

Chapter 28

DTD for Interface Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-interface.dtd`, which lists the JUNOS XML tags that contain information about routing platform interfaces. The associated XML namespace is `http://xml.juniper.net/junos/9.4R1/junos-interface`. To review reference pages for the tags, see “Summary of Interface Response Tags” on page 753.

```
<!-- Copyright (c) 2000-2008, Juniper Networks, Inc. -->
```

```
<!-- All rights reserved. -->
```

```
<!-- junos-interface.dtd -->
```

```
<!ELEMENT ac-mac (#PCDATA)>
```

```
<!ELEMENT ac-name-config (#PCDATA)>
```

```
<!ELEMENT ac-name-session (#PCDATA)>
```

```
<!ELEMENT activation-delay (#PCDATA)>
```

```
<!ELEMENT activation-delay-elapsed (#PCDATA)>
```

```
<!ELEMENT active-alarms (type | interface-alarms)*>
```

```
<!ELEMENT active-bundle-links (#PCDATA)>
```

```
<!ELEMENT active-defects (type | interface-alarms)*>
```

```
<!ELEMENT address-family (compression-device-name | address-family-name |
multilink-bundle-name | as-bundle-name | ae-bundle-name | es-sa-name |
es-sa-fail-count | es-sa-xmt-seq-num | es-sa-recv-seq-num | mtu | address-family-flags |
address-family-unnumbered | arp-respond-any-local-address | generation | route-table |
filter-information | policer-information | interface-address | mac-validate-statistics |
route-rpf-statistics | destination-class-statistics | source-class-statistics)*>
```

```
<!ELEMENT address-family-flags (iff-none | iff-primary | iff-redirects | iff-no-redirects |
iff-no-arp-learn | iff-hard-down | iff-down | iff-up | iff-func1 | iff-func2 | iff-is-primary |
iff-recv-options | iff-recv-ttl-exceeded | iff-dst-class-usage | iff-src-class-input |
iff-src-class-output | iff-mtu-user-conf | iff-mac-validate-strict | iff-mac-validate-loose |
iff-rpf-check | iff-rpf-loose-mode | iff-sample-input | iff-sample-output |
iff-no-async-notification | iff-negotiate-address | iff-port-mode-trunk |
iff-mtu-protocol-adj | iff-unnumbered | iff-tcc-mpls | iff-tcc-inet | iff-tcc-inet6 | iff-tcc-iso
| generic-value)*>
```

```

<!ELEMENT address-family-name (#PCDATA)>

<!ELEMENT address-family-unnumbered (unnumbered-family-donor-interface-name |
unnumbered-family-donor-interface-index |
unnumbered-family-preferred-source-address)*>

<!ELEMENT admin-state (#PCDATA)>

<!ELEMENT admin-status (#PCDATA)>
<!ATTLIST admin-status junos:format CDATA #IMPLIED>

<!ELEMENT adsl-annex-type (#PCDATA)>

<!ELEMENT adsl-last-fail-code (#PCDATA)>

<!ELEMENT adsl-seconds-in-showtime (#PCDATA)>

<!ELEMENT adsl-subfunction (#PCDATA)>

<!ELEMENT ae-bundle-name (#PCDATA)>

<!ELEMENT aged-packets (#PCDATA)>

<!ELEMENT alarm-not-present EMPTY>

<!ELEMENT alternate-physical-address (#PCDATA)>

<!ELEMENT apd-supply-fault-alarm (#PCDATA)>

<!ELEMENT arp-respond-any-local-address (#PCDATA)>

<!ELEMENT as-bundle-name (#PCDATA)>

<!ELEMENT atm-cos-information (vc-cos-mode | atm-cos-queue)*>
<!ATTLIST atm-cos-information junos:style CDATA #IMPLIED>

<!ELEMENT atm-cos-plp-statistics (atm-plp0-output-bytes | atm-plp1-output-bytes |
atm-plp0-output-packets | atm-plp1-output-packets | atm-plp0-byte-drops |
atm-plp1-byte-drops | atm-plp0-packet-drops | atm-plp1-packet-drops)*>

<!ELEMENT atm-cos-queue (atm-cos-queue-parameters | atm-cos-queue-statistics |
atm-cos-plp-statistics)*>

<!ELEMENT atm-cos-queue-parameters (cos-forwarding-class-name | cos-queue-number
| scheduling-priority | transmit-weight-cells | transmit-weight-percent | epd-threshold |
epd-threshold-plp0 | epd-threshold-plp1 | linear-red-drop-profile)*>

<!ELEMENT atm-cos-queue-statistics (atm-output-bytes | atm-output-packets |
atm-packet-drops)*>

<!ELEMENT atm-defects (media-alarm)*>

<!ELEMENT atm-e3-framing (#PCDATA)>

<!ELEMENT atm-encapsulation (#PCDATA)>

<!ELEMENT atm-hcs-state (#PCDATA)>

```

```
<!ELEMENT atm-information (plcp-defects | atm-defects | plcp-statistics | atm-hcs-state
| atm-loss-of-cell | atm-statistics)*>
```

```
<!ELEMENT atm-line-build-out (#PCDATA)>
```

```
<!ELEMENT atm-loss-of-cell (#PCDATA)>
```

```
<!ELEMENT atm-output-bytes (#PCDATA)>
```

```
<!ELEMENT atm-output-packets (#PCDATA)>
```

```
<!ELEMENT atm-packet-drops (#PCDATA)>
```

```
<!ELEMENT atm-plp0-byte-drops (#PCDATA)>
```

```
<!ELEMENT atm-plp0-output-bytes (#PCDATA)>
```

```
<!ELEMENT atm-plp0-output-packets (#PCDATA)>
```

```
<!ELEMENT atm-plp0-packet-drops (#PCDATA)>
```

```
<!ELEMENT atm-plp1-byte-drops (#PCDATA)>
```

```
<!ELEMENT atm-plp1-output-bytes (#PCDATA)>
```

```
<!ELEMENT atm-plp1-output-packets (#PCDATA)>
```

```
<!ELEMENT atm-plp1-packet-drops (#PCDATA)>
```

```
<!ELEMENT atm-statistics (uncorrectable-hcs-errors | correctable-hcs-errors |
tx-cell-fifo-overruns | rx-cell-fifo-overruns | rx-cell-fifo-underruns | rx-cell-count |
tx-cell-count | tx-idle-cell-count | vc-queue-drops | no-buffers | length-errors | timeouts |
bundle-timeouts | rx-invalid-vcs | bad-crcs | oam-cell-no-buffers)*>
```

```
<!ELEMENT atm-tm-cbr EMPTY>
```

```
<!ELEMENT atm-tm-rtvbr EMPTY>
```

```
<!ELEMENT atm-tm-vbr EMPTY>
```

```
<!ELEMENT atu-c-country-code (#PCDATA)>
```

```
<!ELEMENT atu-c-vendor-id (#PCDATA)>
```

```
<!ELEMENT atu-c-vendor-specific (#PCDATA)>
```

```
<!ELEMENT atu-r-country-code (#PCDATA)>
```

```
<!ELEMENT atu-r-vendor-id (#PCDATA)>
```

```
<!ELEMENT atu-r-vendor-specific (#PCDATA)>
```

```
<!ELEMENT auto-negotiation (#PCDATA)>
```

```
<!ELEMENT auto-reconnect (#PCDATA)>
```

<!ELEMENT autonegotiation-status (#PCDATA)>

<!ELEMENT backup EMPTY>

<!ELEMENT bad-crcs (#PCDATA)>

<!ELEMENT bad-hardware-length-count (#PCDATA)>

<!ELEMENT bad-packet-length-count (#PCDATA)>

<!ELEMENT bad-protocol-count (#PCDATA)>

<!ELEMENT bad-protocol-length-count (#PCDATA)>

<!ELEMENT bandwidth (#PCDATA)>

<!ELEMENT baud-rate (#PCDATA)>

<!ELEMENT ber-sd (#PCDATA)>

<!ELEMENT ber-sf (#PCDATA)>

<!ELEMENT ber-threshold (ber-sd | ber-sf)*>

<!ELEMENT bipe-count (#PCDATA)>

<!ELEMENT bipe-seconds (#PCDATA)>

<!ELEMENT bit-error-seconds (#PCDATA)>

<!ELEMENT bpdu-error (#PCDATA)>

<!ELEMENT bundle (multilink-frames | network-frames)*>

<!ELEMENT bundle-class (#PCDATA)>

<!ELEMENT bundle-detail (fragments | non-fragments | lfi)*>

<!ELEMENT bundle-timeouts (#PCDATA)>

<!ELEMENT burst (#PCDATA)>

<!ELEMENT call-direction (#PCDATA)>

<!ELEMENT call-duration (#PCDATA)>

<!ELEMENT call-idle-timeout (#PCDATA)>

<!ELEMENT call-status (#PCDATA)>

<!ELEMENT callback-wait-period (#PCDATA)>

<!ELEMENT callback-wait-period-elapsed (#PCDATA)>

<!ELEMENT cam-destination-filter-count (#PCDATA)>

<!ELEMENT cam-source-filter-count (#PCDATA)>

```

<!ELEMENT carrier-transitions (#PCDATA)>

<!ELEMENT cascade-port (#PCDATA)>

<!ELEMENT cds1-information (interface-tx-queue)*>

<!ELEMENT cdvt (#PCDATA)>

<!ELEMENT ce-counter-bytes (#PCDATA)>

<!ELEMENT ce-counter-count (#PCDATA)>

<!ELEMENT ce-counter-name (#PCDATA)>

<!ELEMENT ce-counter-packets (#PCDATA)>

<!ELEMENT ce-excessive-packet-loss-rate-sample-period (#PCDATA)>

<!ELEMENT ce-excessive-packet-loss-rate-threshold (#PCDATA)>

<!ELEMENT ce-idle-pattern (#PCDATA)>

<!ELEMENT ce-jitter-buffer-auto-adjust (#PCDATA)>

<!ELEMENT ce-jitter-buffer-latency (#PCDATA)>

<!ELEMENT ce-jitter-buffer-packets (#PCDATA)>

<!ELEMENT ce-octet-aligned (#PCDATA)>

<!ELEMENT ce-packetization-latency (#PCDATA)>

<!ELEMENT ce-payload-size (#PCDATA)>

<!ELEMENT cell-bundle-size (#PCDATA)>

<!ELEMENT cell-bundle-timeout (#PCDATA)>

<!ELEMENT cell-timeout-count (#PCDATA)>

<!ELEMENT cesopsn-information (ce-packetization-latency | ce-idle-pattern |
ce-jitter-buffer-packets | ce-jitter-buffer-latency | ce-jitter-buffer-auto-adjust |
ce-excessive-packet-loss-rate-sample-period |
ce-excessive-packet-loss-rate-threshold)*>

<!ELEMENT chap-state (#PCDATA)>

<!ELEMENT chassis-queue-counters (interface-chassis-cos-summary | queue)*>
<!ATTLIST chassis-queue-counters junos:style CDATA #IMPLIED>

<!ELEMENT class (class-info | multilink-frames | network-frames)*>

<!ELEMENT class-detail (class-info | fragments | non-fragments)*>

<!ELEMENT class-info (multilink-class-id)*>

```

```

<!ELEMENT clock-mode (#PCDATA)>

<!ELEMENT clock-rate (#PCDATA)>

<!ELEMENT clocking (#PCDATA)>

<!ELEMENT clocking-mode (clock-mode)*>

<!ELEMENT clocking-rate (clock-rate)*>

<!ELEMENT compression-device-name (#PCDATA)>

<!ELEMENT control-memory-error (#PCDATA)>

<!ELEMENT controller (name | admin-status | oper-status)*>

<!ELEMENT copy-tos-to-outer-ip-header (#PCDATA)>

<!ELEMENT correctable-hcs-errors (#PCDATA)>

<!ELEMENT cos-direction (#PCDATA)>

<!ELEMENT cos-forwarding-class-name (#PCDATA)>

<!ELEMENT cos-information (cos-stream-information)*>

<!ELEMENT cos-queue-bandwidth (#PCDATA)>

<!ELEMENT cos-queue-bandwidth-bps (#PCDATA)>

<!ELEMENT cos-queue-bandwidth-bps-remainder (#PCDATA)>

<!ELEMENT cos-queue-bandwidth-remainder (#PCDATA)>

<!ELEMENT cos-queue-buffer (#PCDATA)>

<!ELEMENT cos-queue-buffer-bytes (#PCDATA)>

<!ELEMENT cos-queue-buffer-remainder (#PCDATA)>

<!ELEMENT cos-queue-configuration (cos-queue-number | cos-queue-forwarding-class |
cos-queue-bandwidth | cos-queue-bandwidth-remainder | cos-queue-bandwidth-bps |
cos-queue-bandwidth-bps-remainder | cos-queue-buffer | cos-queue-buffer-remainder |
cos-queue-buffer-bytes | cos-queue-priority | cos-queue-limit)*>

<!ELEMENT cos-queue-forwarding-class (#PCDATA)>

<!ELEMENT cos-queue-limit (#PCDATA)>

<!ELEMENT cos-queue-number (#PCDATA)>

<!ELEMENT cos-queue-priority (#PCDATA)>

<!ELEMENT cos-stream-information (cos-direction | cos-queue-configuration)*>

<!ELEMENT crc (#PCDATA)>

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```

<!ELEMENT crtp (crtp-sessions | crtp-statistics)*>

<!ELEMENT crtp-sessions (input-frames | output-frames)*>

<!ELEMENT crtp-statistics (name | input-frames | input-fps | input-bytes | input-bps |
output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT ct3-information (interface-tx-queue)*>

<!ELEMENT cts (#PCDATA)>

<!ELEMENT cts-polarity (#PCDATA)>

<!ELEMENT current-differential-delay (#PCDATA)>

<!ELEMENT current-physical-address (#PCDATA)>

<!ELEMENT data-memory-error (#PCDATA)>

<!ELEMENT data-signal (rx-clock)*>

<!ELEMENT dcd (#PCDATA)>

<!ELEMENT dcd-polarity (#PCDATA)>

<!ELEMENT dce-loopback-override (#PCDATA)>

<!ELEMENT dcu-class-bps (#PCDATA)>

<!ELEMENT dcu-class-bytes (#PCDATA)>

<!ELEMENT dcu-class-name (#PCDATA)>

<!ELEMENT dcu-class-packets (#PCDATA)>

<!ELEMENT dcu-class-pps (#PCDATA)>

<!ELEMENT deactivation-delay (#PCDATA)>

<!ELEMENT deactivation-delay-elapsed (#PCDATA)>

<!ELEMENT default-vlan-id (#PCDATA)>

<!ELEMENT demux-inet-prefix (#PCDATA)>

<!ELEMENT demux-inet-prefix-count (#PCDATA)>

<!ELEMENT demux-inet-prefix-type (#PCDATA)>

<!ELEMENT demux-inet6-prefix (#PCDATA)>

<!ELEMENT demux-inet6-prefix-count (#PCDATA)>

<!ELEMENT demux-inet6-prefix-type (#PCDATA)>

<!ELEMENT demux-information (demux-interface)*>

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<!ELEMENT demux-interface (demux-underlying-interface-name |
demux-underlying-interface-index | demux-inet-prefix-type | demux-inet-prefix-count |
demux-inet-prefix | demux-inet6-prefix-type | demux-inet6-prefix-count |
demux-inet6-prefix)*>

<!ELEMENT demux-table-type (#PCDATA)>

<!ELEMENT demux-underlying-interface-index (#PCDATA)>

<!ELEMENT demux-underlying-interface-name (#PCDATA)>

<!ELEMENT denied-count (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT destination-class (dcu-class-name | dcu-class-packets | dcu-class-bytes |
dcu-class-pps | dcu-class-bps)*>

<!ELEMENT destination-class-statistics (destination-class)*>

<!ELEMENT destination-mask (#PCDATA)>

<!ELEMENT destination-slot (#PCDATA)>

<!ELEMENT dial-string (#PCDATA)>

<!ELEMENT dial-string-list (dial-string)*>
<!ATTLIST dial-string-list junos:style CDATA #IMPLIED>

<!ELEMENT dialer-information (dialer-interface | dialer-time-to-disconnect)*>

<!ELEMENT dialer-interface (dialer-interface-name | dialer-interface-state |
dialer-interface-flags | pool-id | primary-interface | dial-string-list | sub-interface-list |
watch-list | activation-delay | deactivation-delay | activation-delay-elapsed |
deactivation-delay-elapsed | call-idle-timeout | initial-route-check | redial-delay |
callback-wait-period | callback-wait-period-elapsed | load-threshold | load-interval)*>

<!ELEMENT dialer-interface-flags (backup | multilink | watchlist | interesting-detected)*>

<!ELEMENT dialer-interface-information (dialer-interface)*>
<!ATTLIST dialer-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT dialer-interface-name (#PCDATA)>

<!ELEMENT dialer-interface-state (#PCDATA)>

<!ELEMENT dialer-time-to-disconnect (#PCDATA)>

<!ELEMENT disabled-bundle-links (#PCDATA)>

<!ELEMENT dlci (#PCDATA)>

<!ELEMENT dlci-active (#PCDATA)>

<!ELEMENT dlci-inactive (#PCDATA)>

<!ELEMENT dlci-statistics (dlci-active | dlci-inactive)*>

```



```

<!ELEMENT down EMPTY>

<!ELEMENT down-count (#PCDATA)>

<!ELEMENT down-hold-time (#PCDATA)>

<!ELEMENT down-time (#PCDATA)>

<!ELEMENT drop-timeout (#PCDATA)>

<!ELEMENT dropped-count (#PCDATA)>

<!ELEMENT ds0-bert-algorithm (#PCDATA)>

<!ELEMENT ds0-bert-bit-count (#PCDATA)>

<!ELEMENT ds0-bert-elapsed (#PCDATA)>

<!ELEMENT ds0-bert-error-bit-count (#PCDATA)>

<!ELEMENT ds0-bert-error-rate (#PCDATA)>

<!ELEMENT ds0-bert-induced-error-rate (#PCDATA)>

<!ELEMENT ds0-bert-information (ds0-bert-period | ds0-bert-elapsed | ds0-bert-status |
ds0-bert-algorithm | ds0-bert-error-rate | ds0-bert-induced-error-rate | ds0-bert-bit-count |
ds0-bert-error-bit-count | ds0-bert-los-status | ds0-bert-los-count |
ds0-bert-los-seconds)*>

<!ELEMENT ds0-bert-los-count (#PCDATA)>

<!ELEMENT ds0-bert-los-seconds (#PCDATA)>

<!ELEMENT ds0-bert-los-status (#PCDATA)>

<!ELEMENT ds0-bert-period (#PCDATA)>

<!ELEMENT ds0-bert-status (#PCDATA)>

<!ELEMENT ds0-byte-encoding (#PCDATA)>

<!ELEMENT ds0-data-inversion (#PCDATA)>

<!ELEMENT ds1-alarm-ais EMPTY>

<!ELEMENT ds1-alarm-crc-major EMPTY>

<!ELEMENT ds1-alarm-crc-minor EMPTY>

<!ELEMENT ds1-alarm-lof EMPTY>

<!ELEMENT ds1-alarm-los EMPTY>

<!ELEMENT ds1-alarm-ylw EMPTY>

<!ELEMENT ds1-bert-algorithm (#PCDATA)>

```

```

<!ELEMENT ds1-bert-bit-count (#PCDATA)>

<!ELEMENT ds1-bert-elapsed (#PCDATA)>

<!ELEMENT ds1-bert-error-bit-count (#PCDATA)>

<!ELEMENT ds1-bert-error-rate (#PCDATA)>

<!ELEMENT ds1-bert-induced-error-rate (#PCDATA)>

<!ELEMENT ds1-bert-information (ds1-bert-period | ds1-bert-elapsed | ds1-bert-status |
ds1-bert-algorithm | ds1-bert-error-rate | ds1-bert-induced-error-rate | ds1-bert-bit-count |
ds1-bert-error-bit-count | ds1-bert-los-status | ds1-bert-los-count |
ds1-bert-los-seconds)*>

<!ELEMENT ds1-bert-los-count (#PCDATA)>

<!ELEMENT ds1-bert-los-seconds (#PCDATA)>

<!ELEMENT ds1-bert-los-status (#PCDATA)>

<!ELEMENT ds1-bert-period (#PCDATA)>

<!ELEMENT ds1-bert-status (#PCDATA)>

<!ELEMENT ds1-buildout (#PCDATA)>

<!ELEMENT ds1-byte-encoding (#PCDATA)>

<!ELEMENT ds1-crc-alarm-threshold (ds1-crc-alarm-threshold-major |
ds1-crc-alarm-threshold-minor)*>

<!ELEMENT ds1-crc-alarm-threshold-major (#PCDATA)>

<!ELEMENT ds1-crc-alarm-threshold-minor (#PCDATA)>

<!ELEMENT ds1-data-inversion (#PCDATA)>

<!ELEMENT ds1-framing (#PCDATA)>

<!ELEMENT ds1-line-encoding (#PCDATA)>

<!ELEMENT ds1-timeslots (#PCDATA)>

<!ELEMENT ds3-alarm-ais EMPTY>

<!ELEMENT ds3-alarm-exz EMPTY>

<!ELEMENT ds3-alarm-ferf EMPTY>

<!ELEMENT ds3-alarm-idle EMPTY>

<!ELEMENT ds3-alarm-lcv EMPTY>

<!ELEMENT ds3-alarm-lof EMPTY>

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<!ELEMENT ds3-alarm-los EMPTY>

<!ELEMENT ds3-alarm-pll EMPTY>

<!ELEMENT ds3-alarm-ylw EMPTY>

<!ELEMENT ds3-bert-algorithm (#PCDATA)>

<!ELEMENT ds3-bert-bit-count (#PCDATA)>

<!ELEMENT ds3-bert-bit-count-overflow (#PCDATA)>

<!ELEMENT ds3-bert-elapsed (#PCDATA)>

<!ELEMENT ds3-bert-error-bit-count (#PCDATA)>

<!ELEMENT ds3-bert-error-bit-count-overflow (#PCDATA)>

<!ELEMENT ds3-bert-error-rate (#PCDATA)>

<!ELEMENT ds3-bert-induced-error-rate (#PCDATA)>

<!ELEMENT ds3-bert-information (ds3-bert-period | ds3-bert-elapsed | ds3-bert-status |
ds3-bert-algorithm | ds3-bert-error-rate | ds3-bert-induced-error-rate | ds3-bert-bit-count |
ds3-bert-bit-count-overflow | ds3-bert-error-bit-count | ds3-bert-error-bit-count-overflow |
ds3-bert-los-status | ds3-bert-los-count | ds3-bert-los-seconds)*>

<!ELEMENT ds3-bert-los-count (#PCDATA)>

<!ELEMENT ds3-bert-los-seconds (#PCDATA)>

<!ELEMENT ds3-bert-los-status (#PCDATA)>

<!ELEMENT ds3-bert-period (#PCDATA)>

<!ELEMENT ds3-bert-status (#PCDATA)>

<!ELEMENT ds3-long-buildout (#PCDATA)>

<!ELEMENT ds3-mode (#PCDATA)>

<!ELEMENT dsl-alarm-far-locdi EMPTY>

<!ELEMENT dsl-alarm-far-locdni EMPTY>

<!ELEMENT dsl-alarm-far-lof EMPTY>

<!ELEMENT dsl-alarm-far-los EMPTY>

<!ELEMENT dsl-alarm-locdi EMPTY>

<!ELEMENT dsl-alarm-locdni EMPTY>

<!ELEMENT dsl-alarm-lof EMPTY>

<!ELEMENT dsl-alarm-lom EMPTY>

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<!ELEMENT dsl-alarm-lop EMPTY>

<!ELEMENT dsl-alarm-los EMPTY>

<!ELEMENT dsl-chipset-information (atu-r-vendor-id | atu-c-vendor-id |
atu-r-vendor-specific | atu-c-vendor-specific | atu-r-country-code | atu-c-country-code)*>

<!ELEMENT dsl-information (dsl-line-status | dsl-line-operating-mode | dsl-line-type |
adsl-annex-type | adsl-last-fail-code | adsl-subfunction | adsl-seconds-in-showtime |
dsl-chipset-information | dsl-statistics)*>

<!ELEMENT dsl-line-operating-mode (#PCDATA)>

<!ELEMENT dsl-line-status (#PCDATA)>

<!ELEMENT dsl-line-type (#PCDATA)>

<!ELEMENT dsl-statistics (near-end-attainable-bitrate | far-end-attainable-bitrate |
near-end-attenuation | far-end-attenuation | near-end-capacity-used |
far-end-capacity-used | near-end-noise-margin | far-end-noise-margin |
near-end-output-power | far-end-output-power | interleaved-rx-cells | fast-rx-cells |
interleaved-tx-cells | fast-tx-cells | near-end-interleaved-bitrate | near-end-fast-bitrate |
far-end-interleaved-bitrate | far-end-fast-bitrate | near-end-interleaved-crc |
near-end-fast-crc | far-end-interleaved-crc | far-end-fast-crc | near-end-interleaved-hec |
near-end-fast-hec | far-end-interleaved-hec | far-end-fast-hec | near-end-interleaved-fec |
near-end-fast-fec | far-end-interleaved-fec | far-end-fast-fec | near-end-interleaved-rx-cells
| near-end-fast-rx-cells | near-end-interleaved-tx-cells | near-end-fast-tx-cells)*>

<!ELEMENT dsr (#PCDATA)>

<!ELEMENT dsr-polarity (#PCDATA)>

<!ELEMENT dsu-compatibility-mode (#PCDATA)>

<!ELEMENT dsu-information (dsu-compatibility-mode | dsu-scrambler | dsu-subrate |
feac-loopback | feac-response | feac-count)*>

<!ELEMENT dsu-scrambler (#PCDATA)>

<!ELEMENT dsu-subrate (#PCDATA)>

<!ELEMENT dtr (#PCDATA)>

<!ELEMENT dtr-circuit (dtr-circuit-mode)*>

<!ELEMENT dtr-circuit-mode (#PCDATA)>

<!ELEMENT dtr-polarity (#PCDATA)>

<!ELEMENT duplex (#PCDATA)>

<!ELEMENT e3-bert-algorithm (#PCDATA)>

<!ELEMENT e3-bert-bit-count (#PCDATA)>

<!ELEMENT e3-bert-bit-count-overflow (#PCDATA)>

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<!ELEMENT e3-bert-elapsed (#PCDATA)>

<!ELEMENT e3-bert-error-bit-count (#PCDATA)>

<!ELEMENT e3-bert-error-bit-count-overflow (#PCDATA)>

<!ELEMENT e3-bert-error-rate (#PCDATA)>

<!ELEMENT e3-bert-induced-error-rate (#PCDATA)>

<!ELEMENT e3-bert-information (e3-bert-period | e3-bert-elapsed | e3-bert-status |
e3-bert-algorithm | e3-bert-error-rate | e3-bert-induced-error-rate | e3-bert-bit-count |
e3-bert-bit-count-overflow | e3-bert-error-bit-count | e3-bert-error-bit-count-overflow |
e3-bert-los-status | e3-bert-los-count | e3-bert-los-seconds)*>

<!ELEMENT e3-bert-los-count (#PCDATA)>

<!ELEMENT e3-bert-los-seconds (#PCDATA)>

<!ELEMENT e3-bert-los-status (#PCDATA)>

<!ELEMENT e3-bert-period (#PCDATA)>

<!ELEMENT e3-bert-status (#PCDATA)>

<!ELEMENT e3-data-inversion (#PCDATA)>

<!ELEMENT e3-framing (#PCDATA)>

<!ELEMENT eia530-control-signal (mode | to-dce | from-dce | to-dte | from-dte)*>

<!ELEMENT eia530-signal-polarity (dtr-polarity | rts-polarity | dcd-polarity | dsr-polarity |
cts-polarity | tm-polarity)*>

<!ELEMENT encapsulation (#PCDATA)>

<!ELEMENT end-vci (#PCDATA)>

<!ELEMENT epd-threshold (#PCDATA)>

<!ELEMENT epd-threshold-plp0 (#PCDATA)>

<!ELEMENT epd-threshold-plp1 (#PCDATA)>

<!ELEMENT error-code (#PCDATA)>

<!ELEMENT errored-blocks-seconds (#PCDATA)>

<!ELEMENT es-ifd-stats (total-anti-replay-count | total-authentication-failure-count)*>

<!ELEMENT es-sa-fail-count (#PCDATA)>

<!ELEMENT es-sa-name (#PCDATA)>

<!ELEMENT es-sa-recv-seq-num (#PCDATA)>

<!ELEMENT es-sa-xmt-seq-num (#PCDATA)>

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<!ELEMENT ether-policer-list (ether-policer-record)*>

<!ELEMENT ether-policer-record (policer-type | out-of-spec-bytes | out-of-spec-frames)*>

<!ELEMENT ethernet-alarm-lcdp EMPTY>

<!ELEMENT ethernet-alarm-link-down EMPTY>

<!ELEMENT ethernet-autonegotiation (autonegotiation-status | link-partner-status |
link-partner-reason | link-partner-duplexity | link-partner-speed | flow-control |
local-info)*>

<!ELEMENT ethernet-filter-statistics (input-packets | input-reject-count |
input-reject-destination-address-count | input-reject-source-address-count |
output-packets | output-packet-pad-count | output-packet-error-count |
cam-destination-filter-count | cam-source-filter-count)*>
<ATTLIST ethernet-filter-statistics junos:style CDATA #IMPLIED>

<!ELEMENT ethernet-mac-statistics (input-bytes | input-packets | input-unicasts |
input-broadcasts | input-multicasts | input-crc-errors | input-fifo-errors |
input-mac-control-frames | input-mac-pause-frames | input-oversized-frames |
input-undersized-frames | input-jabber-frames | input-fragment-frames |
input-vlan-tagged-frames | input-code-violations | input-policer-frame-drops |
input-policer-byte-drops | output-bytes | output-packets | output-unicasts |
output-broadcasts | output-multicasts | output-crc-errors | output-fifo-errors |
output-mac-control-frames | output-mac-pause-frames)*>
<ATTLIST ethernet-mac-statistics junos:style CDATA #IMPLIED>

<!ELEMENT ethernet-pcs-statistics (bit-error-seconds | errored-blocks-seconds)*>
<ATTLIST ethernet-pcs-statistics junos:style CDATA #IMPLIED>

<!ELEMENT far-end-attainable-bitrate (#PCDATA)>

<!ELEMENT far-end-attenuation (#PCDATA)>

<!ELEMENT far-end-capacity-used (#PCDATA)>

<!ELEMENT far-end-fast-bitrate (#PCDATA)>

<!ELEMENT far-end-fast-crc (#PCDATA)>

<!ELEMENT far-end-fast-fec (#PCDATA)>

<!ELEMENT far-end-fast-hec (#PCDATA)>

<!ELEMENT far-end-interleaved-bitrate (#PCDATA)>

<!ELEMENT far-end-interleaved-crc (#PCDATA)>

<!ELEMENT far-end-interleaved-fec (#PCDATA)>

<!ELEMENT far-end-interleaved-hec (#PCDATA)>

<!ELEMENT far-end-noise-margin (#PCDATA)>

<!ELEMENT far-end-output-power (#PCDATA)>

```

```

<!ELEMENT fast-rx-cells (#PCDATA)>

<!ELEMENT fast-tx-cells (#PCDATA)>

<!ELEMENT feac-count (#PCDATA)>

<!ELEMENT feac-loopback (#PCDATA)>

<!ELEMENT feac-response (#PCDATA)>

<!ELEMENT febe-count (#PCDATA)>

<!ELEMENT febe-seconds (#PCDATA)>

<!ELEMENT fec-corrected-error-ratio (#PCDATA)>

<!ELEMENT fec-corrected-errors (#PCDATA)>

<!ELEMENT fec-mode (#PCDATA)>

<!ELEMENT ferr-count (#PCDATA)>

<!ELEMENT ferr-seconds (#PCDATA)>

<!ELEMENT filter-family (#PCDATA)>

<!ELEMENT filter-information (filter-family | filter-input | filter-input-precedence |
filter-output | filter-output-precedence)*>

<!ELEMENT filter-input (#PCDATA)>

<!ELEMENT filter-input-precedence (#PCDATA)>

<!ELEMENT filter-output (#PCDATA)>

<!ELEMENT filter-output-precedence (#PCDATA)>

<!ELEMENT flow-control (#PCDATA)>

<!ELEMENT forwarding-class-name (#PCDATA)>

<!ELEMENT fpc-number (#PCDATA)>

<!ELEMENT fragment-buffer-overflow (#PCDATA)>

<!ELEMENT fragment-drop-bytes (#PCDATA)>

<!ELEMENT fragment-drops (#PCDATA)>

<!ELEMENT fragment-threshold (#PCDATA)>

<!ELEMENT fragment-timeout (#PCDATA)>

<!ELEMENT fragments (input-frames | input-fps | input-bytes | input-bps | output-frames
| output-fps | output-bytes | output-bps)*>

```

```

<!ELEMENT framing-errors (#PCDATA)>

<!ELEMENT frequency (#PCDATA)>

<!ELEMENT from-dce (dtr | rts | cts | dcd | dsr | tm)*>

<!ELEMENT from-dte (dtr | rts | cts | dcd | dsr | tm)*>

<!ELEMENT generation (#PCDATA)>

<!ELEMENT generic-value (#PCDATA)>

<!ELEMENT global-fpc-number (#PCDATA)>

<!ELEMENT hardware-physical-address (#PCDATA)>

<!ELEMENT hdlc-giant-threshold (#PCDATA)>

<!ELEMENT hdlc-information (hdlc-rx-bucket-state | hdlc-rx-bit-rate | hdlc-rx-threshold |
hdlc-tx-bit-rate | hdlc-tx-bucket-state | hdlc-tx-threshold | hdlc-giant-threshold |
hdlc-runt-threshold)*>

<!ELEMENT hdlc-runt-threshold (#PCDATA)>

<!ELEMENT hdlc-rx-bit-rate (#PCDATA)>

<!ELEMENT hdlc-rx-bucket-state (#PCDATA)>

<!ELEMENT hdlc-rx-threshold (#PCDATA)>

<!ELEMENT hdlc-tx-bit-rate (#PCDATA)>

<!ELEMENT hdlc-tx-bucket-state (#PCDATA)>

<!ELEMENT hdlc-tx-threshold (#PCDATA)>

<!ELEMENT high-red (#PCDATA)>

<!ELEMENT hs-link-crc-errors (#PCDATA)>

<!ELEMENT hs-link-fifo-overflows (#PCDATA)>

<!ELEMENT hs-link-fifo-underflows (#PCDATA)>

<!ELEMENT idle-cycle-flag (#PCDATA)>

<!ELEMENT idle-timeout (#PCDATA)>

<!ELEMENT if-auto-negotiation (#PCDATA)>

<!ELEMENT if-config-flags (iff-none | iff-hardware-down | iff-down | iff-up | iff-admin-down |
iff-admin-up | iff-link-down | iff-device-down | iff-point-to-point | iff-point-to-multipoint |
plp-to-clp | iff-multiaccess | iff-change | iff-inverse-arp | iff-no-multicast | iff-multicast |
iff-promiscuous | iff-all-multicast | iff-snmp-traps | iff-rx-passive | iff-tx-passive |
iff-ccc-down | iff-clear-df | iff-tunnel-reassembly | iff-acfc | iff-pfc | iff-rdd | iff-looped |
internal-flags)*>

```



```
<!ELEMENT if-device-flags (ifdf-none | ifdf-present | ifdf-running | ifdf-duplex | ifdf-down |
ifdf-no-carrier | ifdf-error1 | ifdf-error2 | ifdf-no-multicast | ifdf-loopback | ifdf-quench |
ifdf-recv-all-multicasts | ifdf-promiscuous | ifdf-link-layer-down | ifdf-loop-detected |
ifdf-pfe-gone | generic-value)*>
```

```
<!ELEMENT if-flow-control (#PCDATA)>
```

```
<!ELEMENT if-media-flags (ifmf-none | ifmf-autoselect | ifmf-scheduler |
ifmf-shared-scheduler | ifmf-keepalives | ifmf-no-keepalives | ifmf-give-up | ifmf-loose-lcp
| ifmf-loose-ncp | ifmf-ppp-acfc | ifmf-ppp-pfc | ifmf-loose-lmi | ifmf-dce | ifmf-dte |
generic-value)*>
```

```
<!ELEMENT if-remote-fault (#PCDATA)>
```

```
<!ELEMENT if-switchover-last-attempt (#PCDATA)>
```

```
<!ELEMENT if-switchover-last-time (#PCDATA)>
```

```
<!ELEMENT if-switchover-min-max-avg-time (#PCDATA)>
```

```
<!ELEMENT if-switchover-total (#PCDATA)>
```

```
<!ELEMENT if-type (#PCDATA)>
```

```
<!ELEMENT if-unidirectional (#PCDATA)>
```

```
<!ELEMENT ifa-address-pool (#PCDATA)>
```

```
<!ELEMENT ifa-broadcast (#PCDATA)>
```

```
<!ELEMENT ifa-destination (#PCDATA)>
```

```
<!ELEMENT ifa-flags (ifaf-none | ifaf-primary | ifaf-preferred | ifaf-master-only | ifaf-down |
ifaf-kernel | ifaf-current-default | ifaf-current-preferred | ifaf-current-primary | ifaf-duplicate
| ifaf-webauth-http | generic-value)*>
```

```
<!ELEMENT ifa-local (#PCDATA)>
```

```
<!ELEMENT ifa-primary-dns (#PCDATA)>
```

```
<!ELEMENT ifa-primary-nbns (#PCDATA)>
```

```
<!ELEMENT ifa-secondary-dns (#PCDATA)>
```

```
<!ELEMENT ifa-secondary-nbns (#PCDATA)>
```

```
<!ELEMENT ifaf-current-default EMPTY>
```

```
<!ELEMENT ifaf-current-preferred EMPTY>
```

```
<!ELEMENT ifaf-current-primary EMPTY>
```

```
<!ELEMENT ifaf-down EMPTY>
```

```
<!ELEMENT ifaf-duplicate EMPTY>
```

```
<!ELEMENT ifaf-kernel EMPTY>
```

<!ELEMENT ifaf-master-only EMPTY>

<!ELEMENT ifaf-none EMPTY>

<!ELEMENT ifaf-preferred EMPTY>

<!ELEMENT ifaf-primary EMPTY>

<!ELEMENT ifaf-webauth-http EMPTY>

<!ELEMENT ifd-cell-bundle-size (#PCDATA)>

<!ELEMENT ifd-cell-bundle-timeout (#PCDATA)>

<!ELEMENT ifdf-down EMPTY>

<!ELEMENT ifdf-duplex EMPTY>

<!ELEMENT ifdf-error1 EMPTY>

<!ELEMENT ifdf-error2 EMPTY>

<!ELEMENT ifdf-link-layer-down EMPTY>

<!ELEMENT ifdf-loop-detected EMPTY>

<!ELEMENT ifdf-loopback EMPTY>

<!ELEMENT ifdf-no-carrier EMPTY>

<!ELEMENT ifdf-no-multicast EMPTY>

<!ELEMENT ifdf-none EMPTY>

<!ELEMENT ifdf-pfe-gone EMPTY>

<!ELEMENT ifdf-present EMPTY>

<!ELEMENT ifdf-promiscuous EMPTY>

<!ELEMENT ifdf-quench EMPTY>

<!ELEMENT ifdf-recv-all-multicasts EMPTY>

<!ELEMENT ifdf-running EMPTY>

<!ELEMENT iff-acfc EMPTY>

<!ELEMENT iff-admin-down EMPTY>

<!ELEMENT iff-admin-up EMPTY>

<!ELEMENT iff-all-multicast EMPTY>

<!ELEMENT iff-ccc-down EMPTY>

<!ELEMENT iff-change EMPTY>

<!ELEMENT iff-clear-df EMPTY>

<!ELEMENT iff-device-down EMPTY>

<!ELEMENT iff-down EMPTY>

<!ELEMENT iff-hardware-down EMPTY>

<!ELEMENT iff-inverse-arp EMPTY>

<!ELEMENT iff-link-down EMPTY>

<!ELEMENT iff-looped EMPTY>

<!ELEMENT iff-multiaccess EMPTY>

<!ELEMENT iff-multicast EMPTY>

<!ELEMENT iff-no-multicast EMPTY>

<!ELEMENT iff-none EMPTY>

<!ELEMENT iff-pfc EMPTY>

<!ELEMENT iff-point-to-multipoint EMPTY>

<!ELEMENT iff-point-to-point EMPTY>

<!ELEMENT iff-ppp-flags-acfc EMPTY>

<!ELEMENT iff-ppp-flags-pfc EMPTY>

<!ELEMENT iff-promiscuous EMPTY>

<!ELEMENT iff-rdd EMPTY>

<!ELEMENT iff-rx-passive EMPTY>

<!ELEMENT iff-snmp-traps EMPTY>

<!ELEMENT iff-tunnel-reassembly EMPTY>

<!ELEMENT iff-tx-passive EMPTY>

<!ELEMENT iff-up EMPTY>

<!ELEMENT ifff-down EMPTY>

<!ELEMENT ifff-dst-class-usage EMPTY>

<!ELEMENT ifff-func1 EMPTY>

<!ELEMENT ifff-func2 EMPTY>

<!ELEMENT ifff-hard-down EMPTY>

<!ELEMENT ifff-is-primary EMPTY>

<!ELEMENT ifff-mac-validate-loose EMPTY>

<!ELEMENT ifff-mac-validate-strict EMPTY>

<!ELEMENT ifff-mtu-protocol-adj EMPTY>

<!ELEMENT ifff-mtu-user-conf EMPTY>

<!ELEMENT ifff-negotiate-address EMPTY>

<!ELEMENT ifff-no-arp-learn EMPTY>

<!ELEMENT ifff-no-asynch-notification EMPTY>

<!ELEMENT ifff-no-redirects EMPTY>

<!ELEMENT ifff-none EMPTY>

<!ELEMENT ifff-port-mode-trunk EMPTY>

<!ELEMENT ifff-primary EMPTY>

<!ELEMENT ifff-recv-options EMPTY>

<!ELEMENT ifff-recv-ttl-exceeded EMPTY>

<!ELEMENT ifff-redirects EMPTY>

<!ELEMENT ifff-rpf-check EMPTY>

<!ELEMENT ifff-rpf-loose-mode EMPTY>

<!ELEMENT ifff-sample-input EMPTY>

<!ELEMENT ifff-sample-output EMPTY>

<!ELEMENT ifff-src-class-input EMPTY>

<!ELEMENT ifff-src-class-output EMPTY>

<!ELEMENT ifff-tcc-inet EMPTY>

<!ELEMENT ifff-tcc-inet6 EMPTY>

<!ELEMENT ifff-tcc-iso EMPTY>

<!ELEMENT ifff-tcc-mpIs EMPTY>

<!ELEMENT ifff-unnumbered EMPTY>

<!ELEMENT ifff-up EMPTY>

<!ELEMENT ifmf-autoselect EMPTY>

```

<!ELEMENT ifmf-dce EMPTY>

<!ELEMENT ifmf-dte EMPTY>

<!ELEMENT ifmf-give-up EMPTY>

<!ELEMENT ifmf-keepalives EMPTY>

<!ELEMENT ifmf-loose-lcp EMPTY>

<!ELEMENT ifmf-loose-lmi EMPTY>

<!ELEMENT ifmf-loose-ncp EMPTY>

<!ELEMENT ifmf-no-keepalives EMPTY>

<!ELEMENT ifmf-none EMPTY>

<!ELEMENT ifmf-ppp-acfc EMPTY>

<!ELEMENT ifmf-ppp-pfc EMPTY>

<!ELEMENT ifmf-scheduler EMPTY>

<!ELEMENT ifmf-shared-scheduler EMPTY>

<!ELEMENT ifvc-active EMPTY>

<!ELEMENT ifvc-ccc-down EMPTY>

<!ELEMENT ifvc-closed EMPTY>

<!ELEMENT ifvc-configured EMPTY>

<!ELEMENT ifvc-down EMPTY>

<!ELEMENT ifvc-epd (#PCDATA)>

<!ELEMENT ifvc-epd-plp0 (#PCDATA)>

<!ELEMENT ifvc-epd-plp1 (#PCDATA)>

<!ELEMENT ifvc-flags (ifvc-down | ifvc-none | ifvc-active | ifvc-closed | ifvc-inverse-arp |
ifvc-ilmi | ifvc-oam | ifvc-shaping | ifvc-passiveoam | ifvc-multicast | ifvc-ccc-down |
ifvc-configured | ifvc-unconfigured | generic-value)*>

<!ELEMENT ifvc-ilmi EMPTY>

<!ELEMENT ifvc-inverse-arp EMPTY>

<!ELEMENT ifvc-multicast EMPTY>

<!ELEMENT ifvc-multipoint-destination (multipoint-address)*>

<!ELEMENT ifvc-none EMPTY>

<!ELEMENT ifvc-oam EMPTY>

```

```

<!ELEMENT ifvc-passiveoam EMPTY>

<!ELEMENT ifvc-shaping EMPTY>

<!ELEMENT ifvc-unconfigured EMPTY>

<!ELEMENT ifvc-weight (#PCDATA)>

<!ELEMENT ifvp-active EMPTY>

<!ELEMENT ifvp-closed EMPTY>

<!ELEMENT ifvp-down EMPTY>

<!ELEMENT ifvp-flags (ifvp-down | ifvp-none | ifvp-active | ifvp-closed | ifvp-oam |
ifvp-shaping | ifvp-passiveoam | ifvp-tunnel | generic-value)*>

<!ELEMENT ifvp-none EMPTY>

<!ELEMENT ifvp-oam EMPTY>

<!ELEMENT ifvp-passiveoam EMPTY>

<!ELEMENT ifvp-shaping EMPTY>

<!ELEMENT ifvp-tunnel EMPTY>

<!ELEMENT ih-parent (#PCDATA)>

<!ELEMENT illegal-rx-packets (#PCDATA)>

<!ELEMENT in-arp-statistics (received-count | transmitted-count | denied-count |
operation-not-supported-count | bad-packet-length-count | bad-protocol-count |
bad-protocol-length-count | bad-hardware-length-count | dropped-count | last-received |
last-transmitted)*>

<!ELEMENT in6-addr-flags (in6-anycast | in6-tentative | in6-duplicate | in6-detached |
in6-deprecated | in6-nodad | in6-temporary | in6-autoconf | in6-nopfxmgmt)*>

<!ELEMENT in6-anycast EMPTY>

<!ELEMENT in6-autoconf EMPTY>

<!ELEMENT in6-deprecated EMPTY>

<!ELEMENT in6-detached EMPTY>

<!ELEMENT in6-duplicate EMPTY>

<!ELEMENT in6-nodad EMPTY>

<!ELEMENT in6-nopfxmgmt EMPTY>

<!ELEMENT in6-temporary EMPTY>

<!ELEMENT in6-tentative EMPTY>

```

```

<!ELEMENT ingress-queue-counters (interface-chassis-cos-summary | queue |
interface-cos-summary | interface-cos-short-summary)*>
<!ATTLIST ingress-queue-counters junos:style CDATA #IMPLIED>

<!ELEMENT ingress-rate-limit (#PCDATA)>

<!ELEMENT ingress-traffic-statistics (input-bytes | input-bps | input-packets | input-pps |
input-drop-bytes | input-drop-packets | input-drop-bps | input-drop-pps)*>
<!ATTLIST ingress-traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT init-command-str (#PCDATA)>

<!ELEMENT init-status (#PCDATA)>

<!ELEMENT initial-route-check (#PCDATA)>

<!ELEMENT input-bps (#PCDATA)>

<!ELEMENT input-broadcasts (#PCDATA)>

<!ELEMENT input-bucket-drops (#PCDATA)>

<!ELEMENT input-bytes (#PCDATA)>

<!ELEMENT input-code-violations (#PCDATA)>

<!ELEMENT input-crc-errors (#PCDATA)>

<!ELEMENT input-disabled-bundle (#PCDATA)>

<!ELEMENT input-discards (#PCDATA)>

<!ELEMENT input-drop-bps (#PCDATA)>

<!ELEMENT input-drop-bytes (#PCDATA)>

<!ELEMENT input-drop-packets (#PCDATA)>

<!ELEMENT input-drop-pps (#PCDATA)>

<!ELEMENT input-drops (#PCDATA)>

<!ELEMENT input-error-count (#PCDATA)>

<!ELEMENT input-error-frames (#PCDATA)>

<!ELEMENT input-error-list (input-errors | input-drops | invalid-vcs | framing-errors |
input-runts | input-giants | input-bucket-drops | input-discards | input-l3-incompletes |
input-l2-channel-errors | input-l2-mismatch-timeouts | input-fifo-errors | hs-link-crc-errors
| hs-link-fifo-overflows | sram-errors | input-resource-errors)*>

<!ELEMENT input-errors (#PCDATA)>

<!ELEMENT input-fifo-errors (#PCDATA)>

<!ELEMENT input-fps (#PCDATA)>

```

```

<!ELEMENT input-fragment-frames (#PCDATA)>
<!ELEMENT input-frames (#PCDATA)>
<!ELEMENT input-giants (#PCDATA)>
<!ELEMENT input-jabber-frames (#PCDATA)>
<!ELEMENT input-l2-channel-errors (#PCDATA)>
<!ELEMENT input-l2-mismatch-timeouts (#PCDATA)>
<!ELEMENT input-l3-incompletes (#PCDATA)>
<!ELEMENT input-mac-control-frames (#PCDATA)>
<!ELEMENT input-mac-pause-frames (#PCDATA)>
<!ELEMENT input-multicasts (#PCDATA)>
<!ELEMENT input-oversized-frames (#PCDATA)>
<!ELEMENT input-packets (#PCDATA)>
<!ELEMENT input-policer-byte-drops (#PCDATA)>
<!ELEMENT input-policer-frame-drops (#PCDATA)>
<!ELEMENT input-pps (#PCDATA)>
<!ELEMENT input-reject-count (#PCDATA)>
<!ELEMENT input-reject-destination-address-count (#PCDATA)>
<!ELEMENT input-reject-source-address-count (#PCDATA)>
<!ELEMENT input-resource-errors (#PCDATA)>
<!ELEMENT input-runts (#PCDATA)>
<!ELEMENT input-undersized-frames (#PCDATA)>
<!ELEMENT input-unicasts (#PCDATA)>
<!ELEMENT input-vlan-tagged-frames (#PCDATA)>
<!ELEMENT instant-usage-weight-exponent (#PCDATA)>
<ATTLIST instant-usage-weight-exponent junos:format CDATA #IMPLIED>
<!ELEMENT interesting-detected EMPTY>
<!ELEMENT interface-address (ifa-flags | generation | ifa-destination | ifa-local |
in6-addr-flags | ifa-broadcast | ifa-primary-dns | ifa-primary-nbns | ifa-secondary-dns |
ifa-secondary-nbns | ifa-address-pool)*>
<ATTLIST interface-address heading CDATA #IMPLIED>

```



```

<!ELEMENT interface-alarms (alarm-not-present | sonet-alarm-lol | sonet-alarm-pll |
sonet-alarm-lof | sonet-alarm-los | sonet-alarm-sef | sonet-alarm-lais | sonet-alarm-pais |
sonet-alarm-lolp | sonet-alarm-berr-sd | sonet-alarm-berr-sf | sonet-alarm-lrdi |
sonet-alarm-prdi | sonet-alarm-rei | sonet-alarm-uneq | sonet-alarm-pmis |
sonet-alarm-loc | sonet-alarm-vais | sonet-alarm-vlop | sonet-alarm-vrdi |
sonet-alarm-vuneq | sonet-alarm-vmis | sonet-alarm-vloc | sdh-alarm-lol | sdh-alarm-pll |
sdh-alarm-lof | sdh-alarm-los | sdh-alarm-oof | sdh-alarm-msais | sdh-alarm-hpais |
sdh-alarm-lolp | sdh-alarm-berr-sd | sdh-alarm-berr-sf | sdh-alarm-msferf |
sdh-alarm-hpferf | sdh-alarm-hpfebe | sdh-alarm-hpuneq | sdh-alarm-hpplm |
sdh-alarm-loc | sdh-alarm-tuais | sdh-alarm-tulop | sdh-alarm-turdi | sdh-alarm-tuuneq |
sdh-alarm-tumis | sdh-alarm-tuloc | ds3-alarm-pll | ds3-alarm-ais | ds3-alarm-lof |
ds3-alarm-los | ds3-alarm-lcv | ds3-alarm-exz | ds3-alarm-ferf | ds3-alarm-ylw |
ds3-alarm-idle | ds1-alarm-ais | ds1-alarm-lof | ds1-alarm-los | ds1-alarm-ylw |
ds1-alarm-crc-major | ds1-alarm-crc-minor | dsl-alarm-lof | dsl-alarm-los | dsl-alarm-lom |
dsl-alarm-locdi | dsl-alarm-locdni | dsl-alarm-lolp | dsl-alarm-far-lof | dsl-alarm-far-los |
dsl-alarm-far-locdi | dsl-alarm-far-locdni | ethernet-alarm-link-down | ethernet-alarm-lcdp |
isdsl-alarm-los | isdn-alarm-lof | shdsl-alarm-losd | shdsl-alarm-losw |
shdsl-alarm-line1-losd | shdsl-alarm-line1-losw | shdsl-alarm-line2-losd |
shdsl-alarm-line2-losw | otn-alarm-los | otn-alarm-lof | otn-alarm-lom |
otn-alarm-wavelength-lock | otn-alarm-otu-ais | otn-alarm-otu-bdi | otn-alarm-otu-ttim |
otn-alarm-otu-iae | otn-alarm-otu-sd | otn-alarm-otu-sf | otn-alarm-otu-fec-excessive |
otn-alarm-otu-fec-degraded | otn-alarm-otu-threshold-bbe | otn-alarm-otu-threshold-es |
otn-alarm-otu-threshold-ses | otn-alarm-otu-threshold-uas | otn-alarm-odu-ais |
otn-alarm-odu-oci | otn-alarm-odu-lck | otn-alarm-odu-bdi | otn-alarm-odu-ttim |
otn-alarm-odu-sd | otn-alarm-odu-sf | otn-alarm-odu-rx-aps-change |
otn-alarm-odu-threshold-bbe | otn-alarm-odu-threshold-es | otn-alarm-odu-threshold-ses |
otn-alarm-odu-threshold-uas | otn-alarm-opu-pmi | generic-value)*>

```

```

<!ELEMENT interface-chassis-cos-summary (intf-cos-chassis-num-queues-supported |
intf-cos-chassis-num-queues-in-use)*>

```

```

<!ELEMENT interface-cos-short-summary (intf-cos-queue-type |
intf-cos-num-queues-supported | intf-cos-num-queues-in-use)*>

```

```

<!ELEMENT interface-cos-summary (intf-cos-forwarding-classes-supported |
intf-cos-forwarding-classes-in-use | intf-cos-queue-type | intf-cos-num-queues-supported |
intf-cos-num-queues-in-use | intf-cos-burst-size-for-iff)*>

```

```

<!ELEMENT interface-filter-information (physical-interface | logical-interface)*>
<!ATTLIST interface-filter-information heading CDATA #IMPLIED>
<!ATTLIST interface-filter-information junos:style CDATA #IMPLIED>

```

```

<!ELEMENT interface-flapped (#PCDATA)>

```

```

<!ELEMENT interface-index (#PCDATA)>

```

```

<!ELEMENT interface-information (physical-interface | logical-interface | controller |
interface-set)*>
<!ATTLIST interface-information junos:style CDATA #IMPLIED>

```

```

<!ELEMENT interface-location-name-information (location-name-information)*>

```

```

<!ELEMENT interface-location-slot-information (location-slot-information)*>

```

```

<!ELEMENT interface-name (#PCDATA)>

```

```

<!ELEMENT interface-policer-information (physical-interface | logical-interface)*>

```

```

<!ATTLIST interface-policer-information heading CDATA #IMPLIED>
<!ATTLIST interface-policer-information junos:style CDATA #IMPLIED>

<!ELEMENT interface-set (name | interface-set-index | interface-set-member-list |
traffic-statistics | interface-set-queue-information)*>
<!ATTLIST interface-set junos:style CDATA #IMPLIED>

<!ELEMENT interface-set-index (#PCDATA)>

<!ELEMENT interface-set-member (#PCDATA)>

<!ELEMENT interface-set-member-list (interface-set-member)*>

<!ELEMENT interface-set-queue-information (queue-counters |
ingress-queue-counters)*>

<!ELEMENT interface-shared-with (#PCDATA)>

<!ELEMENT interface-tx-queue (name | bandwidth | wrr | output-packets | output-bytes |
output-drops | output-drops-bytes | output-errors)*>

<!ELEMENT interleave-fragments (#PCDATA)>

<!ELEMENT interleaved-rx-cells (#PCDATA)>

<!ELEMENT interleaved-tx-cells (#PCDATA)>

<!ELEMENT internal-flags (#PCDATA)>

<!ELEMENT interval (range | media-alarm)*>

<!ELEMENT interval-information (interval)*>

<!ELEMENT intf-cos-burst-size-for-ifl (#PCDATA)>

<!ELEMENT intf-cos-chassis-num-queues-in-use (#PCDATA)>

<!ELEMENT intf-cos-chassis-num-queues-supported (#PCDATA)>

<!ELEMENT intf-cos-forwarding-classes-in-use (#PCDATA)>

<!ELEMENT intf-cos-forwarding-classes-supported (#PCDATA)>

<!ELEMENT intf-cos-num-queues-in-use (#PCDATA)>

<!ELEMENT intf-cos-num-queues-supported (#PCDATA)>

<!ELEMENT intf-cos-queue-type (#PCDATA)>

<!ELEMENT invalid-vcs (#PCDATA)>

<!ELEMENT ipv6-transit-statistics (input-bytes | output-bytes | input-packets |
output-packets)*>

<!ELEMENT irb-bridge (#PCDATA)>

<!ELEMENT irb-domain (irb-routing-instance | irb-bridge)*>

```

```

<!ELEMENT irb-routing-instance (#PCDATA)>

<!ELEMENT isdn-alarm-lof EMPTY>

<!ELEMENT isdn-alarm-los EMPTY>

<!ELEMENT jswitch-port (physical-interface-name | port | admin-state | physical-link |
link-speed | auto-negotiation | link-duplexity | port-mtu | ethernet-mac-statistics |
ethernet-autonegotiation | vlan-id | default-vlan-id | cascade-port)*>

<!ELEMENT jswitch-port-information (jswitch-port)*>
<!ATTLIST jswitch-port-information junos:style CDATA #IMPLIED>

<!ELEMENT keepalive-config (keepalive-interval | keepalive-up-count |
keepalive-down-count)*>

<!ELEMENT keepalive-down-count (#PCDATA)>

<!ELEMENT keepalive-input-count (#PCDATA)>

<!ELEMENT keepalive-input-time (#PCDATA)>

<!ELEMENT keepalive-interval (#PCDATA)>

<!ELEMENT keepalive-lmi-descriptor (#PCDATA)>

<!ELEMENT keepalive-output-count (#PCDATA)>

<!ELEMENT keepalive-output-time (#PCDATA)>

<!ELEMENT keepalive-statistics (keepalive-lmi-descriptor | keepalive-input-count |
keepalive-input-time | keepalive-output-count | keepalive-output-time)*>
<!ATTLIST keepalive-statistics junos:style CDATA #IMPLIED>

<!ELEMENT keepalive-up-count (#PCDATA)>

<!ELEMENT l2circuit-info (cell-bundle-size | cell-bundle-timeout | cell-timeout-count |
out-of-sequence)*>

<!ELEMENT l2circuit-mode (#PCDATA)>

<!ELEMENT l2pt-error (#PCDATA)>

<!ELEMENT lacp-activity (#PCDATA)>

<!ELEMENT lacp-aggregation (#PCDATA)>

<!ELEMENT lacp-collecting (#PCDATA)>

<!ELEMENT lacp-defaulted (#PCDATA)>

<!ELEMENT lacp-distributing (#PCDATA)>

<!ELEMENT lacp-expired (#PCDATA)>

<!ELEMENT lacp-mux-state (#PCDATA)>

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<!ELEMENT lacp-port-key (#PCDATA)>

<!ELEMENT lacp-port-number (#PCDATA)>

<!ELEMENT lacp-port-priority (#PCDATA)>

<!ELEMENT lacp-receive-state (#PCDATA)>

<!ELEMENT lacp-role (#PCDATA)>

<!ELEMENT lacp-rx-packets (#PCDATA)>

<!ELEMENT lacp-synchronization (#PCDATA)>

<!ELEMENT lacp-sys-priority (#PCDATA)>

<!ELEMENT lacp-system-id (#PCDATA)>

<!ELEMENT lacp-timeout (#PCDATA)>

<!ELEMENT lacp-transmit-state (#PCDATA)>

<!ELEMENT lacp-tx-packets (#PCDATA)>

<!ELEMENT lag-bundle (input-packets | input-pps | input-bytes | input-bps |
output-packets | output-pps | output-bytes | output-bps)*>

<!ELEMENT lag-lacp-info (name | lacp-role | lacp-sys-priority | lacp-system-id |
lacp-port-priority | lacp-port-number | lacp-port-key)*>

<!ELEMENT lag-lacp-protocol (name | lacp-receive-state | lacp-transmit-state |
lacp-mux-state)*>

<!ELEMENT lag-lacp-state (name | lacp-role | lacp-expired | lacp-defaulted |
lacp-distributing | lacp-collecting | lacp-synchronization | lacp-aggregation | lacp-timeout
| lacp-activity)*>

<!ELEMENT lag-lacp-statistics (name | lacp-rx-packets | lacp-tx-packets |
unknown-rx-packets | illegal-rx-packets)*>

<!ELEMENT lag-link (name | down | input-packets | input-pps | input-bytes | input-bps |
output-packets | output-pps | output-bytes | output-bps)*>

<!ELEMENT lag-marker (name | marker-rx-packets | marker-response-tx-packets |
unknown-rx-packets | illegal-rx-packets)*>

<!ELEMENT lag-traffic-statistics (lag-bundle | lag-link | lag-marker | lag-lacp-statistics |
lag-lacp-info | lag-lacp-state | lag-lacp-protocol)*>

<!ELEMENT lane-index (#PCDATA)>

<!ELEMENT laser-bias-current (#PCDATA)>

<!ELEMENT laser-bias-current-alarm (#PCDATA)>

<!ELEMENT laser-bias-current-high-alarm (#PCDATA)>

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<!ELEMENT laser-bias-current-high-alarm-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-high-warn (#PCDATA)>
<!ELEMENT laser-bias-current-high-warn-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-low-alarm (#PCDATA)>
<!ELEMENT laser-bias-current-low-alarm-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-low-warn (#PCDATA)>
<!ELEMENT laser-bias-current-low-warn-threshold (#PCDATA)>
<!ELEMENT laser-bias-current-not-available (#PCDATA)>
<!ELEMENT laser-end-of-life-alarm (#PCDATA)>
<!ELEMENT laser-output-power (#PCDATA)>
<!ELEMENT laser-output-power-dbm (#PCDATA)>
<!ELEMENT laser-power-alarm (#PCDATA)>
<!ELEMENT laser-rx-optical-power (#PCDATA)>
<!ELEMENT laser-rx-optical-power-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-high-alarm (#PCDATA)>
<!ELEMENT laser-rx-power-high-alarm-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-high-alarm-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-high-warn (#PCDATA)>
<!ELEMENT laser-rx-power-high-warn-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-high-warn-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-low-alarm (#PCDATA)>
<!ELEMENT laser-rx-power-low-alarm-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-low-alarm-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-low-warn (#PCDATA)>
<!ELEMENT laser-rx-power-low-warn-threshold (#PCDATA)>
<!ELEMENT laser-rx-power-low-warn-threshold-dbm (#PCDATA)>
<!ELEMENT laser-rx-power-not-available (#PCDATA)>
<!ELEMENT laser-tx-power-high-alarm (#PCDATA)>

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<!ELEMENT laser-tx-power-high-alarm-threshold (#PCDATA)>
<!ELEMENT laser-tx-power-high-alarm-threshold-dbm (#PCDATA)>
<!ELEMENT laser-tx-power-high-warn (#PCDATA)>
<!ELEMENT laser-tx-power-high-warn-threshold (#PCDATA)>
<!ELEMENT laser-tx-power-high-warn-threshold-dbm (#PCDATA)>
<!ELEMENT laser-tx-power-low-alarm (#PCDATA)>
<!ELEMENT laser-tx-power-low-alarm-threshold (#PCDATA)>
<!ELEMENT laser-tx-power-low-alarm-threshold-dbm (#PCDATA)>
<!ELEMENT laser-tx-power-low-warn (#PCDATA)>
<!ELEMENT laser-tx-power-low-warn-threshold (#PCDATA)>
<!ELEMENT laser-tx-power-low-warn-threshold-dbm (#PCDATA)>
<!ELEMENT laser-tx-power-not-available (#PCDATA)>
<!ELEMENT laser-wavelength-alarm (#PCDATA)>
<!ELEMENT last-down-time (#PCDATA)>
<!ELEMENT last-received (#PCDATA)>
<!ELEMENT last-transmitted (#PCDATA)>
<!ELEMENT layer2-input-policer (#PCDATA)>
<!ELEMENT layer2-input-policer-information (layer2-input-policer)*>
<!ELEMENT layer2-input-policer-statistics (policer-low-frames |
policer-medium-low-frames | policer-medium-high-frames | policer-high-frames |
policer-dropped-frames)*>
<!ELEMENT layer2-output-policer (#PCDATA)>
<!ELEMENT layer2-output-policer-information (layer2-output-policer)*>
<!ELEMENT layer2-output-policer-statistics (policer-low-frames |
policer-medium-low-frames | policer-medium-high-frames | policer-high-frames |
policer-dropped-frames)*>
<!ELEMENT lcc-number (#PCDATA)>
<!ELEMENT lcp-restart-timer (#PCDATA)>
<!ELEMENT lcp-state (#PCDATA)>
<!ELEMENT length-errors (#PCDATA)>

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<!ELEMENT lfi (input-frames | input-fps | input-bytes | input-bps | output-frames |
output-fps | output-bytes | output-bps)*>

<!ELEMENT line-protocol (line-protocol-mode)*>

<!ELEMENT line-protocol-mode (#PCDATA)>

<!ELEMENT linear-red-drop-profile (queue-depth | low-red | high-red | max-low-red |
max-high-red)*>

<!ELEMENT link (name | down | link-uptime | input-frames | input-fps | input-bytes |
input-bps | output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT link-address (#PCDATA)>

<!ELEMENT link-duplexity (#PCDATA)>

<!ELEMENT link-entry (link-id | active-alarms | active-defects | sonet-errors |
sonet-physical-information | sonet-section-information | sonet-line-information |
sonet-path-information | sonet-payload-pointer-information | sonet-payload-pointer-curptr
| sonet-payload-pointer-ptrinc-count | sonet-payload-pointer-ptrdec-count |
sonet-payload-pointer-newptr-ndf-count | sonet-vt-information | sonet-rx-overhead |
sonet-tx-overhead | sonet-rx-path-trace | sonet-tx-path-trace | optics-diagnostics)*>

<!ELEMENT link-id (#PCDATA)>

<!ELEMENT link-layer-overhead (#PCDATA)>

<!ELEMENT link-level-type (#PCDATA)>

<!ELEMENT link-mode (#PCDATA)>

<!ELEMENT link-partner-duplexity (#PCDATA)>

<!ELEMENT link-partner-reason (#PCDATA)>

<!ELEMENT link-partner-speed (#PCDATA)>

<!ELEMENT link-partner-status (#PCDATA)>

<!ELEMENT link-speed (#PCDATA)>

<!ELEMENT link-type (#PCDATA)>

<!ELEMENT link-uptime (#PCDATA)>

<!ELEMENT links (link-entry)*>

<!ELEMENT lip-ack-retries (#PCDATA)>

<!ELEMENT lip-ack-timer (#PCDATA)>

<!ELEMENT lip-header-string (#PCDATA)>

<!ELEMENT lip-hello-timer (#PCDATA)>

<!ELEMENT lmi-asynchronous-updates-received (#PCDATA)>

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<!ELEMENT lmi-dce-config (lmi-type | lmi-n392dce | lmi-n393dce | lmi-t392dce)*>

<!ELEMENT lmi-dte-config (lmi-type | lmi-n391dte | lmi-n392dte | lmi-n393dte |
lmi-t391dte)*>

<!ELEMENT lmi-enquiries-received (#PCDATA)>

<!ELEMENT lmi-enquiries-sent (#PCDATA)>

<!ELEMENT lmi-enquiry-responses-received (#PCDATA)>

<!ELEMENT lmi-enquiry-responses-sent (#PCDATA)>

<!ELEMENT lmi-full-enquiries-received (#PCDATA)>

<!ELEMENT lmi-full-enquiries-sent (#PCDATA)>

<!ELEMENT lmi-full-enquiry-responses-received (#PCDATA)>

<!ELEMENT lmi-full-enquiry-responses-sent (#PCDATA)>

<!ELEMENT lmi-keepalive-responses-timeout (#PCDATA)>

<!ELEMENT lmi-n391dte (#PCDATA)>

<!ELEMENT lmi-n392dce (#PCDATA)>

<!ELEMENT lmi-n392dte (#PCDATA)>

<!ELEMENT lmi-n393dce (#PCDATA)>

<!ELEMENT lmi-n393dte (#PCDATA)>

<!ELEMENT lmi-out-of-sequence (#PCDATA)>

<!ELEMENT lmi-statistics (lmi-statistics-dte-descriptor | lmi-enquiries-sent |
lmi-full-enquiries-sent | lmi-enquiry-responses-received |
lmi-full-enquiry-responses-received | lmi-statistics-dce-descriptor | lmi-enquiries-received
| lmi-full-enquiries-received | lmi-enquiry-responses-sent | lmi-full-enquiry-responses-sent
| lmi-statistics-common-descriptor | lmi-unknown-messages-received |
lmi-asynchronous-updates-received | lmi-out-of-sequence |
lmi-keepalive-responses-timeout)*>

<!ELEMENT lmi-statistics-common-descriptor (#PCDATA)>

<!ELEMENT lmi-statistics-dce-descriptor (#PCDATA)>

<!ELEMENT lmi-statistics-dte-descriptor (#PCDATA)>

<!ELEMENT lmi-t391dte (#PCDATA)>

<!ELEMENT lmi-t392dce (#PCDATA)>

<!ELEMENT lmi-type (#PCDATA)>

<!ELEMENT lmi-unknown-messages-received (#PCDATA)>

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<!ELEMENT load-interval (#PCDATA)>

<!ELEMENT load-threshold (#PCDATA)>

<!ELEMENT local-flow-control (#PCDATA)>

<!ELEMENT local-index (#PCDATA)>

<!ELEMENT local-info (local-flow-control | local-remote-fault)*>

<!ELEMENT local-remote-fault (#PCDATA)>

<!ELEMENT local-traffic-statistics (input-bytes | output-bytes | input-bps | output-bps |
input-packets | output-packets | input-pps | output-pps)*>

<!ELEMENT location-name-information (interface-name | fpc-number | lcc-number)*>

<!ELEMENT location-slot-information (global-fpc-number)*>

<!ELEMENT logical-interface (name | admin-status | oper-status | vrfname | local-index |
snmp-index | generation | description | if-config-flags | multilink-flapped | link-address |
encapsulation | demux-table-type | copy-tos-to-outer-ip-header |
redundant-logical-interface-name | layer2-input-policer-information |
layer2-output-policer-information | pppoe-information | demux-interface |
demux-information | dialer-time-to-disconnect | dialer-information |
shared-interface-information | logical-interface-mac | mac-database |
logical-interface-bandwidth | queue-counters | ingress-queue-counters |
multilink-bundle-link-information | multilink-bundle-options | multilink-bundle-errors |
multilink-traffic-statistics | traffic-statistics | ingress-traffic-statistics |
local-traffic-statistics | transit-traffic-statistics | keepalive-config | keepalive-statistics |
ppp-flags | lcp-state | ncp-information | chap-state | pap-state | virtual-circuit-information
| filter-information | policer-information | address-family | in-arp-statistics | l2circuit-info |
irb-domain | media-information | multilink-bundle-status | multilink-bundle-class |
lag-traffic-statistics | layer2-input-policer-statistics | layer2-output-policer-statistics |
mac-policer-information | ppp-parameters)*>

<!ELEMENT logical-interface-bandwidth (#PCDATA)>

<!ELEMENT logical-interface-mac (#PCDATA)>

<!ELEMENT loopback (#PCDATA)>

<!ELEMENT loopback-clear-timer (#PCDATA)>

<!ELEMENT low-red (#PCDATA)>

<!ELEMENT lsi-traffic-statistics (input-bytes | input-bps | input-packets | input-pps)*>
<!ATTLIST lsi-traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT mac-address (#PCDATA)>

<!ELEMENT mac-database (mac-record | number-of-mac-record)*>

<!ELEMENT mac-entry-type (#PCDATA)>

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<!ELEMENT mac-policer-information (mac-address | mac-entry-type | receive-bytes |
transmit-bytes | receive-frames | transmit-frames | ether-policer-list)*>

<!ELEMENT mac-record (mac-address | receive-frames | receive-bytes | transmit-frames
| transmit-bytes)*>

<!ELEMENT mac-validate-bytes (#PCDATA)>

<!ELEMENT mac-validate-packets (#PCDATA)>

<!ELEMENT mac-validate-statistics (mac-validate-packets | mac-validate-bytes)*>

<!ELEMENT marker-response-tx-packets (#PCDATA)>

<!ELEMENT marker-rx-packets (#PCDATA)>

<!ELEMENT max-high-red (#PCDATA)>

<!ELEMENT max-low-red (#PCDATA)>

<!ELEMENT max-speed (#PCDATA)>

<!ELEMENT media-alarm (media-alarm-name | media-alarm-seconds |
media-alarm-count | media-alarm-state | ce-counter-name | ce-counter-packets |
ce-counter-bytes | ce-counter-count)*>

<!ELEMENT media-alarm-count (#PCDATA)>

<!ELEMENT media-alarm-name (#PCDATA)>

<!ELEMENT media-alarm-seconds (#PCDATA)>

<!ELEMENT media-alarm-state (#PCDATA)>

<!ELEMENT media-information (media-alarm | ds1-timeslots | ds1-line-encoding |
ds1-byte-encoding | ds1-data-inversion | ds1-buildout | ds0-byte-encoding |
ds0-data-inversion | idle-cycle-flag | start-end-flag | e3-data-inversion | media-type)*>
<!--ATTLIST media-information junos:style CDATA #IMPLIED-->

<!ELEMENT media-type (#PCDATA)>

<!ELEMENT minimum-bandwidth-in-aggregate (#PCDATA)>

<!ELEMENT minimum-links (#PCDATA)>

<!ELEMENT minimum-links-in-aggregate (#PCDATA)>

<!ELEMENT mlfr-uni-nni-bundle-options (mlfr-uni-nni-device-type | mlfr-uni-nni-mrru |
red-differential-delay | red-differential-delay-action | yellow-differential-delay |
lip-hello-timer | lip-ack-timer | lip-ack-retries | bundle-class | mlfr-uni-nni-drop-timeout |
mlfr-uni-nni-link-layer-overhead | mlfr-uni-nni-lmi-type | mlfr-uni-nni-fragment-threshold |
mlfr-uni-nni-minimum-links | t391 | t392 | n391 | n392 | n393)*>

<!ELEMENT mlfr-uni-nni-device-type (#PCDATA)>

<!ELEMENT mlfr-uni-nni-drop-timeout (#PCDATA)>

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<!ELEMENT mlfr-uni-nni-fragment-threshold (#PCDATA)>

<!ELEMENT mlfr-uni-nni-link (name | down | link-uptime | input-frames | input-fps | input-bytes | input-bps | output-frames | output-fps | output-bytes | output-bps | lip-header-string | current-differential-delay | recent-high-differential-delay | over-red-differential | over-yellow-differential | rcv-lip-addlink | rcv-lip-link-ack | rcv-lip-link-rej | rcv-lip-hello | rcv-lip-hello-ack | rcv-lip-link-rem | rcv-lip-rem-ack | xmt-lip-addlink | xmt-lip-link-ack | xmt-lip-link-rej | xmt-lip-hello | xmt-lip-hello-ack | xmt-lip-link-rem | xmt-lip-rem-ack)*>

<!ELEMENT mlfr-uni-nni-link-information (active-bundle-links | removed-bundle-links | disabled-bundle-links)*>

<!ELEMENT mlfr-uni-nni-link-layer-overhead (#PCDATA)>

<!ELEMENT mlfr-uni-nni-lmi-type (#PCDATA)>

<!ELEMENT mlfr-uni-nni-minimum-links (#PCDATA)>

<!ELEMENT mlfr-uni-nni-mrru (#PCDATA)>

<!ELEMENT mlfr-uni-nni-traffic-statistics (bundle | mlfr-uni-nni-link-information | mlfr-uni-nni-link)*>

<!ELEMENT mlppp-inner-ppp-pfc (#PCDATA)>

<!ELEMENT mode (#PCDATA)>

<!ELEMENT modem-information (modem-type | init-command-str | init-status | baud-rate | call-status | error-code | call-duration | call-direction)*>

<!ELEMENT modem-type (#PCDATA)>

<!ELEMENT modulator-bias-alarm (#PCDATA)>

<!ELEMENT modulator-temperature-alarm (#PCDATA)>

<!ELEMENT module-not-ready-alarm (#PCDATA)>

<!ELEMENT module-power-down-alarm (#PCDATA)>

<!ELEMENT module-temperature (#PCDATA)>

<!ATTLIST module-temperature junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-alarm (#PCDATA)>

<!ELEMENT module-temperature-high-alarm (#PCDATA)>

<!ELEMENT module-temperature-high-alarm-threshold (#PCDATA)>

<!ATTLIST module-temperature-high-alarm-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-high-warn (#PCDATA)>

<!ELEMENT module-temperature-high-warn-threshold (#PCDATA)>

<!ATTLIST module-temperature-high-warn-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-low-alarm (#PCDATA)>

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<!ELEMENT module-temperature-low-alarm-threshold (#PCDATA)>
<!ATTLIST module-temperature-low-alarm-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-low-warn (#PCDATA)>

<!ELEMENT module-temperature-low-warn-threshold (#PCDATA)>
<!ATTLIST module-temperature-low-warn-threshold junos:celsius CDATA #IMPLIED>

<!ELEMENT module-temperature-not-available (#PCDATA)>

<!ELEMENT module-voltage (#PCDATA)>

<!ELEMENT module-voltage-high-alarm (#PCDATA)>

<!ELEMENT module-voltage-high-alarm-threshold (#PCDATA)>

<!ELEMENT module-voltage-high-warn (#PCDATA)>

<!ELEMENT module-voltage-high-warn-threshold (#PCDATA)>

<!ELEMENT module-voltage-low-alarm (#PCDATA)>

<!ELEMENT module-voltage-low-alarm-threshold (#PCDATA)>

<!ELEMENT module-voltage-low-warn (#PCDATA)>

<!ELEMENT module-voltage-low-warn-threshold (#PCDATA)>

<!ELEMENT mrru (#PCDATA)>

<!ELEMENT mrru-exceeded (#PCDATA)>

<!ELEMENT mtu (#PCDATA)>

<!ELEMENT mtu-errors (#PCDATA)>

<!ELEMENT multilink EMPTY>

<!ELEMENT multilink-active-bundle-links (#PCDATA)>

<!ELEMENT multilink-bundle-class (multilink-class-id | rx-sequence-number |
tx-sequence-number | packet-drops | packet-drop-bytes | fragment-drops |
fragment-drop-bytes | mrru-exceeded | processing-errors | fragment-timeout |
sequence-number-missing | out-of-order-sequence-number |
out-of-range-sequence-number | packet-buffer-overflow | fragment-buffer-overflow |
multilink-class-drop-timeout)*>

<!ELEMENT multilink-bundle-errors (packet-drops | packet-drop-bytes | fragment-drops |
fragment-drop-bytes | mrru-exceeded | processing-errors)*>

<!ELEMENT multilink-bundle-link-information (multilink-active-bundle-links |
multilink-removed-bundle-links | multilink-disabled-bundle-links)*>

<!ELEMENT multilink-bundle-name (#PCDATA)>

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<!ELEMENT multilink-bundle-options (mrru | remote-mrru | drop-timeout |
mlppp-inner-ppp-pfc | sequence-number-format | fragment-threshold | minimum-links |
interleave-fragments | multilink-classes | link-layer-overhead)*>

<!ELEMENT multilink-bundle-status (rx-sequence-number | tx-sequence-number |
packet-drops | packet-drop-bytes | fragment-drops | fragment-drop-bytes |
mrru-exceeded | processing-errors | fragment-timeout | sequence-number-missing |
out-of-order-sequence-number | out-of-range-sequence-number | packet-buffer-overflow |
fragment-buffer-overflow)*>

<!ELEMENT multilink-class-drop-timeout (#PCDATA)>

<!ELEMENT multilink-class-id (#PCDATA)>

<!ELEMENT multilink-classes (#PCDATA)>

<!ELEMENT multilink-detail-statistics (bundle-detail | class-detail)*>

<!ELEMENT multilink-disabled-bundle-links (#PCDATA)>

<!ELEMENT multilink-flapped (#PCDATA)>

<!ELEMENT multilink-frames (input-frames | input-fps | input-bytes | input-bps |
output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT multilink-interface-errors (oversized-frames | input-error-frames |
input-disabled-bundle | output-disabled-bundle | queuing-drops | packet-buffer-overflow |
fragment-buffer-overflow | fragment-timeout | sequence-number-missing |
out-of-order-sequence-number | out-of-range-sequence-number | data-memory-error |
control-memory-error)*>

<!ELEMENT multilink-removed-bundle-links (#PCDATA)>

<!ELEMENT multilink-traffic-statistics (bundle | class | link | multilink-detail-statistics |
crtp)*>

<!ELEMENT multipoint-address (#PCDATA)>

<!ELEMENT n391 (#PCDATA)>

<!ELEMENT n392 (#PCDATA)>

<!ELEMENT n393 (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT ncp-information (ncp-protocol | ncp-state)*>

<!ELEMENT ncp-protocol (#PCDATA)>

<!ELEMENT ncp-restart-timer (#PCDATA)>

<!ELEMENT ncp-state (#PCDATA)>

<!ELEMENT near-end-attainable-bitrate (#PCDATA)>

<!ELEMENT near-end-attenuation (#PCDATA)>

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<!ELEMENT near-end-capacity-used (#PCDATA)>

<!ELEMENT near-end-fast-bitrate (#PCDATA)>

<!ELEMENT near-end-fast-crc (#PCDATA)>

<!ELEMENT near-end-fast-fec (#PCDATA)>

<!ELEMENT near-end-fast-hec (#PCDATA)>

<!ELEMENT near-end-fast-rx-cells (#PCDATA)>

<!ELEMENT near-end-fast-tx-cells (#PCDATA)>

<!ELEMENT near-end-interleaved-bitrate (#PCDATA)>

<!ELEMENT near-end-interleaved-crc (#PCDATA)>

<!ELEMENT near-end-interleaved-fec (#PCDATA)>

<!ELEMENT near-end-interleaved-hec (#PCDATA)>

<!ELEMENT near-end-interleaved-rx-cells (#PCDATA)>

<!ELEMENT near-end-interleaved-tx-cells (#PCDATA)>

<!ELEMENT near-end-noise-margin (#PCDATA)>

<!ELEMENT near-end-output-power (#PCDATA)>

<!ELEMENT network-frames (input-frames | input-fps | input-bytes | input-bps |
output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT no-buffers (#PCDATA)>

<!ELEMENT non-fragments (input-frames | input-fps | input-bytes | input-bps |
output-frames | output-fps | output-bytes | output-bps)*>

<!ELEMENT number-of-mac-record (#PCDATA)>

<!ELEMENT nxdsO-information (interface-tx-queue)*>

<!ELEMENT oam-ais-received-count (#PCDATA)>

<!ELEMENT oam-ais-received-last (#PCDATA)>

<!ELEMENT oam-ais-transmitted-count (#PCDATA)>

<!ELEMENT oam-ais-transmitted-last (#PCDATA)>

<!ELEMENT oam-cell-no-buffers (#PCDATA)>

<!ELEMENT oam-loopback-received-count (#PCDATA)>

<!ELEMENT oam-loopback-received-last (#PCDATA)>

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<!ELEMENT oam-loopback-transmitted-count (#PCDATA)>

<!ELEMENT oam-loopback-transmitted-last (#PCDATA)>

<!ELEMENT oam-parameters (period | up-count | down-count)*>

<!ELEMENT oam-rdi-received-count (#PCDATA)>

<!ELEMENT oam-rdi-received-last (#PCDATA)>

<!ELEMENT oam-rdi-transmitted-count (#PCDATA)>

<!ELEMENT oam-rdi-transmitted-last (#PCDATA)>

<!ELEMENT oam-statistics (oam-loopback-received-count | oam-loopback-received-last |
oam-loopback-transmitted-count | oam-loopback-transmitted-last |
oam-rdi-received-count | oam-rdi-received-last | oam-rdi-transmitted-count |
oam-rdi-transmitted-last | oam-ais-received-count | oam-ais-received-last |
oam-ais-transmitted-count | oam-ais-transmitted-last | oam-total-transmitted-count |
oam-total-received-count | oam-total-transmitted-count-4 | oam-total-received-count-4)*>

<!ELEMENT oam-total-received-count (#PCDATA)>

<!ELEMENT oam-total-received-count-4 (#PCDATA)>

<!ELEMENT oam-total-transmitted-count (#PCDATA)>

<!ELEMENT oam-total-transmitted-count-4 (#PCDATA)>

<!ELEMENT oper-status (#PCDATA)>

<!ELEMENT operation-not-supported-count (#PCDATA)>

<!ELEMENT optic-diagnostics-not-available (#PCDATA)>

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<ELEMENT optics-diagnostics (optic-diagnostics-not-available |
laser-bias-current-not-available | laser-tx-power-not-available |
module-temperature-not-available | laser-rx-power-not-available | laser-bias-current |
laser-output-power | laser-output-power-dbm | module-temperature | module-voltage |
rx-signal-avg-optical-power | rx-signal-avg-optical-power-dbm | laser-rx-optical-power |
laser-rx-optical-power-dbm | laser-bias-current-high-alarm | laser-bias-current-low-alarm |
laser-bias-current-high-warn | laser-bias-current-low-warn | module-voltage-high-alarm |
module-voltage-low-alarm | module-voltage-high-warn | module-voltage-low-warn |
laser-tx-power-high-alarm | laser-tx-power-low-alarm | laser-tx-power-high-warn |
laser-tx-power-low-warn | module-temperature-high-alarm |
module-temperature-low-alarm | module-temperature-high-warn |
module-temperature-low-warn | laser-rx-power-high-alarm | laser-rx-power-low-alarm |
laser-rx-power-high-warn | laser-rx-power-low-warn | laser-end-of-life-alarm |
laser-wavelength-alarm | laser-bias-current-alarm | module-temperature-alarm |
laser-power-alarm | modulator-temperature-alarm | modulator-bias-alarm |
module-not-ready-alarm | module-power-down-alarm | apd-supply-fault-alarm |
tec-fault-alarm | wavelength-unlocked-alarm | tx-mux-fifo-error-alarm | tx-loss-of-pll-alarm |
tx-data-not-ready-alarm | tx-not-ready-alarm | tx-laser-fault-alarm | tx-cdr-loss-of-lock-alarm |
rx-loss-avg-opt-power-alarm | rx-loss-ac-power-alarm | rx-loss-of-pll-alarm |
rx-not-ready-alarm | rx-loss-of-signal-alarm | rx-cdr-loss-of-lock-alarm |
module-voltage-high-alarm-threshold | module-voltage-low-alarm-threshold |
module-voltage-high-warn-threshold | module-voltage-low-warn-threshold |
laser-bias-current-high-alarm-threshold | laser-bias-current-low-alarm-threshold |
laser-bias-current-high-warn-threshold | laser-bias-current-low-warn-threshold |
laser-tx-power-high-alarm-threshold | laser-tx-power-low-alarm-threshold |
laser-tx-power-high-warn-threshold | laser-tx-power-low-warn-threshold |
laser-tx-power-high-alarm-threshold-dbm | laser-tx-power-low-alarm-threshold-dbm |
laser-tx-power-high-warn-threshold-dbm | laser-tx-power-low-warn-threshold-dbm |
module-temperature-high-alarm-threshold | module-temperature-low-alarm-threshold |
module-temperature-high-warn-threshold | module-temperature-low-warn-threshold |
laser-rx-power-high-alarm-threshold | laser-rx-power-low-alarm-threshold |
laser-rx-power-high-warn-threshold | laser-rx-power-low-warn-threshold |
laser-rx-power-high-alarm-threshold-dbm | laser-rx-power-low-alarm-threshold-dbm |
laser-rx-power-high-warn-threshold-dbm | laser-rx-power-low-warn-threshold-dbm |
optics-diagnostics-lane-values)*>

```

```

<ELEMENT optics-diagnostics-lane-values (lane-index | laser-bias-current |
laser-output-power | laser-output-power-dbm | module-temperature |
laser-rx-optical-power | laser-rx-optical-power-dbm | laser-bias-current-high-alarm |
laser-bias-current-low-alarm | laser-bias-current-high-warn |
laser-bias-current-low-warn)*>

```

```

<ELEMENT optics-properties (wavelength | frequency)*>

```

```

<!ELEMENT otn-alarm-lof EMPTY>

```

```

<!ELEMENT otn-alarm-lom EMPTY>

```

```

<!ELEMENT otn-alarm-los EMPTY>

```

```

<!ELEMENT otn-alarm-odu-ais EMPTY>

```

```

<!ELEMENT otn-alarm-odu-bdi EMPTY>

```

```

<!ELEMENT otn-alarm-odu-lck EMPTY>

```

```

<!ELEMENT otn-alarm-odu-oci EMPTY>

```



```

<!ELEMENT otn-alarm-odu-rx-aps-change EMPTY>

<!ELEMENT otn-alarm-odu-sd EMPTY>

<!ELEMENT otn-alarm-odu-sf EMPTY>

<!ELEMENT otn-alarm-odu-threshold-bbe EMPTY>

<!ELEMENT otn-alarm-odu-threshold-es EMPTY>

<!ELEMENT otn-alarm-odu-threshold-ses EMPTY>

<!ELEMENT otn-alarm-odu-threshold-uas EMPTY>

<!ELEMENT otn-alarm-odu-ttim EMPTY>

<!ELEMENT otn-alarm-opu-pmi EMPTY>

<!ELEMENT otn-alarm-otu-ais EMPTY>

<!ELEMENT otn-alarm-otu-bdi EMPTY>

<!ELEMENT otn-alarm-otu-fec-degraded EMPTY>

<!ELEMENT otn-alarm-otu-fec-excessive EMPTY>

<!ELEMENT otn-alarm-otu-iae EMPTY>

<!ELEMENT otn-alarm-otu-sd EMPTY>

<!ELEMENT otn-alarm-otu-sf EMPTY>

<!ELEMENT otn-alarm-otu-threshold-bbe EMPTY>

<!ELEMENT otn-alarm-otu-threshold-es EMPTY>

<!ELEMENT otn-alarm-otu-threshold-ses EMPTY>

<!ELEMENT otn-alarm-otu-threshold-uas EMPTY>

<!ELEMENT otn-alarm-otu-ttim EMPTY>

<!ELEMENT otn-alarm-wavelength-lock EMPTY>

<!ELEMENT otn-errors (media-alarm)*>
<!ATTLIST otn-errors junos:style CDATA #IMPLIED>

<!ELEMENT otn-fec-mode (fec-mode)*>
<!ATTLIST otn-fec-mode junos:style CDATA #IMPLIED>

<!ELEMENT otn-fec-statistics (fec-corrected-errors | fec-corrected-error-ratio)*>
<!ATTLIST otn-fec-statistics junos:style CDATA #IMPLIED>

<!ELEMENT otn-loopback (#PCDATA)>

<!ELEMENT otn-mode (#PCDATA)>

```

```
<!ELEMENT otn-oc-information (media-alarm)*>
<!ATTLIST otn-oc-information junos:style CDATA #IMPLIED>

<!ELEMENT otn-odu-information (media-alarm)*>
<!ATTLIST otn-odu-information junos:style CDATA #IMPLIED>

<!ELEMENT otn-otn-loopback (otn-loopback)*>
<!ATTLIST otn-otn-loopback junos:style CDATA #IMPLIED>

<!ELEMENT otn-otn-mode (otn-mode)*>
<!ATTLIST otn-otn-mode junos:style CDATA #IMPLIED>

<!ELEMENT otn-otn-rate (otn-rate)*>
<!ATTLIST otn-otn-rate junos:style CDATA #IMPLIED>

<!ELEMENT otn-otu-information (media-alarm)*>
<!ATTLIST otn-otu-information junos:style CDATA #IMPLIED>

<!ELEMENT otn-rate (#PCDATA)>

<!ELEMENT otn-rx-overhead (#PCDATA)>

<!ELEMENT otn-rx-tti (#PCDATA)>

<!ELEMENT otn-stats-counter (#PCDATA)>

<!ELEMENT otn-tx-overhead (#PCDATA)>

<!ELEMENT otn-tx-tti (#PCDATA)>

<!ELEMENT out-of-order-sequence-number (#PCDATA)>

<!ELEMENT out-of-range-sequence-number (#PCDATA)>

<!ELEMENT out-of-sequence (#PCDATA)>

<!ELEMENT out-of-spec-bytes (#PCDATA)>

<!ELEMENT out-of-spec-frames (#PCDATA)>

<!ELEMENT output-bps (#PCDATA)>

<!ELEMENT output-broadcasts (#PCDATA)>

<!ELEMENT output-bytes (#PCDATA)>

<!ELEMENT output-collisions (#PCDATA)>

<!ELEMENT output-crc-errors (#PCDATA)>

<!ELEMENT output-disabled-bundle (#PCDATA)>

<!ELEMENT output-drops (#PCDATA)>

<!ELEMENT output-drops-bytes (#PCDATA)>
```

```

<!ELEMENT output-error-count (#PCDATA)>

<!ELEMENT output-error-list (carrier-transitions | output-errors | output-drops |
output-collisions | output-hs-link-fifo-overflows | aged-packets | output-fifo-errors |
hs-link-fifo-underflows | hs-link-crc-errors | mtu-errors | output-resource-errors)*>

<!ELEMENT output-errors (#PCDATA)>

<!ELEMENT output-fifo-errors (#PCDATA)>

<!ELEMENT output-fps (#PCDATA)>

<!ELEMENT output-frames (#PCDATA)>

<!ELEMENT output-hs-link-fifo-overflows (#PCDATA)>

<!ELEMENT output-mac-control-frames (#PCDATA)>

<!ELEMENT output-mac-pause-frames (#PCDATA)>

<!ELEMENT output-multicasts (#PCDATA)>

<!ELEMENT output-packet-error-count (#PCDATA)>

<!ELEMENT output-packet-pad-count (#PCDATA)>

<!ELEMENT output-packets (#PCDATA)>

<!ELEMENT output-pps (#PCDATA)>

<!ELEMENT output-resource-errors (#PCDATA)>

<!ELEMENT output-unicasts (#PCDATA)>

<!ELEMENT over-red-differential (#PCDATA)>

<!ELEMENT over-yellow-differential (#PCDATA)>

<!ELEMENT oversized-frames (#PCDATA)>

<!ELEMENT ownership (#PCDATA)>

<!ELEMENT packet-buffer-overflow (#PCDATA)>

<!ELEMENT packet-drop-bytes (#PCDATA)>

<!ELEMENT packet-drops (#PCDATA)>

<!ELEMENT pap-state (#PCDATA)>

<!ELEMENT payload-scrambler (#PCDATA)>

<!ELEMENT peak (#PCDATA)>

<!ELEMENT peer-configuration-status (peer-nonmatching-dlci)*>
<ATTLIST peer-configuration-status junos:style CDATA #IMPLIED>

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<!ELEMENT peer-interface-name (#PCDATA)>
```

```
<!ELEMENT peer-nonmatching-dlci (#PCDATA)>
```

```
<!ELEMENT period (#PCDATA)>
```

```
<!ELEMENT pfe-information (destination-slot | destination-mask | stream-number |
stream-mask | plp-byte | plp-byte-count | pop-all-label)*>
```

```
<!ELEMENT physical-information (#PCDATA)>
```

```
<!ELEMENT physical-interface (name | admin-status | oper-status | local-index |
snmp-index | generation | description | if-type | link-level-type | mtu | link-mode | speed |
max-speed | duplex | clocking | sonet-mode | physical-mode | l2circuit-mode |
ifd-cell-bundle-size | ifd-cell-bundle-timeout | loopback | ih-parent | atm-line-build-out |
atm-encapsulation | atm-e3-framing | sonet-loopback | crc | payload-scrambler |
ingress-rate-limit | source-filtering | if-flow-control | bpdu-error | l2pt-error |
if-unidirectional | if-auto-negotiation | if-remote-fault | minimum-links-in-aggregate |
minimum-bandwidth-in-aggregate | if-device-flags | if-config-flags |
shared-interface-physical-interface | link-type | if-media-flags | optics-properties |
keepalive-config | lmi-dce-config | lmi-dte-config | queue-counters | keepalive-statistics |
ppp-flags | lcp-state | ncp-information | chap-state | pap-state | physical-information |
es-ifd-stats | up-hold-time | down-hold-time | current-physical-address |
hardware-physical-address | alternate-physical-address | interface-flapped |
statistics-cleared | preserve-interface | preserve-interface-statistics | traffic-statistics |
ingress-traffic-statistics | multilink-interface-errors | mlfr-uni-nni-bundle-options |
multilink-bundle-errors | input-error-list | input-error-count | output-error-list |
output-error-count | ber-threshold | ds1-crc-alarm-threshold | active-alarms |
active-defects | sonet-errors | sonet-physical-information | sonet-section-information |
sonet-line-information | sonet-path-information | sonet-payload-pointer-information |
sonet-payload-pointer-curptr | sonet-payload-pointer-ptrinc-count |
sonet-payload-pointer-ptrdec-count | sonet-payload-pointer-newptr-ndf-count |
sonet-vt-information | sonet-rx-overhead | sonet-tx-overhead | sonet-rx-path-trace |
sonet-tx-path-trace | otn-errors | otn-rx-overhead | otn-tx-overhead | otn-stats-counter |
otn-fec-statistics | otn-fec-mode | otn-otn-mode | otn-otn-rate | otn-otn-loopback |
otn-rx-tti | otn-tx-tti | media-information | ethernet-pcs-statistics | ethernet-mac-statistics |
ethernet-filter-statistics | ethernet-autonegotiation | link-partner-status | local-info |
mac-database | dsl-information | shdsl-information | atm-information |
modem-information | serial-information | virtual-path-information | ct3-information |
cds1-information | nxds0-information | ds3-mode | ds3-long-buildout | e3-framing |
ds1-framing | dsu-information | ds3-bert-information | e3-bert-information |
ds1-bert-information | ds0-bert-information | hdlc-information | pfe-information |
logical-interface | links | peer-configuration-status | lmi-statistics | lsi-traffic-statistics |
stp-traffic-statistics | chassis-queue-counters | ingress-queue-counters |
otn-oc-information | otn-otu-information | otn-odu-information | satop-information |
cesopsn-information | cos-information | physical-interface-cos-information |
mlfr-uni-nni-traffic-statistics | interval-information)*>
```

```
<!ELEMENT physical-interface-cos-hw-max-queues (#PCDATA)>
```

```
<!ELEMENT physical-interface-cos-information (physical-interface-cos-hw-max-queues |
physical-interface-cos-use-max-queues | physical-interface-schedulers |
physical-interface-red-buffer-occupancy)*>
```

```
<!ELEMENT physical-interface-cos-use-max-queues (#PCDATA)>
```

```
<!ELEMENT physical-interface-name (#PCDATA)>
```

```

<!ELEMENT physical-interface-red-buffer-occupancy (instant-usage-weight-exponent)*>

<!ELEMENT physical-interface-schedulers (#PCDATA)>

<!ELEMENT physical-link (#PCDATA)>

<!ELEMENT physical-mode (#PCDATA)>

<!ELEMENT plcp-defects (media-alarm)*>

<!ELEMENT plcp-statistics (ferr-count | ferr-seconds | biqe-count | biqe-seconds |
febe-count | febe-seconds)*>

<!ELEMENT plp-byte (#PCDATA)>

<!ELEMENT plp-byte-count (#PCDATA)>

<!ELEMENT plp-to-clp EMPTY>

<!ELEMENT policer-dropped-frames (#PCDATA)>

<!ELEMENT policer-family (#PCDATA)>

<!ELEMENT policer-high-frames (#PCDATA)>

<!ELEMENT policer-information (policer-family | policer-input | policer-output)*>

<!ELEMENT policer-input (#PCDATA)>

<!ELEMENT policer-low-frames (#PCDATA)>

<!ELEMENT policer-medium-high-frames (#PCDATA)>

<!ELEMENT policer-medium-low-frames (#PCDATA)>

<!ELEMENT policer-output (#PCDATA)>

<!ELEMENT policer-type (#PCDATA)>

<!ELEMENT pool-id (#PCDATA)>

<!ELEMENT pop-all-label (#PCDATA)>

<!ELEMENT port (#PCDATA)>

<!ELEMENT port-mtu (#PCDATA)>

<!ELEMENT ppp-flags (iff-ppp-flags-acfc | iff-ppp-flags-pfc)*>

<!ELEMENT ppp-parameters (lcp-restart-timer | ncp-restart-timer | termination-requests |
loopback-clear-timer)*>

<!ELEMENT pppoe-information (pppoe-interface)*>

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<!ELEMENT pppoe-interface (interface-name | interface-index |
underlying-interface-name | underlying-interface-index | state | session-id |
ac-name-config | ac-name-session | service-name | ac-mac | auto-reconnect |
idle-timeout | session-uptime)*>

<!ELEMENT preserve-interface (#PCDATA)>

<!ELEMENT preserve-interface-statistics (if-switchover-total | if-switchover-last-attempt |
if-switchover-last-time | if-switchover-min-max-avg-time)*>

<!ELEMENT primary-interface (#PCDATA)>

<!ELEMENT processing-errors (#PCDATA)>

<!ELEMENT queue (queue-number | forwarding-class-name |
queue-counters-queued-packets | queue-counters-queued-packets-na |
queue-counters-queued-bytes-na | queue-counters-queued-bytes |
queue-counters-queued-packets-rate | queue-counters-queued-bytes-rate |
queue-counters-trans-packets | queue-counters-trans-bytes |
queue-counters-trans-packets-rate | queue-counters-trans-bytes-rate |
queue-counters-tail-drop-packets | queue-counters-tail-drop-packets-rate |
queue-counters-tail-drop-packets-na | queue-counters-rate-limit-drop-packets |
queue-counters-rate-limit-drop-packets-rate | queue-counters-rate-limit-drop-packets-na |
queue-counters-rate-limit-drop-bytes | queue-counters-rate-limit-drop-bytes-rate |
queue-counters-rate-limit-drop-bytes-na | queue-counters-red-packets-na |
queue-counters-red-packets | queue-counters-red-bytes-na | queue-counters-red-bytes |
queue-counters-red-packets-rate | queue-counters-red-bytes-rate |
queue-counters-red-packets-ln | queue-counters-red-bytes-ln |
queue-counters-red-packets-rate-ln | queue-counters-red-bytes-rate-ln |
queue-counters-red-packets-lt | queue-counters-red-bytes-lt |
queue-counters-red-packets-rate-lt | queue-counters-red-bytes-rate-lt |
queue-counters-red-packets-ht | queue-counters-red-bytes-ht |
queue-counters-red-packets-rate-ht | queue-counters-red-bytes-rate-ht |
queue-counters-red-packets-hn | queue-counters-red-bytes-hn |
queue-counters-red-packets-rate-hn | queue-counters-red-bytes-rate-hn |
queue-counters-red-packets-low | queue-counters-red-bytes-low |
queue-counters-red-packets-rate-low | queue-counters-red-bytes-rate-low |
queue-counters-red-packets-medium-low | queue-counters-red-bytes-medium-low |
queue-counters-red-packets-rate-medium-low |
queue-counters-red-bytes-rate-medium-low | queue-counters-red-packets-medium-high |
queue-counters-red-bytes-medium-high | queue-counters-red-packets-rate-medium-high |
queue-counters-red-bytes-rate-medium-high | queue-counters-red-packets-medium |
queue-counters-red-bytes-medium | queue-counters-red-packets-rate-medium |
queue-counters-red-bytes-rate-medium | queue-counters-red-packets-high |
queue-counters-red-bytes-high | queue-counters-red-packets-rate-high |
queue-counters-red-bytes-rate-high)*>

<!ELEMENT queue-counters (queue-counters-error-message | queue |
interface-cos-short-summary | interface-cos-summary)*>
<!ATTLIST queue-counters junos:style CDATA #IMPLIED>

<!ELEMENT queue-counters-error-message (#PCDATA)>

<!ELEMENT queue-counters-queued-bytes (#PCDATA)>

<!ELEMENT queue-counters-queued-bytes-na (#PCDATA)>

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<!ELEMENT queue-counters-queued-bytes-rate (#PCDATA)>
<!ELEMENT queue-counters-queued-packets (#PCDATA)>
<!ELEMENT queue-counters-queued-packets-na (#PCDATA)>
<!ELEMENT queue-counters-queued-packets-rate (#PCDATA)>
<!ELEMENT queue-counters-rate-limit-drop-bytes (#PCDATA)>
<!ELEMENT queue-counters-rate-limit-drop-bytes-na (#PCDATA)>
<!ELEMENT queue-counters-rate-limit-drop-bytes-rate (#PCDATA)>
<!ELEMENT queue-counters-rate-limit-drop-packets (#PCDATA)>
<!ELEMENT queue-counters-rate-limit-drop-packets-na (#PCDATA)>
<!ELEMENT queue-counters-rate-limit-drop-packets-rate (#PCDATA)>
<!ELEMENT queue-counters-red-bytes (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-high (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-hn (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-ht (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-ln (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-low (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-lt (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-medium (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-medium-low (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-na (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-high (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-hn (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-ht (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-ln (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-low (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-lt (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-medium (#PCDATA)>

```

```
<!ELEMENT queue-counters-red-bytes-rate-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-bytes-rate-medium-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets (#PCDATA)>
<!ELEMENT queue-counters-red-packets-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-hn (#PCDATA)>
<!ELEMENT queue-counters-red-packets-ht (#PCDATA)>
<!ELEMENT queue-counters-red-packets-ln (#PCDATA)>
<!ELEMENT queue-counters-red-packets-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets-lt (#PCDATA)>
<!ELEMENT queue-counters-red-packets-medium (#PCDATA)>
<!ELEMENT queue-counters-red-packets-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-medium-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets-na (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-hn (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-ht (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-ln (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-low (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-lt (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-medium (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-medium-high (#PCDATA)>
<!ELEMENT queue-counters-red-packets-rate-medium-low (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-packets (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-packets-na (#PCDATA)>
<!ELEMENT queue-counters-tail-drop-packets-rate (#PCDATA)>
<!ELEMENT queue-counters-trans-bytes (#PCDATA)>
<!ELEMENT queue-counters-trans-bytes-rate (#PCDATA)>
```



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<!ELEMENT queue-counters-trans-packets (#PCDATA)>
<!ELEMENT queue-counters-trans-packets-rate (#PCDATA)>
<!ELEMENT queue-depth (#PCDATA)>
<!ELEMENT queue-limit (#PCDATA)>
<!ELEMENT queue-number (#PCDATA)>
<!ELEMENT queuing-drops (#PCDATA)>
<!ELEMENT range (#PCDATA)>
<!ELEMENT rcv-lip-addlink (#PCDATA)>
<!ELEMENT rcv-lip-hello (#PCDATA)>
<!ELEMENT rcv-lip-hello-ack (#PCDATA)>
<!ELEMENT rcv-lip-link-ack (#PCDATA)>
<!ELEMENT rcv-lip-link-rej (#PCDATA)>
<!ELEMENT rcv-lip-link-rem (#PCDATA)>
<!ELEMENT rcv-lip-rem-ack (#PCDATA)>
<!ELEMENT receive-bytes (#PCDATA)>
<!ELEMENT receive-frames (#PCDATA)>
<!ELEMENT received-count (#PCDATA)>
<!ELEMENT recent-high-differential-delay (#PCDATA)>
<!ELEMENT red-differential-delay (#PCDATA)>
<!ELEMENT red-differential-delay-action (#PCDATA)>
<!ELEMENT redial-delay (#PCDATA)>
<!ELEMENT redundant-logical-interface-name (#PCDATA)>
<!ELEMENT remote-mrru (#PCDATA)>
<!ELEMENT removed-bundle-links (#PCDATA)>
<!ELEMENT resync-counter (#PCDATA)>
<!ELEMENT resync-history (resync-counter | resync-timestamp)*>
<!ELEMENT resync-timestamp (#PCDATA)>
<!ATTLIST resync-timestamp junos:seconds CDATA #IMPLIED>
<!ELEMENT route-rpf-bytes (#PCDATA)>

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```

<!ELEMENT route-rpf-packets (#PCDATA)>

<!ELEMENT route-rpf-statistics (route-rpf-packets | route-rpf-bytes)*>

<!ELEMENT route-table (#PCDATA)>

<!ELEMENT rts (#PCDATA)>

<!ELEMENT rts-polarity (#PCDATA)>

<!ELEMENT rx-cdr-loss-of-lock-alarm (#PCDATA)>

<!ELEMENT rx-cell-count (#PCDATA)>

<!ELEMENT rx-cell-fifo-overruns (#PCDATA)>

<!ELEMENT rx-cell-fifo-underruns (#PCDATA)>

<!ELEMENT rx-clock (#PCDATA)>

<!ELEMENT rx-fe (#PCDATA)>

<!ELEMENT rx-invalid-vcs (#PCDATA)>

<!ELEMENT rx-loss-ac-power-alarm (#PCDATA)>

<!ELEMENT rx-loss-avg-opt-power-alarm (#PCDATA)>

<!ELEMENT rx-loss-of-pll-alarm (#PCDATA)>

<!ELEMENT rx-loss-of-signal-alarm (#PCDATA)>

<!ELEMENT rx-nhid (#PCDATA)>

<!ELEMENT rx-not-ready-alarm (#PCDATA)>

<!ELEMENT rx-sequence-number (#PCDATA)>

<!ELEMENT rx-signal-avg-optical-power (#PCDATA)>

<!ELEMENT rx-signal-avg-optical-power-dbm (#PCDATA)>

<!ELEMENT satop-information (ce-payload-size | ce-idle-pattern | ce-octet-aligned |
ce-jitter-buffer-packets | ce-jitter-buffer-latency | ce-jitter-buffer-auto-adjust |
ce-excessive-packet-loss-rate-sample-period |
ce-excessive-packet-loss-rate-threshold)*>

<!ELEMENT scheduling-priority (#PCDATA)>

<!ELEMENT scu-class-bps (#PCDATA)>

<!ELEMENT scu-class-bytes (#PCDATA)>

<!ELEMENT scu-class-name (#PCDATA)>

<!ELEMENT scu-class-packets (#PCDATA)>

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<!ELEMENT scu-class-pps (#PCDATA)>
<!ELEMENT sdh-alarm-berr-sd EMPTY>
<!ELEMENT sdh-alarm-berr-sf EMPTY>
<!ELEMENT sdh-alarm-hpais EMPTY>
<!ELEMENT sdh-alarm-hpfebe EMPTY>
<!ELEMENT sdh-alarm-hpferf EMPTY>
<!ELEMENT sdh-alarm-hpplm EMPTY>
<!ELEMENT sdh-alarm-hpuneq EMPTY>
<!ELEMENT sdh-alarm-loc EMPTY>
<!ELEMENT sdh-alarm-lof EMPTY>
<!ELEMENT sdh-alarm-lol EMPTY>
<!ELEMENT sdh-alarm-lop EMPTY>
<!ELEMENT sdh-alarm-los EMPTY>
<!ELEMENT sdh-alarm-msais EMPTY>
<!ELEMENT sdh-alarm-msferf EMPTY>
<!ELEMENT sdh-alarm-oof EMPTY>
<!ELEMENT sdh-alarm-pil EMPTY>
<!ELEMENT sdh-alarm-tuais EMPTY>
<!ELEMENT sdh-alarm-tuloc EMPTY>
<!ELEMENT sdh-alarm-tulop EMPTY>
<!ELEMENT sdh-alarm-tumis EMPTY>
<!ELEMENT sdh-alarm-turdi EMPTY>
<!ELEMENT sdh-alarm-tuuneq EMPTY>
<!ELEMENT sequence-number-format (#PCDATA)>
<!ELEMENT sequence-number-missing (#PCDATA)>
<!ELEMENT serial-encoding (serial-encoding-conf)*>
<!ELEMENT serial-encoding-conf (#PCDATA)>

```

<!ELEMENT serial-information (line-protocol | resync-history | clocking-mode |
clocking-rate | serial-encoding | dtr-circuit | eia530-signal-polarity | x21-signal-polarity |
serial-loopback | tx-clock | data-signal | eia530-control-signal | x21-control-signal |
dce-loopback-override)*>
<!ATTLIST serial-information heading CDATA #IMPLIED>

<!ELEMENT serial-loopback (serial-loopback-mode)*>

<!ELEMENT serial-loopback-mode (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>

<!ELEMENT session-id (#PCDATA)>

<!ELEMENT session-uptime (#PCDATA)>

<!ELEMENT shared-interface-information (shared-interface-logical-interface)*>

<!ELEMENT shared-interface-logical-interface (peer-interface-name |
interface-shared-with | rx-fe | rx-nhid | tx-fe | tx-nhid)*>

<!ELEMENT shared-interface-physical-interface (ownership)*>

<!ELEMENT shdsl-alarm-line1-losd EMPTY>

<!ELEMENT shdsl-alarm-line1-losw EMPTY>

<!ELEMENT shdsl-alarm-line2-losd EMPTY>

<!ELEMENT shdsl-alarm-line2-losw EMPTY>

<!ELEMENT shdsl-alarm-losd EMPTY>

<!ELEMENT shdsl-alarm-losw EMPTY>

<!ELEMENT shdsl-annex (#PCDATA)>

<!ELEMENT shdsl-bit-rate (#PCDATA)>

<!ELEMENT shdsl-cell-drop (#PCDATA)>

<!ELEMENT shdsl-chipset-version (#PCDATA)>

<!ELEMENT shdsl-crc (#PCDATA)>

<!ELEMENT shdsl-dying-gasp (#PCDATA)>

<!ELEMENT shdsl-firmware-version (#PCDATA)>

<!ELEMENT shdsl-framer-mode (#PCDATA)>

<!ELEMENT shdsl-framer-sync-status (#PCDATA)>

<!ELEMENT shdsl-hec (#PCDATA)>

```

```
<!ELEMENT shdsl-information (shdsl-line-termination | shdsl-annex | shdsl-line-mode |
shdsl-modem-status | shdsl-bit-rate | shdsl-last-fail-reason | shdsl-last-fail-code |
shdsl-framer-mode | shdsl-dying-gasp | shdsl-framer-sync-status | shdsl-chipset-version |
shdsl-firmware-version | shdsl-statistics)*>
```

```
<!ELEMENT shdsl-last-fail-code (#PCDATA)>
```

```
<!ELEMENT shdsl-last-fail-reason (#PCDATA)>
```

```
<!ELEMENT shdsl-line-mode (#PCDATA)>
```

```
<!ELEMENT shdsl-line-termination (#PCDATA)>
```

```
<!ELEMENT shdsl-loop-attenuation (#PCDATA)>
```

```
<!ELEMENT shdsl-losw (#PCDATA)>
```

```
<!ELEMENT shdsl-modem-status (#PCDATA)>
```

```
<!ELEMENT shdsl-receiver-gain (#PCDATA)>
```

```
<!ELEMENT shdsl-rx-cells (#PCDATA)>
```

```
<!ELEMENT shdsl-sega (#PCDATA)>
```

```
<!ELEMENT shdsl-snr-sampling (#PCDATA)>
```

```
<!ELEMENT shdsl-statistics (shdsl-loop-attenuation | shdsl-transmit-power |
shdsl-receiver-gain | shdsl-snr-sampling | shdsl-rx-cells | shdsl-tx-cells | shdsl-crc |
shdsl-sega | shdsl-losw | shdsl-hec | shdsl-cell-drop)*>
```

```
<!ELEMENT shdsl-transmit-power (#PCDATA)>
```

```
<!ELEMENT shdsl-tx-cells (#PCDATA)>
```

```
<!ELEMENT snmp-index (#PCDATA)>
```

```
<!ELEMENT sonet-alarm-berr-sd EMPTY>
```

```
<!ELEMENT sonet-alarm-berr-sf EMPTY>
```

```
<!ELEMENT sonet-alarm-lais EMPTY>
```

```
<!ELEMENT sonet-alarm-loc EMPTY>
```

```
<!ELEMENT sonet-alarm-lof EMPTY>
```

```
<!ELEMENT sonet-alarm-loi EMPTY>
```

```
<!ELEMENT sonet-alarm-lop EMPTY>
```

```
<!ELEMENT sonet-alarm-los EMPTY>
```

```
<!ELEMENT sonet-alarm-lrldi EMPTY>
```

```
<!ELEMENT sonet-alarm-pais EMPTY>
```

```

<!ELEMENT sonet-alarm-pll EMPTY>

<!ELEMENT sonet-alarm-pmis EMPTY>

<!ELEMENT sonet-alarm-prdi EMPTY>

<!ELEMENT sonet-alarm-rei EMPTY>

<!ELEMENT sonet-alarm-sef EMPTY>

<!ELEMENT sonet-alarm-uneq EMPTY>

<!ELEMENT sonet-alarm-vaiss EMPTY>

<!ELEMENT sonet-alarm-vloc EMPTY>

<!ELEMENT sonet-alarm-vlop EMPTY>

<!ELEMENT sonet-alarm-vmis EMPTY>

<!ELEMENT sonet-alarm-vrdis EMPTY>

<!ELEMENT sonet-alarm-vuneq EMPTY>

<!ELEMENT sonet-errors (media-alarm)*>
<!--ATTLIST sonet-errors junos:style CDATA #IMPLIED-->

<!ELEMENT sonet-line-information (media-alarm)*>
<!--ATTLIST sonet-line-information junos:style CDATA #IMPLIED-->

<!ELEMENT sonet-loopback (#PCDATA)>

<!ELEMENT sonet-mode (#PCDATA)>

<!ELEMENT sonet-path-information (media-alarm)*>
<!--ATTLIST sonet-path-information junos:style CDATA #IMPLIED-->

<!ELEMENT sonet-payload-pointer-curptr (#PCDATA)>

<!ELEMENT sonet-payload-pointer-information (sonet-payload-pointer-curptr |
sonet-payload-pointer-ptrinc-count | sonet-payload-pointer-ptrdec-count |
sonet-payload-pointer-newptr-ndf-count)*>

<!ELEMENT sonet-payload-pointer-newptr-ndf-count (#PCDATA)>

<!ELEMENT sonet-payload-pointer-ptrdec-count (#PCDATA)>

<!ELEMENT sonet-payload-pointer-ptrinc-count (#PCDATA)>

<!ELEMENT sonet-physical-information (media-alarm)*>
<!--ATTLIST sonet-physical-information junos:style CDATA #IMPLIED-->

<!ELEMENT sonet-rx-overhead (#PCDATA)>

<!ELEMENT sonet-rx-path-trace (#PCDATA)>

<!ELEMENT sonet-section-information (media-alarm)*>

```

```

<!ATTLIST sonet-section-information junos:style CDATA #IMPLIED>

<!ELEMENT sonet-tx-overhead (#PCDATA)>

<!ELEMENT sonet-tx-path-trace (#PCDATA)>

<!ELEMENT sonet-vt-information (media-alarm)*>
<!ATTLIST sonet-vt-information junos:style CDATA #IMPLIED>

<!ELEMENT source-class (scu-class-name | scu-class-packets | scu-class-bytes |
scu-class-pps | scu-class-bps)*>

<!ELEMENT source-class-statistics (source-class)*>

<!ELEMENT source-filtering (#PCDATA)>

<!ELEMENT speed (#PCDATA)>

<!ELEMENT sram-errors (#PCDATA)>

<!ELEMENT start-end-flag (#PCDATA)>

<!ELEMENT start-vci (#PCDATA)>

<!ELEMENT state (#PCDATA)>

<!ELEMENT statistics-cleared (#PCDATA)>

<!ELEMENT stp-input-bytes-dropped (#PCDATA)>

<!ELEMENT stp-input-packets-dropped (#PCDATA)>

<!ELEMENT stp-output-bytes-dropped (#PCDATA)>

<!ELEMENT stp-output-packets-dropped (#PCDATA)>

<!ELEMENT stp-traffic-statistics (stp-input-bytes-dropped | stp-output-bytes-dropped |
stp-input-packets-dropped | stp-output-packets-dropped)*>
<!ATTLIST stp-traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT stream-mask (#PCDATA)>

<!ELEMENT stream-number (#PCDATA)>

<!ELEMENT sub-interface-list (sub-interface-name)*>
<!ATTLIST sub-interface-list junos:style CDATA #IMPLIED>

<!ELEMENT sub-interface-name (#PCDATA)>

<!ELEMENT sustained (#PCDATA)>

<!ELEMENT t391 (#PCDATA)>

<!ELEMENT t392 (#PCDATA)>

<!ELEMENT tec-fault-alarm (#PCDATA)>

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<!ELEMENT termination-requests (#PCDATA)>

<!ELEMENT timeouts (#PCDATA)>

<!ELEMENT tm (#PCDATA)>

<!ELEMENT tm-polarity (#PCDATA)>

<!ELEMENT to-dce (dtr | rts | cts | dcd | dsr)*>

<!ELEMENT to-dte (dtr | rts | cts | dcd | dsr)*>

<!ELEMENT total-anti-replay-count (#PCDATA)>

<!ELEMENT total-authentication-failure-count (#PCDATA)>

<!ELEMENT traffic-statistics (input-bytes | output-bytes | input-bps | output-bps |
input-packets | output-packets | input-pps | output-pps | ipv6-transit-statistics)*>
<ATTLIST traffic-statistics junos:style CDATA #IMPLIED>

<!ELEMENT transit-traffic-statistics (input-bytes | output-bytes | input-bps | output-bps |
input-packets | output-packets | input-pps | output-pps | ipv6-transit-statistics)*>

<!ELEMENT transmit-bytes (#PCDATA)>

<!ELEMENT transmit-frames (#PCDATA)>

<!ELEMENT transmit-weight-cells (#PCDATA)>

<!ELEMENT transmit-weight-percent (#PCDATA)>

<!ELEMENT transmitted-count (#PCDATA)>

<!ELEMENT trunk (#PCDATA)>

<!ELEMENT trunk-bandwidth (#PCDATA)>

<!ELEMENT tx-cdr-loss-of-lock-alarm (#PCDATA)>

<!ELEMENT tx-cell-count (#PCDATA)>

<!ELEMENT tx-cell-fifo-overruns (#PCDATA)>

<!ELEMENT tx-clock (tx-clock-mode)*>

<!ELEMENT tx-clock-mode (#PCDATA)>

<!ELEMENT tx-data-not-ready-alarm (#PCDATA)>

<!ELEMENT tx-fe (#PCDATA)>

<!ELEMENT tx-idle-cell-count (#PCDATA)>

<!ELEMENT tx-laser-fault-alarm (#PCDATA)>

<!ELEMENT tx-loss-of-pll-alarm (#PCDATA)>

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<!ELEMENT tx-mux-fifo-error-alarm (#PCDATA)>

<!ELEMENT tx-nhid (#PCDATA)>

<!ELEMENT tx-not-ready-alarm (#PCDATA)>

<!ELEMENT tx-sequence-number (#PCDATA)>

<!ELEMENT type (#PCDATA)>

<!ELEMENT uncorrectable-hcs-errors (#PCDATA)>

<!ELEMENT underlying-interface-index (#PCDATA)>

<!ELEMENT underlying-interface-name (#PCDATA)>

<!ELEMENT unknown-rx-packets (#PCDATA)>

<!ELEMENT unnumbered-family-donor-interface-index (#PCDATA)>

<!ELEMENT unnumbered-family-donor-interface-name (#PCDATA)>

<!ELEMENT unnumbered-family-preferred-source-address (#PCDATA)>

<!ELEMENT up-count (#PCDATA)>

<!ELEMENT up-hold-time (#PCDATA)>

<!ELEMENT vc-cos-mode (#PCDATA)>

<!ELEMENT vc-queue-drops (#PCDATA)>

<!ELEMENT vci (#PCDATA)>

<!ELEMENT vci-range (vpi | start-vci | end-vci)*>

<!ELEMENT virtual-circuit-information (dlci-statistics | vpi | vci | vci-range | trunk |
trunk-bandwidth | dlci | ifvc-flags | ifvc-multipoint-destination | atm-tm-cbr | atm-tm-vbr |
atm-tm-rtvbr | peak | sustained | burst | cdvt | queue-limit | down-time | last-down-time |
ifvc-epd | ifvc-epd-plp0 | ifvc-epd-plp1 | ifvc-weight | oam-parameters | oam-statistics |
traffic-statistics | atm-statistics | atm-cos-information | in-arp-statistics)*>

<!ELEMENT virtual-path-information (vpi | ifvp-flags | atm-tm-cbr | atm-tm-vbr |
atm-tm-rtvbr | peak | sustained | burst | cdvt | queue-limit | down-time | last-down-time |
oam-parameters | oam-statistics | traffic-statistics)*>

<!ELEMENT vlan-id (#PCDATA)>

<!ELEMENT vpi (#PCDATA)>

<!ELEMENT vrfname (#PCDATA)>

<!ELEMENT watch-list (watch-route)*>
<ATTLIST watch-list junos:style CDATA #IMPLIED>

<!ELEMENT watch-route (#PCDATA)>

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<!ELEMENT watchlist EMPTY>

<!ELEMENT wavelength (#PCDATA)>

<!ELEMENT wavelength-unlocked-alarm (#PCDATA)>

<!ELEMENT wrr (#PCDATA)>

<!ELEMENT x21-control-signal (rts | cts)*>

<!ELEMENT x21-signal-polarity (rts-polarity | cts-polarity)*>

<!ELEMENT xmt-lip-addlink (#PCDATA)>

<!ELEMENT xmt-lip-hello (#PCDATA)>

<!ELEMENT xmt-lip-hello-ack (#PCDATA)>

<!ELEMENT xmt-lip-link-ack (#PCDATA)>

<!ELEMENT xmt-lip-link-rej (#PCDATA)>

<!ELEMENT xmt-lip-link-rem (#PCDATA)>

<!ELEMENT xmt-lip-rem-ack (#PCDATA)>

<!ELEMENT yellow-differential-delay (#PCDATA)>