

77- System Level Generic Pon Config Commands

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77.1 System Level Generic Pon Config Command Tree

Description

This chapter gives an overview of nodes that are handled by "System Level Generic Pon Config Commands".

Command Tree

- configure**
 - generic-pon**
 - dpinteg-threshold
 - utilization**
 - [no] pon-pmcollect
 - [no] ont-pmcollect
 - threshold**
 - [no] txmcutilhi
 - [no] txmcutilmd
 - [no] txmcutillo
 - [no] txtotutilhi
 - [no] txtotutilmd
 - [no] txtotutillo
 - [no] rxtotutilhi
 - [no] rxtotutilmd
 - [no] rxtotutillo
 - [no] dbacongperiodhi
 - [no] dbacongperiodmd
 - [no] dbacongperiodlo
 - [no] txucdropfrmhi
 - [no] txucdropfrmmd
 - [no] txucdropfrmlo
 - [no] txmcdropfrmhi
 - [no] txmcdropfrmmd
 - [no] txmcdropfrmlo
 - [no] txbcdropfrmhi
 - [no] txbcdropfrmmd
 - [no] txbcdropfrmlo
 - [no] rxtotdropfrmhi
 - [no] rxtotdropfrmmd
 - [no] rxtotdropfrmlo
 - [no] numtcint
 - [no] numtcintdba
 - [no] dbacongthresh
 - ont**
 - [no] slid-mode
 - [no] sn-bundle-timer
 - [no] sw-ver-mis-block
 - [no] sn-autounlock
 - [no] power-shed-prof**
 - (profile-idx)
 - profile-name

- [no] restore-time
- [no] data-class-time
- [no] voice-class-time
- [no] video-class-time
- [no] dsl-class-time
- [no] ces-class-time

----gis-info

- [no] longitude
- [no] latitude
- [no] elevation
- [no] horizontal-error
- [no] altitude-error
- [no] area-code
- [no] timestamp
- [no] gis-digest
- [no] gis-check

----alarmflag

- [no] ponlos-alarm-ctrl

77.2 Generic PON Data Path Integrity Threshold command

Command Description

This command configures the PON/Channel-pair Data Path Integrity Threshold

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure generic-pon dpinteg-threshold <Gpon::dpintegThreshold>
```

Command Parameters

Table 77.2-2 "Generic PON Data Path Integrity Threshold command" Command Parameters

Parameter	Type	Description
dpinteg-threshold	Parameter type: <Gpon::dpintegThreshold> Format: - Datapath Integrity Threshold - range: [0...100]	<i>optional parameter</i> configure data-path integrity threshold value for gpon/ngpon2

77.3 Generic PON Utilization PM Mode Configuration Command

Command Description

This command configures the generic PON (system-wide) utilization performance monitoring modes for PONs and channel-pairs.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure generic-pon utilization [ no pon-pmcollect | pon-pmcollect <Gpon::OntPmTcaCollect> ] [ no ont-pmcollect | ont-pmcollect <Gpon::OntPmCollect> ]
```

Command Parameters

Table 77.3-2 "Generic PON Utilization PM Mode Configuration Command" Command Parameters

Parameter	Type	Description
[no] pon-pmcollect	Parameter type: <Gpon::OntPmTcaCollect> Format: (none pm-enable tca-enable) Possible values: - none : no pm - pm-enable : enable pm - tca-enable : enable tca	<i>optional parameter with default value: "none"</i> system-wide PON / channel-pair utilization performance monitoring
[no] ont-pmcollect	Parameter type: <Gpon::OntPmCollect> Format: (enable disable) Possible values: - enable : enable PM - disable : disable PM	<i>optional parameter with default value: "disable"</i> system-wide utilization ONT detailed performance monitoring

77.4 Generic PON Utilization TCA Threshold Configuration Command

Command Description

This command configures the generic PON (system-wide) utilization TCA threshold parameters for PONs and channel-pairs.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure generic-pon utilization threshold [ no txmcutilhi | txmcutilhi <Gpon::PonUtilTcaThresholdPercent> ] [
no txmcutilmd | txmcutilmd <Gpon::PonUtilTcaThresholdPercent> ] [ no txmcutillo | txmcutillo
<Gpon::PonUtilTcaThresholdPercent> ] [ no txtotutilhi | txtotutilhi <Gpon::PonUtilTcaThresholdPercent> ] [ no
txtotutilmd | txtotutilmd <Gpon::PonUtilTcaThresholdPercent> ] [ no txtotutillo | txtotutillo
<Gpon::PonUtilTcaThresholdPercent> ] [ no rxtotutilhi | rxtotutilhi <Gpon::PonUtilTcaThresholdPercent> ] [ no
rxtotutilmd | rxtotutilmd <Gpon::PonUtilTcaThresholdPercent> ] [ no rxtotutillo | rxtotutillo
<Gpon::PonUtilTcaThresholdPercent> ] [ no dbacongperiodhi | dbacongperiodhi
<Gpon::PonUtilTcaThresholdPercent> ] [ no dbacongperiodmd | dbacongperiodmd
<Gpon::PonUtilTcaThresholdPercent> ] [ no dbacongperiodlo | dbacongperiodlo
<Gpon::PonUtilTcaThresholdPercent> ] [ no txucdropfrmhi | txucdropfrmhi
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txucdropfrmmd | txucdropfrmmd
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txucdropfrmlo | txucdropfrmlo
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txmcdropfrmhi | txmcdropfrmhi
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txmcdropfrmmd | txmcdropfrmmd
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txmcdropfrmlo | txmcdropfrmlo
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txbcdropfrmhi | txbcdropfrmhi
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txbcdropfrmmd | txbcdropfrmmd
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no txbcdropfrmlo | txbcdropfrmlo
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no rxtotdropfrmhi | rxtotdropfrmhi
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no rxtotdropfrmmd | rxtotdropfrmmd
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no rxtotdropfrmlo | rxtotdropfrmlo
<Gpon::PonUtilTcaDroppedPacketsThreshold> ] [ no numtcint | numtcint <Gpon::PonUtilTcaInterval> ] [ no
numtcintdba | numtcintdba <Gpon::PonUtilTcaInterval> ] [ no dbacongthresh | dbacongthresh
<Gpon::PonUtilTcaCongThreshold> ]
```

Command Parameters

Table 77.4-2 "Generic PON Utilization TCA Threshold Configuration Command" Command Parameters

Parameter	Type	Description
[no] txmcutilhi	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-TXMCUTILHI alarm
[no] txmcutilmd	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-TXMCUTILMD alarm
[no] txmcutillo	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-TXMCUTILLO alarm
[no] txtotutilhi	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-TXTOTUTILHI alarm
[no] txtotutilmd	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-TXTOTUTILMD alarm
[no] txtotutillo	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-TXTOTUTILLO alarm
[no] rxtotutilhi	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that

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Parameter	Type	Description
	<Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	will result in declaration of T-RXTOTUTILHI alarm
[no] rxtotutilmd	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-RXTOTUTILMD alarm
[no] rxtotutillo	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-RXTOTUTILLO alarm
[no] dbacongperiodhi	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-DBACONGPERIODHI alarm
[no] dbacongperiodmd	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-DBACONGPERIODMD alarm
[no] dbacongperiodlo	Parameter type: <Gpon::PonUtilTcaThresholdPercent> Format: (disabled <Gpon::PonUtilTcaThresholdPercent>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaThresholdPercent> - utilization percentage threshold - range: [0...100]	<i>optional parameter with default value: "disabled"</i> Utilization level (percentage) that will result in declaration of T-DBACONGPERIODLO alarm
[no] txucdropfrmhi	Parameter <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values:	type: <i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXUCDROPFRMHI alarm

Parameter	Type	Description
	- disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	
[no] txucdropfrmmd	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXUCDROPFRMMD alarm
[no] txucdropfrmlo	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXUCDROPFRMLO alarm
[no] txmcdropfrmhi	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXMCDROPFRMHI alarm
[no] txmcdropfrmmd	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXMCDROPFRMMD alarm
[no] txmcdropfrmlo	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXMCDROPFRMLO alarm
[no] txbcdropfrmhi	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format:	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that

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Parameter	Type	Description
	(disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	will result in declaration of T-TXBCDROPFMRMHI alarm
[no] txbcdropfrmmd	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXBCDROPFMRMD alarm
[no] txbcdropfrmlo	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-TXBCDROPFMRLO alarm
[no] rxtotdropfrmhi	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Dropped frames that will result in declaration of T-RXTOTCDROPFMRHI alarm
[no] rxtotdropfrmmd	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-RXTOTCDROPFMRMD alarm
[no] rxtotdropfrmlo	Parameter type: <Gpon::PonUtilTcaDroppedPacketsThreshold> Format: (disabled <Gpon::PonUtilTcaDroppedPacketsThreshold>) Possible values: - disabled : threshold is disabled Field type <Gpon::PonUtilTcaDroppedPacketsThreshold> - dropped frames threshold - range: [0...1000000000]	<i>optional parameter with default value: "disabled"</i> Number of dropped frames that will result in declaration of T-RXTOTCDROPFMRLO alarm

Parameter	Type	Description
[no] numtcint	Parameter type: <Gpon::PonUtilTcaInterval> Format: (1 <Gpon::PonUtilTcaInterval>) Possible values: - 1 : Initial Default Field type <Gpon::PonUtilTcaInterval> - interval threshold - range: [1...96]	<i>optional parameter with default value: "1"</i> Number of contiguous 5-minute intervals for the non-DBA PON utilization thresholds to be exceeded for TCA alarm generation or clearing
[no] numtcintdba	Parameter type: <Gpon::PonUtilTcaInterval> Format: (1 <Gpon::PonUtilTcaInterval>) Possible values: - 1 : Initial Default Field type <Gpon::PonUtilTcaInterval> - interval threshold - range: [1...96]	<i>optional parameter with default value: "1"</i> Number of contiguous 5-minute intervals for the DBA PON congestion thresholds to be exceeded for TCA alarm generation or clearing
[no] dbacongthresh	Parameter type: <Gpon::PonUtilTcaCongThreshold> Format: (90 <Gpon::PonUtilTcaCongThreshold>) Possible values: - 90 : Initial Default Field type <Gpon::PonUtilTcaCongThreshold> - dba congestion percentage threshold - range: [0...100]	<i>optional parameter with default value: "90"</i> Configured DBA congestion threshold as a percentage of the maximum consumable bandwidth

77.5 System ONT Configuration Command

Command Description

This command is to configure the system wide ONT related parameters.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure generic-pon ont [ no slid-mode | slid-mode <Gpon::SlidMode> ] [ no sn-bundle-timer | sn-bundle-timer
<Gpon::SnBundleTimer> ] [ no sw-ver-mis-block | sw-ver-mis-block <Gpon::SwVerMisBlock> ] [ no
sn-autounlock | sn-autounlock <Gpon::OntAuthMode> ]
```

Command Parameters

Table 77.5-2 "System ONT Configuration Command" Command Parameters

Parameter	Type	Description
[no] slid-mode	Parameter type: <Gpon::SlidMode> Format: (ascii hexa-dec) Possible values: - ascii : ascii interpretation for subscriber location - hexa-dec : hexadecimal mode interpretation for subscriber location	<i>optional parameter with default value: "ascii"</i> display interpretation for gpon/ngpon2 subscriber location id
[no] sn-bundle-timer	Parameter type: <Gpon::SnBundleTimer> Format: - the system timer for auto bundling sn - unit: hour - range: [1...72]	<i>optional parameter with default value: 24L</i> the system timer for bundling sn with loid/slid when gpon/ngpon2 ont is in auto-bundle mode
[no] sw-ver-mis-block	Parameter type: <Gpon::SwVerMisBlock> Format: (enable disable) Possible values: - enable : block the user traffic when ont version mismatch - disable : do not block the user traffic when ont version mismatch	<i>optional parameter with default value: "enable"</i> the control behavior of user traffic block when for gpon/ngpon2 ont version mismatch
[no] sn-autounlock	Parameter type: <Gpon::OntAuthMode> Format: (disable enable) Possible values:	<i>optional parameter with default value: "disable"</i> unlock ONT automatically after ONT authenticated

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Parameter	Type	Description
	<ul style="list-style-type: none">- disable : disable unlock ONT automatically after ONT authenticated- enable : enable unlock ONT automatically after ONT authenticated	

77.6 Power Shedding Profile Configuration Command

Command Description

This command allows the operator to configure the Power Shedding Profiles for gpon and ngpon2

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure generic-pon ( no power-shed-prof (profile-idx) ) | ( power-shed-prof (profile-idx) profile-name
<AsamProfileName> [ no restore-time | restore-time <Gpon::RestoreTime> ] [ no data-class-time | data-class-time
<Gpon::DataClassTime> ] [ no voice-class-time | voice-class-time <Gpon::VoiceClassTime> ] [ no
video-class-time | video-class-time <Gpon::VideoClassTime> ] [ no dsl-class-time | dsl-class-time
<Gpon::DslClassTime> ] [ no ces-class-time | ces-class-time <Gpon::CesClassTime> ] )
```

Command Parameters

Table 77.6-1 "Power Shedding Profile Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(profile-idx)	Format: - profile index - range: [1...50]	profile index

Table 77.6-2 "Power Shedding Profile Configuration Command" Command Parameters

Parameter	Type	Description
profile-name	Parameter type: <AsamProfileName> Format: - a profile name - range: [a-zA-Z0-9-_.] - length: 1<=x<=32	<i>mandatory parameter</i> <i>The parameter is not visible during modification.</i> name of the profile
[no] restore-time	Parameter type: <Gpon::RestoreTime> Format: - zero means no-shed, and one means immediate-shed - unit: secs - range: [0...28800]	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible during modification.</i> time delay required before resetting timers to zero after a full power restore
[no] data-class-time	Parameter type: <Gpon::DataClassTime> Format: - zero means no-shed, and one means immediate-shed	<i>optional parameter with default value: 0L</i> <i>The parameter is not visible</i>

Parameter	Type	Description
	- unit: secs - range: [0...28800]	during modification. time delay required before shedding power for data uni classes.
[no] voice-class-time	Parameter type: <Gpon::VoiceClassTime> Format: - zero means no-shed, and one means immediate-shed - unit: secs - range: [0...28800]	optional parameter with default value: 0L The parameter is not visible during modification. the time delay required before shedding power for voice uni classes.
[no] video-class-time	Parameter type: <Gpon::VideoClassTime> Format: - zero means no-shed, and one means immediate-shed - unit: secs - range: [0...28800]	optional parameter with default value: 0L The parameter is not visible during modification. the time delay required before shedding power for the video uni class.
[no] dsl-class-time	Parameter type: <Gpon::DslClassTime> Format: - zero means no-shed, and one means immediate-shed - unit: secs - range: [0...28800]	optional parameter with default value: 0L The parameter is not visible during modification. the time delay required before shedding power for dsl uni classes.
[no] ces-class-time	Parameter type: <Gpon::CesClassTime> Format: - zero means no-shed, and one means immediate-shed - unit: secs - range: [0...28800]	optional parameter with default value: 0L The parameter is not visible during modification. the time delay required before shedding power for ces uni classes.

Command Output

Table 77.6-3 "Power Shedding Profile Configuration Command" Display parameters

Specific Information		
name	Type	Description
scope	Parameter type: <Gpon::Scope> (local network) Possible values: - local : local scope - network : network wide scope	scope of the profile This element is always shown.

77.7 OLT GIS info Configuration Command

Command Description

This command configures the OLT GIS info.

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

```
> configure generic-pon gis-info [ no longitude | longitude <Gpon::OltLongitude> ] [ no latitude | latitude <Gpon::OltLatitude> ] [ no elevation | elevation <Gpon::OltElevation> ] [ no horizontal-error | horizontal-error <Gpon::OltHrzErr> ] [ no altitude-error | altitude-error <Gpon::OltAltErr> ] [ no area-code | area-code <Gpon::OltAreaCode> ] [ no timestamp | timestamp <Gpon::OltTimestamp> ] [ no gis-digest | gis-digest <Gpon::OltGisDigest> ] [ no gis-check | gis-check <Gpon::OltGisCheck> ]
```

Command Parameters

Table 77.7-2 "OLT GIS info Configuration Command" Command Parameters

Parameter	Type	Description
[no] longitude	Parameter type: <Gpon::OltLongitude> Format: - longitude of the GIS info - unit: degree - range: [-180.00000...180.00000]	<i>optional parameter with default value: "0.00000"</i> longitude of GIS info
[no] latitude	Parameter type: <Gpon::OltLatitude> Format: - latitude of the GIS info - unit: degree - range: [-90.00000...90.00000]	<i>optional parameter with default value: "0.00000"</i> latitude of GIS info
[no] elevation	Parameter type: <Gpon::OltElevation> Format: - latitude of the GIS info - unit: meter - range: [-32768...32767]	<i>optional parameter with default value: "0"</i> elevation of GIS info
[no] horizontal-error	Parameter type: <Gpon::OltHrzErr> Format: - horizontal error of the GIS info - unit: meter - range: [0...65535]	<i>optional parameter with default value: "0"</i> horizontal error of GIS info
[no] altitude-error	Parameter type: <Gpon::OltAltErr> Format: - altitude error of the GIS info - unit: meter	<i>optional parameter with default value: "0"</i> altitude error of GIS info

Parameter	Type	Description
	- range: [0...65535]	
[no] area-code	Parameter type: <Gpon::OltAreaCode> Format: - altitude error of the GIS info - 12 Decimal charaters - length: 12	<i>optional parameter with default value: "000000000000"</i> area code of GIS info
[no] timestamp	Parameter type: <Gpon::OltTimestamp> Format: - the seconds eclapsed since 1970-01-01:00:00:00 - unit: Seconds - range: [0...4294967295]	<i>optional parameter with default value: "0"</i> timestamp of GIS info
[no] gis-digest	Parameter type: <Gpon::OltGisDigest> Format: - digest of the GIS info - 16 hex characters - length: 16	<i>optional parameter with default value: "0000000000000000"</i> GIS digest of GIS info
[no] gis-check	Parameter type: <Gpon::OltGisCheck> Format: - check of the GIS info - 4 hex characters - length: 4	<i>optional parameter with default value: "0000"</i> GIS digest of GIS info

77.8 System PONLOS Alarm Re-define Switch

Command Description

This command configures PONLOS (system-wide) alarm redefine switch for PONs and channel-pairs.

if disable, "PONLOS" means original Loss of Signal; if enable, "PONLOS" will be redefined for trunk fiber broken

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

> configure generic-pon alarmflag [no ponlos-alarm-ctrl | ponlos-alarm-ctrl <Gpon::Alarmflag>]

Command Parameters

Table 77.8-2 "System PONLOS Alarm Re-define Switch" Command Parameters

Parameter	Type	Description
[no] ponlos-alarm-ctrl	Parameter type: <Gpon::Alarmflag> Format: (enable disable) Possible values: - enable : enable means trunk Fiber cutoff alarm - disable : disable means PONLOS alarm	<i>optional parameter with default value: "disable"</i> if disable, PONLOS means original Loss of Signal; if enable, PONLOS will be redefined for trunk fiber broken