



# CHAPTER 28

## Modifiers

This chapter describes the modifiers for TL1 commands and autonomous messages for the Cisco ONS 15310-MA, Cisco ONS 15454, Cisco ONS 15454 M2, and Cisco ONS 15454 M6. [Table 28-1](#) details the TL1 modifiers for commands that have carets (< >) in part of their input format; for example, RTRV-<OCN\_TYPE>. A “Yes” in the platform column indicates that a particular modifier is supported in that platform. A “No” in the platform column indicates that a particular modifier is not supported in that platform.



**Note**

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

**Table 28-1**      **Modifier Support**

Modifier	ONS 15454	ONS 15310-MA
10GFC	Yes	No
10GIGE	Yes	No
40GIGE	Yes	No
1GFC	Yes	No
1GFICON	Yes	No
2GFC	Yes	No
2GFICON	Yes	No
5GIB	Yes	No
8GFC	Yes	No
CHGRP	Yes	No
D1VIDEO	Yes	No
DS1	Yes	No
DV6000	Yes	No
DVBASI	Yes	No
E100	Yes	No
E1000	Yes	No
EC1	Yes	Yes
FSTE	Yes	Yes

**Table 28-1** *Modifier Support (continued)*

<b>Modifier</b>	<b>ONS 15454</b>	<b>ONS 15310-MA</b>
G1000	Yes	No
GIGE	Yes	No
HDLC	Yes	No
HDTV	Yes	No
ISC1	Yes	No
MSISC	Yes	No
OC12	Yes	Yes
OC192	Yes	No
OC3	Yes	Yes
OC48	Yes	Yes
OC768	Yes	Yes
OCH	Yes	No
OMS	No	No
OTS	No	No
OTU3	Yes	No
POS	Yes	Yes
REP	Yes	Yes
STS1	Yes	Yes
STS12C	Yes	Yes
STS192C	Yes	No
STS24C	Yes	Yes
STS18C	Yes	No
STS36C	Yes	No
STS3C	Yes	Yes
STS48C	Yes	Yes
STS6C	Yes	Yes
STS9C	Yes	Yes
T1	Yes	Yes
T3	Yes	Yes
VT1	Yes	Yes