

Command: RTRV-COND-COM

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

Definition:

Retrieve condition of common equipment/NE.

Restrictions:

All parameters in this command are position-defined.

Function:

To retrieve the current condition of the common equipment or network element (NE) alarm indicators.

Command Format:

RTRV-COND-COM:[tid]:aidcom:[ctag]::[condcom][,,,];

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.
aidcom	Access identification code that identifies a common equipment unit or NE. The value can be preceded by AID=, but this is not required. Grouping is allowed. The value is COM.
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[condcom]	Condition type of the common equipment or NE. The value can be preceded by CONDTYPE=, but this is not required. Grouping is allowed. Valid values are: ACOACTION ACO activated (either by SE2A or pushbutton) ACOELD Alarm cut-off delayed
[condcom] (cont)	ACOIMED Alarm cut-off immediate ACOMAN Alarm cut-off manual ADM NE type: add-drop multiplexer CNFGRNERR Rings configuration error CONFIG Configuration error (upgrade)

	EQPTMA Assigned Equipment Entity is OOS-MA
	FA Fuse alarm
	FACMA Assigned Facility Entity is OOS-MA
	<p>FANALM Fan alarm detected INHMSG Automatic messages of all notification code to OS inhibited INHMSG-CR Automatic messages of critical notification code to OS inhibited INHMSG-MJ Automatic messages of major notification code to OS inhibited INHMSG-MN Automatic messages of minor notification code to OS inhibited INHMSG-NA Automatic messages of no alarm notification code to OS inhibited LINEAR NE supports linear operation only (you may see this if you have ring software and your ring provisioning is not complete)</p> <p>LOGBUFR90-SECURITY Security log buffer is 90% full</p> <p>LOGBUFR90-SYSTEM System log buffer is 90% full</p> <p>LOGBUFROVFL-SECURITY Security log buffer is in overflow</p> <p>LOGBUFROVFL-SYSTEM System log buffer is in overflow</p>
	<p>PATHMA Cross connected VT/STS path is OOS-MA PROGVER Program version error</p> <p>PWRF-48VA - 48V fuse A fail PWRF-48VB - 48V fuse B fail</p>
[condcom] (cont)	<p>RING NE supports both linear and ring operation RING1 All ring paths on RING1 RING2 All ring paths on RING2 RINGBOTH Ring paths on both RING1 and RING2 TM NE type: terminal multiplexer SECU-INTRU Security intrusion alert SWDL Automatic or manual download in progress</p>
	SYNCMA Provisioned NE/Bits Synch entity is OOS-MA
	VTGRP NE is using grouped VT1 path numbering format
	VTSEQ NE is using sequential VT1 path numbering format
	<p>PRIDBLIMIT-xxx Primary database limit WKGDBALLOC-xxx Working database allocation where: xxx = 0...999</p>

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-COND-COM:[tid]:aidcom:[ctag]::[condcom][,,,] */
  "aidcom,aidtype:ntfcncde,condcom,srveff,,,,,[conddescr]:[aiddet]"
;
```

Error Response:

```
sid yy-mm-dd hh:mm:ss
M c DENY
/* RTRV-COND-COM:[tid]:aidcom:[ctag]::[condcom][,,,] */
  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)
aidcom	As described for command parameters
aidtype	Type of access identifier (aid). In this case, it is COM.
ntfcncde	Notification code associated with a signal alarm condition. Valid values are: CR Critical alarm MJ Major alarm MN Minor

	alarm NA Not alarmed, reported via report event NR Not reported when the event occurs, information retained in NE
condcom	As described for command parameters
srveff	Effect on service caused by the alarm condition. The value can be preceded by SRVEFF=, but this is not required. Valid values are: SA Service-affecting condition. Immediate action required. NSA Non-service-affecting condition
conddescr	Description of the trouble (1...62 characters)
aiddet	Supplementary equipment identification that identifies the location of the reported trouble. Valid values are A, B, AB.

Example:

Retrieve ACOIMED condition on the common equipment.

```
RTRV-COND-COM:RALGH:COM:40::ACOIMED;
    RALGH 99-11-25 13:12:35
M  40 COMPLD
/* RTRV-COND-COM:RALGH:COM:40::ACOIMED */
"COM,COM:NA,ACOIMED,NSA,,,,,: "
;
```

Related Commands:

[RTRV-ALM-COM](#)
[RTRV-ATTR-COM](#)
[SET-ATTR-COM](#)