15min.FC	10 (count)
OC48.pmthresholds.line.nearend.15min.NPJC-PDET	60 (count)
OC48.pmthresholds.line.nearend.15min.NPJC-PGEN	60 (count)
OC48.pmthresholds.line.nearend.15min.PPJC-PDET	60 (count)
OC48.pmthresholds.line.nearend.15min.PPJC-PGEN	60 (count)
OC48.pmthresholds.line.nearend.15min.PSC	1 (count)
OC48.pmthresholds.line.nearend.15min.PSC-R	1 (count)
OC48.pmthresholds.line.nearend.15min.PSC-S	1 (count)
OC48.pmthresholds.line.nearend.15min.PSC-W	1 (count)
OC48.pmthresholds.line.nearend.15min.PSD	300 (seconds)
OC48.pmthresholds.line.nearend.15min.PSD-R	300 (seconds)
OC48.pmthresholds.line.nearend.15min.PSD-S	300 (seconds)
OC48.pmthresholds.line.nearend.15min.PSD-W	300 (seconds)
OC48.pmthresholds.line.nearend.15min.SES	1 (seconds)
OC48.pmthresholds.line.nearend.15min.UAS	3 (seconds)

Table C-5 OC-48 Cards Default Settings (continued)

Property Name	Default Value
OC48.pmthresholds.line.nearend.1day.CV	212600 (B2 count)
OC48.pmthresholds.line.nearend.1day.ES	864 (seconds)
OC48.pmthresholds.line.nearend.1day.FC	40 (count)
OC48.pmthresholds.line.nearend.1day.NPJC-PDET	5760 (count)
OC48.pmthresholds.line.nearend.1day.NPJC-PGEN	5760 (count)
OC48.pmthresholds.line.nearend.1day.PPJC-PDET	5760 (count)
OC48.pmthresholds.line.nearend.1day.PPJC-PGEN	5760 (count)
OC48.pmthresholds.line.nearend.1day.PSC	5 (count)
OC48.pmthresholds.line.nearend.1day.PSC-R	5 (count)
OC48.pmthresholds.line.nearend.1day.PSC-S	5 (count)
OC48.pmthresholds.line.nearend.1day.PSC-W	5 (count)
OC48.pmthresholds.line.nearend.1day.PSD	600 (seconds)
OC48.pmthresholds.line.nearend.1day.PSD-R	600 (seconds)
OC48.pmthresholds.line.nearend.1day.PSD-S	600 (seconds)
OC48.pmthresholds.line.nearend.1day.PSD-W	600 (seconds)
OC48.pmthresholds.line.nearend.1day.SES	4 (seconds)
OC48.pmthresholds.line.nearend.1day.UAS	10 (seconds)
OC48.pmthresholds.section.nearend.15min.CV	10000 (B1 count)
OC48.pmthresholds.section.nearend.15min.ES	500 (seconds)
OC48.pmthresholds.section.nearend.15min.SEFS	500 (seconds)
OC48.pmthresholds.section.nearend.15min.SES	500 (seconds)
OC48.pmthresholds.section.nearend.1day.CV	100000 (B1 count)
OC48.pmthresholds.section.nearend.1day.ES	5000 (seconds)
OC48.pmthresholds.section.nearend.1day.SEFS	5000 (seconds)
OC48.pmthresholds.section.nearend.1day.SES	5000 (seconds)
OC48.pmthresholds.sts.nearend.15min.CV	15 (B3 count)
OC48.pmthresholds.sts.nearend.15min.ES	12 (seconds)
OC48.pmthresholds.sts.nearend.15min.FC	10 (count)
OC48.pmthresholds.sts.nearend.15min.SES	3 (seconds)
OC48.pmthresholds.sts.nearend.15min.UAS	10 (seconds)
OC48.pmthresholds.sts.nearend.1day.CV	125 (B3 count)
OC48.pmthresholds.sts.nearend.1day.ES	100 (seconds)
OC48.pmthresholds.sts.nearend.1day.FC	10 (count)
OC48.pmthresholds.sts.nearend.1day.SES	7 (seconds)
OC48.pmthresholds.sts.nearend.1day.UAS	10 (seconds)

Node Default Settings

The table in this section lists the node-level default settings for the Cisco ONS 15327. Cisco provides the following types of settings pre-provisioned for each ONS 15327 node:

- path protection reversion settings determine whether or not path protection circuits are revertive and, if so, what the reversion time is.
- Defaults Description lists the current defaults file on the node.
- BLSR reversion settings determine whether or not BLSR circuits are revertive and, if so, what the reversion time is.
- IIOP Listener Port sets the IIOP listener port number.
- Login Warning Message warns users at the login screen about the possible legal or contractual ramifications of accessing equipment, systems, or networks without authorization.
- 1+1 protection settings determine whether or not 1+1 protected circuits are revertive and, if so, what the reversion time is.
- Timing settings determine the AIS threshold, coding, and framing for BITS1 and BITS2 timing.

Table C-6 lists the ONS 15327 node default settings.

Table C-6 Node Default Settings

Property Name	Default Value
NODE.circuits.CreateLikeTL1	FALSE
NODE.circuits.upsr.SDBER	1E-6
NODE.circuits.upsr.SFBER	1E-4
NODE.circuits.upsr.SwitchOnPDIP	FALSE
NODE.circuits.upsr.ReversionTime	5.0 (minutes)
NODE.circuits.upsr.Revertive	FALSE
NODE.general.CraftAccessOnly	FALSE
NODE.general.CtcIpDisplaySuppression	FALSE
NODE.general.DefaultsDescription	Factory Defaults
NODE.general.EnableFirewall	FALSE
NODE.general.EnableProxy	FALSE
NODE.general.IIOPListenerPort (reboots node)	57790 (port #)
NODE.general.LoginWarningMessage	LoginWarningMessage= <B>WARNING</B> This system is restricted to authorized users for business purposes. Unauthorized<p>access is a violation of the law. This service may be monitored for administrative<p> and security reasons. By proceeding, you consent to this monitoring.
NODE.general.NtpSntpServer	0.0.0.0
NODE.general.TimeZone	(GMT-08\:00) Los Angeles, Tijuana, Vancouver (Pacific)

Table C-6 Node Default Settings (continued)

Property Name	Default Value
NODE.general.UseDST	TRUE
NODE.general.UseNtpSntpServer	FALSE
NODE.protection.1+1.BidirectionalSwitching	FALSE
NODE.protection.1+1.ReversionTime	5.0 (minutes)
NODE.protection.1+1.Revertive	FALSE
NODE.protection.blsr.RingReversionTime	5.0 (minutes)
NODE.protection.blsr.RingRevertive	TRUE
NODE.protection.blsr.SpanReversionTime	5.0 (minutes)
NODE.protection.blsr.SpanRevertive	TRUE
NODE.security.policy.FailedLoginsBeforeLockout	5
NODE.security.policy.IdleUserTimeoutPolicy.Maintenance	60
NODE.security.policy.IdleUserTimeoutPolicy.Provisioning	30
NODE.security.policy.IdleUserTimeoutPolicy.Retrieve	0
NODE.security.policy.IdleUserTimeoutPolicy.Superuser	15
NODE.security.policy.LockoutDuration	00\:30
NODE.security.policy.ManualUnlockBySuperuser	FALSE
NODE.security.policy.PasswordReuseThreshold	1
NODE.security.policy.PasswordReuseTimeou	20
NODE.security.policy.SingleSessionPerUser	FALSE
NODE.timing.bits-1.AISThreshold	SMC
NODE.timing.bits-1.Coding	B8ZS
NODE.timing.bits-1.Framing	ESF
NODE.timing.bits-1.State	IS
NODE.timing.bits-2.AISThreshold	SMC
NODE.timing.bits-2.Coding	B8ZS
NODE.timing.bits-2.Framing	ESF
NODE.timing.bits-2.State	IS
NODE.timing.general.Mode	External
NODE.timing.general.QualityOfRES	RES=DUS
NODE.timing.general.ReversionTime	5.0 (minutes)
NODE.timing.general.Revertive	FALSE
NODE.timing.general.SSMMessageSet	Generation 1