

## Command: RTRV-HDR

Message category: System Maintenance

Application: Add/Drop, Rings

### Definition:

Retrieve NE header.

### Restrictions:

All parameters in this command are position-defined. The engineering release is omitted if its value is zero. The *swver* is provided only when the *pc* parameter is included.

### Function:

To retrieve the NE header information ( *tid* ). The user does not have to be logged on to enter this command and receive a response.

### Command Format:

RTRV-HDR:[tid]::[ctag]:::[pc];

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.
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[pc]	Privilege code. The only valid value is PC. If this value is specified, additional response parameters are displayed.

### 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 (with pc omitted):

```
sid yy-mm-dd hh:mm:ss
M c COMPLD
/* RTRV-HDR:[tid]::[ctag]:::[pc] */
;
```

### Normal Response (with pc included):

```
sid yy-mm-dd hh:mm:ss
M c COMPLD
/* RTRV-HDR:[tid]::[ctag]:::[pc] */

"[tid],[adstid],[model],[netype],[ntfcncde],[srveff],[psid],[swver]"
;
```

### Error Response:

```
sid yy-mm-dd hh:mm:ss
M c DENY
/* RTRV-HDR:[tid]::[ctag]:::[pc] */
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> )
adstid	Site identification (1...20 characters) for administration domain
model	NE model. Displayed only when the pc parameter is specified. The value is 1603SM.
netype	Network element type. Displayed only when the pc parameter is included. Values are:

	ATM12 Add/drop, linear, rings, and ATM functionality
ntfcncde	Notification code associated with a signal alarm condition. Displayed only when the pc parameter is specified. Values are: CR Critical alarm MJ Major alarm MN Minor alarm
srveff	Effect on service caused by the alarm condition. Values are: SA Service-affecting condition. Immediate action required. NSA Non-service-affecting condition
psid	Password identification encrypted key (1...11 characters). Displayed only when the pc parameter is specified. See General Notes.
swver	Unit revision level of current software load (9 characters). Values are: Txx.yy.zz where: T = E (Engineering, not released), R (Released), F (First office application), P (Preliminary) xx = major release number yy = intermediate release number zz = build identification (ID)

## Example:

Retrieve the header information.

**RTRV-HDR:RALGH::A01:::PC;**

```

RALGH 99-11-26 14:10:44
M A01 COMPLD
/* RTRV-HDR:RALGH::A01:::PC */
"RALGH, RALGH, 1603SM, ATM12, MN, NSA, 72KR3F064TW, R09.00.00"
;
```

## GENERAL NOTE:

*If the System Administrator's (superuser's) password is not known, retrieve the encrypted password key (psid). Call the Alcatel Technical Assistance Center (TAC) with the key. The TAC can decipher the key and provide a UID for the superuser to log on (with [ACT-USER](#) command). Doing so resets the system PID to the factory default value, which should be changed immediately with the [ED-SECU-PID](#) command.*

### Related Commands:

None

