Command: OPR-LPBK-T3

Message category: Network Maintenance
Application: Add/Drop, Rings

Definition:

Operate loopback test on a DS3.

Restrictions:

All parameters in this command are position-defined. A DENY response is generated if certain criteria are not met (see General Notes). Legal parameter combinations are contained in Table F.

Table F. Valid Combinations for T3 Loopback Commands

LOCN	ORGN	LPBKTYPE	DESCRIPTION
NEND	NEND	TERMINAL	Looped inward toward VSCC
NEND	FEND	FACILITY	Looped outward toward coax (facility)
FEND	NEND	FACILITY	Send FEAC activate code on DS3 facility (DS3 FMT=CBIT only)

Function:

To operate a loopback test on DS3 facility.

Command Format:

OPR-LPBK-T3:[tid]:aidt3:[ctag]::[locn],[orgn],,[lpbktype];

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.
aidt3	Access identification code that identifies a DS3 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: dgx-T3-ds3port DS3 drop group where: dgx = DG1, DG2, DG3

	ds3port = 1...4
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[locn]	Location where the loopback test occurs. Valid values are: FEND Far end NEND Near end (Alcatel factory default)
[orgn]	Origin of the signal to be looped back. Valid values are: FEND Far end NEND Near end (Alcatel factory default)
[lpbktype]	Point at which signal is looped back. Valid values are: FACILITY At the facility TERMINAL At the terminal (Alcatel factory default)

Response Format:

Acknowledgment:

If, in less than 2 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
    /* OPR-LPBK-T3:[tid]:aidt3:[ctag]::[locn],[orgn],,[lpbktype] */
;
```

Error Response:

```
    sid yy-mm-dd hh:mm:ss
M  c DENY
    /* OPR-LPBK-T3:[tid]:aidt3:[ctag]::[locn],[orgn],,[lpbktype] */
    errcde
;
```

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 E C)

Example:

Operate a facility loopback test on DS3 in drop group 2, toward the facility.
OPR-LPBK-T3:RALGH:DG2-T3-1:45::NEND,FEND,,FACILITY;

```
   RALGH 99-11-24 12:50:30
M  45 COMPLD
   /* OPR-LPBK-T3:RALGH:DG2-T3-1:45::NEND,FEND,,FACILITY */
;
```

GENERAL NOTES:

The following criteria must be met to use the OPR-LPBK-T3 command, or a DENY error response is generated:
- *The specified DS3 facility must be OOS-MT*

- *No current CONN-TEST-T3 nor CONN-TEST-T1 (TMUX)*

- *No diagnostics on child VT1 (TMUX)*

- *No current loopback on T3 or child T1 (TMUX)*

- *No current service-affecting diagnostics on parent equipment*

When loopback is in effect, the appropriate condition type information is included in the response to the RTRV-COND-T3 command.
The RLS-LPBK-T3 command is used to release the loopback.

Related Commands:

[RLS-LPBK-T3](#)
[RMV-T3](#)
[RST-T3](#)