



DDM-2000 OC-12 Regenerator System Commands

HELP

? (help)

obtain command/parameter list

SPECIAL CHARACTERS

At-sign (@) - erases an input line.

Backspace [[^]H **Ctrl** h (Ctrl h)] or underbar () - erases a character.

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CANcel or DELete - aborts a command

MISCELLANEOUS

init-pm:reg=xxx

initializes all current day and all qtr. hr. pm registers
reg=register being initialized (day, qh, or all)

init-sys:address (Caution)

initializes data to factory values
address=all slots or SYSCTL (all or systcl)

ins-prog:tid

install new program to SYSCTL
tid=shelf name up to 20 alphanumeric characters

logout

ends CIT session

opr-aco

silence audible alarms

reset

restarts shelf software program

upd (Caution)

updates system database

RETRIEVE

rtrv-alm:[address]:[alm=aa]

displays report of alarms and status
address=slot or channel
alm=alarm level being reported

rtrv-attr-alm (Release 2)

displays current alarm attributes (almdel, clrdel, pmn)

rtrv-eqpt:[address]

displays equipage and version information
address=slot(s)

rtrv-hsty

displays most recent events

rtrv-ign

displays login authorization information

rtrv-link

displays CIT link, baud rate, and page length

rtrv-ne

displays network element information (see set-ne)

rtrv-oc12:[address] (Release 2)

displays OC-12 line configuration
address=OC-12 line address

rtrv-pm-line:[address] (Release 2)

PM STS-12 line status report
address=OC-12 line(s)

rtrv-pm-sect:[address]

PM OC-12 optics and STS-12
section status report
address=OC-12 line(s)

rtrv-pm-tca

PM threshold-crossing alert (TCA) report

rtrv-pmthres-line (Release 2)

OC-12 line PM threshold report

rtrv-pmthres-sect

OC-12 section PM threshold report

rtrv-secu

CIT and DCC port security information

SET

set-attr-alm:[almdel=nn][clrdel=nn]

sets alarm delay and clear delay
almdel=alarm delay in seconds (00-30)
clrdel=alarm clear delay in seconds (00-30)

set-date:[date=yymmdd][time=hhmmss]

sets date and time
date=year, month, and day
time=hour, minute, and second

set-ign:act=action

enters, edits, and deletes logins and passwords
act=enter, edit, or delete

set-link:pg=nnn

sets vertical page size
pg=page size in lines (3-150)

set-ne:tid:gne=x

sets target identifier (name) of system
tid=shelf name up to 20 alphanumeric characters
gne=gateway network element (yes or no)

set-oc12:address:dgr=n (Release 2)

sets BER threshold of OC-12 line pair
address=OC-12 line pair (main-b)
dgr=degrade threshold (-9 to -5)

set-passwd:

changes a user's password

set-pmthres-line: [qhb2cvoc12=nnnn][dayb2cvoc12=nnnnn]
 [,qhb2es=nnn][dayb2es=nnnnn][qhb2esa=nnn]
 [,dayb2esa=nnnnn][qhb2esb=nnn][dayb2esb=nnnnn]
 [,qhb2ses=nn][dayb2ses=nnnn][qhb2uas=nn]
 [,dayb2uas=nnnn] (Release 2)

sets performance parameter thresholds of OC-12 line(s)

qhb2cvoc12=coding violations count (qtr. hr.)

dayb2cvoc12=coding violation count (daily)

qhb2es=errored second (ES) count (qtr. hr.)

dayb2es=ES count (daily)

qhb2esa=ES type A count (qtr. hr.)

dayb2esa=ES type A count (daily)

qhb2esb=ES type B count (qtr. hr.)

dayb2esb=ES type B count (daily)

qhb2ses=severely ES count (qtr. hr.)

dayb2ses=severely ES count (daily)

qhb2uas=unavailable second count (qtr. hr.)

dayb2uas=unavailable second count (daily)

set-pmthres-sect: [laserbias=n] [,qhsefs=nn]

[,daysefs=nnnn]

sets performance parameter thresholds of
 OC-12 section

laserbias=laser bias [enabled, disabled (0)]

qhsefs=severely errored frame second (qtr. hr.)

daysefs=severely errored frame second (daily)

set-secu: address:sec=security:to=timeout

enables or disables CIT security on CIT

address=cit-{1,2,all}

sec=enable or disable security on CIT and DCC port(s)

to=timeout of inactive session on CIT

TEST

test-alm: [md=mode][,r=nn]

tests office alarms

md=office alarm to test (all, cr, mj, or mn)

r=number of times (1-10) to repeat test

test-led: [address:][,r=nn]

tests shelf LEDs

address=slot or user panel

r=number of times (1-10) to repeat test

test-sysctl

self test of SYSCTL

test-tlm-par: [md=mode][,r=nn]

tests parallel telemetry outputs

md=parallel telemetry output

r=number of times (1-10) to repeat test

test-tlm-ser: [d=n][,p=p][,r=nn]

tests serial telemetry outputs

d=TBOS display being used

p=TBOS display point(s) to be tested

r=number of times (1-10) to repeat test

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** Caution! Execution of this command may affect service.*