Command: RTRV-TH-OC12

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

Definition:

Retrieve threshold on OC12.

Restrictions:

All parameters in this command are position-defined.

Function:

To retrieve the OC12 facility threshold level(s).

Command Format:

RTRV-TH-OC12:[tid]:aidoc12:[ctag]::[monoc12th],,[tmper];

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-OC12 Line group OC12 facility where lgx = LG1, LG2 ALL All OC12 facilities CUSTDFLT Customer-defined defaults ALCLDFLT Alcatel factory defaults
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[monoc12th]*	OC12 performance monitoring type. The value can be preceded by MONTYPE=, but this is not required. Valid values are: BERL-LT Bit error ratio line - low threshold crossed BERL-HT Bit error ratio line - high threshold crossed CVL Coding violation count -

	line CVS Coding violation count - section
	DSESL Number of coding violations which constitute an SESL DSESS Number of coding violations which constitute an SESS ESL Errored seconds in the Line ESS Errored seconds in the Section SEFS Severely errored framing seconds - OOFS/COFAS SESL Severely errored seconds in the Line SESS Severely errored seconds in the Section UASL Unavailable seconds in the Line
[tmper]*	Duration of performance monitoring. Does not apply to BERL-LT or BERL-HT. Valid values are: 1-DAY One day 15-MIN Fifteen minutes
A null entry defaults to all values for this parameter.	

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
    /* RTRV-TH-OC12:[tid]:aidoc12:[ctag]::[monoc12th],,[tmper] */
    "aidoc12,aidtype:monoc12th,,,thlev,[tmper]"
;
```

Error Response:

```
    sid yy-mm-dd hh:mm:ss
M   c DENY
    /* RTRV-TH-OC12:[tid]:aidoc12:[ctag]::[monoc12th],,[tmper] */
    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 C)
aidoc12	As described for command parameters except the ALL value is invalid.
aidtype	Type of aid; in this case, it is OC12.
monoc12th	As described for command parameters
thlev	Performance monitoring threshold level. See SET-TH-OC12 for threshold ranges and defaults.
tmper	As described for command parameters

Example:

Retrieve the line group OC12 performance monitoring threshold level of SESS for the 15-minute time period.

RTRV-TH-OC12:RALGH:LG2-OC12:55::SESS,,15-MIN;

```
   RALGH 99-11-24 12:50:30
M  55 COMPLD
   /* RTRV-TH-OC12:RALGH:LG2-OC12:55::SESS,,15-MIN */
   "LG2-OC12,OC12:SESS,,,1766,15-MIN"
;
```

Related Commands:

INIT-REG-OC12	RTRV-PM-OC12	SET-PMMODE-OC12
RTRV-ALM-OC12	RTRV-PMMODE-OC12	SET-TH-OC12