Command: ED-OC12

Message category: Memory Administration
Application: Add/Drop, Rings

Definition:

Edit OC12 facility.

Restrictions:

All parameters in this command are position-defined except for the hif6_nblk parameter, which is name-defined.

Function:

To edit provisioning data associated with OC12 facility.

Command Format:

ED-OC12:[tid]:aidoc12:[ctag]::[frc_alcldflt]:[hif6_nblk]:[pst],[sst];

Command Parameters	
PARAMETER	EXPLANATION
[tid]	Identification of the target NE (1...20 characters). The NE SID code is the recommended value. The default value is null.
aidoc12	Access identification code that identifies an OC12 facility. The value can be preceded by AID=, but this is not required. Grouping is allowed. Enter one of the following formats, replacing lowercase parameters with the values given: lgx-oc12s Line group where: lgx = LG1, LG2 oc12s = OC12, OC12A, OC12B ALL All of the above CUSTDFLT Customer-defined defaults
[frc_alcldflt]	Reset customer-defined defaults to Alcatel factory defaults. Valid only when AID=CUSTDFLT. Valid values are: Y Reset N Do not reset If no value is specified, N is assumed.

[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[hif6_nblk]	OC12 facility parameter block. The block is made up of named parameters followed by an equal sign and a selected value. The parameters and their values are defined as follows: ALS = Whether the HIF transmit laser automatically shuts down on detection of a loss of signal at the optical receiver. Not valid for HIF70x. Valid values are: N No automatic shutdown (Alcatel factory default) Y Transmit laser shuts down automatically after 500-600 msec of LOS
	ALSMODE = Laser restart mode after automatic shutdown. Valid values are: AUTO Automatic restart after delay specified by ALSDELAY parameter. If the loss of signal persists for 1.75-2.25 seconds after the restart, the laser shuts down and waits for the period specified by ALSDELAY before trying again. MAN Manual restart. The laser must be restarted with the OPR-LSR command.
	ALSDELAY= Delay time in seconds (60...300) between automatic laser shutdown and automatic restart (if ALSMODE=AUTO)
	AUTOAIS = Automatic Alarm Indication Signal (AIS) insertion for BER 10E-3. Valid values are: N Disabled Y Enabled
	SCNSEL= Section Trace monitoring mode selection. Valid values are: ID Fixed 1 byte ID TR1 Provisionable 1 byte format
	EXPSCNTRC= Expected section trace. The type of the section trace is determined by the value of SCNSEL parameter. Valid value is 0...255 for 1 byte section trace option.
	SCNTRCDATA= Section Access Point Identification Data. Valid value is an integer value in the range of 0...255 for 1 byte section trace option to be converted to a single byte section trace.
	STSPJNPSEL= STS1 selected for Negative and Positive PJC monitoring. Valid value range is 1...12.
[hif6_nblk]	SYNCMSGIN= Whether the synchronization

(cont)	message input is enabled. Valid values are: Y Yes N No
	SYNCMSGOUT= Whether the synchronization message output is enabled, disabled, or not used for synchronization. Valid values are: Y Enabled N Not enabled DU Do not use
	ALWPMREPT= Allow Performance Monitoring Reports by Customer-defined default. Valid for AID of CUSTDFLT only. Valid values are: Y Allow N Do not allow
	ISWAITDELAY= Automatic Service (IS) Wait Delay Time in 15-minute intervals (0...288). A value of 288 is equivalent to 72 hours. A value of 0 inhibits Automatic State transition from OOS-MA to IS, and allows Automatic State transition from OOS-MA-AINS to IS immediately when signal is recovered.
[pst]	Desired primary state (condition) of the object entity. Null means no change to the current value. A customer-defined default cannot be specified. Valid values are: IS In-Service (normal -NR, or abnormal -ANR is implied and determined by the NE) OOS Out-Of-Service (out-of-service due to provisioning memory-administration operations is implied) MA Memory Administration (OOS-MA is implied) MT Maintenance (OOS-MT is implied)
[sst]	Secondary state to be activated (or stay active). Valid values are: AINS Automatic In Service (controllable). Automatic transition into "in-service" is allowed. (For certain types of objects, the circuit packet plugged-in event may cause the object to change automatically from MA-AS to an in-service state, provided the object is already assigned with appropriate attributes.) AINS-DEA Activate AINS state

Response Format:

Acknowledgment:

If, in less than two seconds, a normal or error response cannot be sent, the following acknowledgment response is sent:

```
IP <ctag>
```

After the above response, a new command input may be generated.

Normal Response:

```
    sid yy-mm-dd hh:mm:ss
M   c COMPLD
    /* ED-OC12:[tid]:aidoc12:[ctag]:::[hif6_nblk]:[pst],[sst] */
;
```

Error Response:

```
    sid yy-mm-dd hh:mm:ss
M   c DENY
    /* ED-OC12:[tid]:aidoc12:[ctag]:::[hif6_nblk]:[pst],[sst] */
;
```

Response Parameters	
PARAMETER	EXPLANATION
sid	Source NE identification
yy-mm-dd	Year (2 digits), month, and day
hh:mm:ss	Hour (00...23), minute, and second
M	Message generated in response to an input command
c	If provided, ctag, otherwise 0
COMPLD	Completed
DENY	Input command is denied
/* */	Enclosed are human readable comments - unspecified format
errcde	Error code (See Appendix C)

Example:

Enable automatic laser shutdown for the line group 2 OC12 facility (sides A and B) with automatic restart after an 80-second delay. Also, place facilities back into service (*pst* = IS), which assumes facilities' primary states were previously edited to OOS-MA.

ED-OC12:RAL:LG2-OC12:66:::ALS=YES,ALSMODE=AUTO,ALSDELAY=80:IS;

```
    RAL 99-11-04 12:10:23
M   66 COMPLD
    /* ED-OC12:RAL:LG2-OC12:66:::ALS=YES,ALSMODE=AUTO,ALSDELAY=80:IS */
;
```

GENERAL NOTES:

If OC12 facility is or will be transporting any STS3C payload, only the first STS1 entity within the

STS3C may be selected for pointer justification count (STSPJNPSEL parameter):
STSPJNPSEL = 1 for LGx-STS3C-1 (STS1s 1...3)
STSPJNPSEL = 4 for LGx-STS3C-4 (STS1s 4...6)
STSPJNPSEL = 7 for LGx-STS3C-7 (STS1s 7...9)
STSPJNPSEL = 10 for LGx-STS3C-10 (STS1s 10...12)

Related Commands:

DLT-OC12
ED-FFP-OC12
ENT-OC12
OPR-LSR
RTRV-FFP-OC12
RTRV-OC12