

## Command: RTRV-FFP-OC12

Message category: Memory Administration

Application: Add/Drop, Rings

### Definition:

Retrieve facility protection for OC12.

### Restrictions:

All parameters in this command are position-defined.

### Function:

To retrieve provisioning data associated with OC12 facility protection switch.

### Command Format:

**RTRV-FFP-OC12:[tid]:aidoc12:[ctag][:::,];**

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 OC12 facility where lgx = LG1, LG2 ALL All OC12 facilities CUSTDFLT Customer-defined default ALCLDFLT Alcatel factory default
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.

### 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-FFP-OC12:[tid]:aidoc12:[ctag] [::::,] */
"aidoc12ab:[ffp_nblk]"
;
```

## Error Response:

```
sid yy-mm-dd hh:mm:ss
M c DENY
/* RTRV-FFP-OC12:[tid]:aidoc12:[ctag] [::::,] */
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 <a href="#">Appendix C</a> )
aidoc12ab	As described for command parameters, with side A/B specified
ffp_nblk	Named parameter block for facility protection. The block consists of the following parameters in any order, separated by commas. Each parameter name is followed by an equal sign and a valid value. SWDIRN= Direction of automatic protection switch. Values are: UNI Unidirectional (side A is preferred ) BI Bidirectional RVRTV= Revertive switching mode. Values are: N Nonrevertive Y

	Revertive RVTWTR= Revertive wait to restore delay in minutes. This parameter is in effect only when revertive switching mode is enabled. Valid values are 5...12. Database default is 5.
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## Example:

Retrieve OC12 line group 2 FFP provisioning information.

**RTRV-FFP-OC12:RALGH:LG2-OC12:99;**

RALGH 99-11-27 16:54:03

M 99 COMPLD

/\* RTRV-FFP-OC12:RALGH:LG2-OC12:99 \*/

"LG2-OC12A:SWDIRN=UNI,RVRTV=Y,RVTWTR=5"

"LG2-OC12B:SWDIRN=UNI,RVRTV=Y,RVTWTR=5"

;

## Related Commands:

[DLT-OC12](#)

[ED-FFP-OC12](#)

[ENT-OC12](#)