



CHAPTER 27

Modifiers

This chapter describes the modifiers for TL1 commands and autonomous messages for the Cisco ONS 15454 SDH, Cisco ONS 15454 M2, and Cisco ONS 15454 M6, Release 9.4.

27.1 Modifier Support by Platform

Table 27-1 lists the TL1 modifiers supported on the Cisco ONS 15454 SDH platform. The commands which include an angle brackets (< >) as part of the input format are called as Modifiers; for example, RTRV-<STM_TYPE>.



Note

The Modifier supported on the Cisco ONS 15454 SDH is also supported on Cisco ONS 15454 M2 and Cisco ONS 15454 M6 platforms.

Table 27-1 *Modifier Support*

| Modifier | ONS 15454 SDH | ONS 15454 M2 | ONS 15454 M6 |
|-----------------|----------------------|---------------------|---------------------|
| 10GFC | Yes | Yes | Yes |
| 10GIGE | Yes | Yes | Yes |
| 40GIGE | Yes | Yes | Yes |
| 100GIGE | Yes | Yes | Yes |
| 1GFC | Yes | Yes | Yes |
| 1GFICON | Yes | Yes | Yes |
| 2GFC | Yes | Yes | Yes |
| 4GFC | Yes | Yes | Yes |
| 2GFICON | Yes | Yes | Yes |
| 5GIB | Yes | Yes | Yes |
| 8GFC | Yes | Yes | Yes |
| 3GVIDEO | Yes | Yes | Yes |
| AUTO | Yes | Yes | Yes |
| CHGRP | Yes | Yes | Yes |
| D1VIDEO | Yes | Yes | Yes |

Table 27-1 Modifier Support (continued)

| Modifier | ONS 15454 SDH | ONS 15454 M2 | ONS 15454 M6 |
|-----------|---------------|--------------|--------------|
| DS1 | Yes | Yes | Yes |
| DV6000 | Yes | Yes | Yes |
| DVBASI | Yes | Yes | Yes |
| E100 | Yes | Yes | Yes |
| E1000 | Yes | Yes | Yes |
| EC1 | Yes | Yes | Yes |
| FSTE | Yes | Yes | Yes |
| G1000 | Yes | Yes | Yes |
| GIGE | Yes | Yes | Yes |
| HDLC | Yes | Yes | Yes |
| HDSDI | Yes | Yes | Yes |
| HDTV | Yes | Yes | Yes |
| ISC1 | Yes | Yes | Yes |
| ISC3STP1G | Yes | Yes | Yes |
| ISC3STP2G | Yes | Yes | Yes |
| MSISC | Yes | Yes | Yes |
| OC12 | Yes | Yes | Yes |
| OC192 | Yes | Yes | Yes |
| OC3 | Yes | Yes | Yes |
| OC48 | Yes | Yes | Yes |
| OC768 | Yes | Yes | Yes |
| OCH | Yes | Yes | Yes |
| ODU0 | Yes | Yes | Yes |
| OMS | Yes | Yes | Yes |
| OTL | Yes | Yes | Yes |
| OTS | Yes | Yes | Yes |
| OTU1 | Yes | Yes | Yes |
| OTU2 | Yes | Yes | Yes |
| OTU3 | Yes | Yes | Yes |
| OTU4 | Yes | Yes | Yes |
| POS | Yes | Yes | Yes |
| REP | Yes | Yes | Yes |
| SDSDI | Yes | Yes | Yes |
| STS1 | Yes | Yes | Yes |
| STS12C | Yes | Yes | Yes |
| STS192C | Yes | Yes | Yes |

Table 27-1 *Modifier Support (continued)*

| Modifier | ONS 15454 SDH | ONS 15454 M2 | ONS 15454 M6 |
|-----------------|----------------------|---------------------|---------------------|
| STS24C | Yes | Yes | Yes |
| STS18C | Yes | Yes | Yes |
| STS36C | Yes | Yes | Yes |
| STS3C | Yes | Yes | Yes |
| STS48C | Yes | Yes | Yes |
| STS6C | Yes | Yes | Yes |
| STS9C | Yes | Yes | Yes |
| T1 | Yes | Yes | Yes |
| T3 | Yes | Yes | Yes |
| VT1 | Yes | Yes | Yes |

