DDM-1000 SYSTEM COMMANDS JOB AID

COMMANDS	FUNCTION
REPORTS	
rept-fail:s=x e=y	lists: sig, pack, incoming, DS2 fails
rept-fail-all:s=x e=y	summary of: fail-dsx, -l6mb, -fiber, -pack
rept-fail-dsx:m=c s=x e=y hs | ls=r	specific HS or LS dsx failure information
rept-fail-l6mb:s=x e=y	DS2 groups with local (L6MB) loss of frame
rept-fail-fiber:s=x e=y	SRV and PROTN lightwave failures
rept-fail-pack:s=x e=y common | hs | ls	"common" = PROCR, TLM, PWR pack fails "hs" = specific HS pack fails "ls" = specific LS fails
rept-hsty:s=x e=y	lists the last 30 events
rept-opt-shelf:s=x e=y	general terminal information
rept-opt-dsx:m=c s=x e=y ds3 | ls=r	"ds3" = HS mon & alm information "ls" = LS coding, mon thres & alm information
rept-opt-lsprotn:s=x e=y ls=r	LS protn priority/group information
rept-opt-pack:s=x e=y common | hs	"common" = PROCR, TLM, PWR pack info "hs" = HS pack information
rept-opt-pack:m=c s=x e=y ls	specific LS pack information
rept-stat-protn:m=c s=x e=y	lock, loop and protn status
SET	
set-dsx-alm:m=c s=x e=y no | mn | mj | cr ds3	sets type of alarm for HS failures
set-dsx-alm:m=c s=x e=y no | mn | mj | cr ls=r-t	sets type of alarm for LS failures
set-dsx-code:m=c s=x e=y no | ami | b8zs ls=r-t	See ***Caution***. sets type of coding for LS packs
set-dsx-l6mb:m=c s=x e=y led | no | mn | mj | cr	sets indication of loss of all 7 l6mb
set-dsx-mon:m=c s=x e=y no | yes-high | yes-low ds3	sets the HS monitor threshold
set-dsx-mon:m=c s=x e=y no | yes-high | yes-low ls=r-t	sets the LS monitor threshold
set-frm-ds3u1:s=x e=y no | yes	allows DS3U1 to accept or not accept framed signal
set-lsprotn-gr:m=c s=x e=y no | 8 | 9 | 8+9 ls=r	specifies protn pack for working packs
set-lsprotn-prior:m=c s=x e=y low | high ls=r	sets protn sw priority for LS packs
set-shelf-almdel:s=x e=y d=z	sets alarm delay (0-30 seconds)
set-shelf-autolock:s=x e=y p=n i=t l=d	sets no. of protn sw before autolock to protn
set-shelf-fbrth:s=x e=y t=v	sets incoming lightwave sw threshold
set-shelf-fecom:m=c s=x e=y no | yes	sets far end communications
set-vmr-ds3u1:s=x e=y no | yes	enables or disables DS3U1 VMR

PARAMETER DEFINITIONS

ami	override DIP sw selected coding with ami
b8zs	override DIP sw selected coding with b8zs
common	identifies info for PROCR, TLM, PWR packs
cr	critical alarm raised for failures
ds3	identifies ds3 signal for command
d=z	for **SET-SHELF**: amount alarm delay (z=0-30)
e=y	identifies system end, y=n (near) or f (far)
high	specifies circuit has high sw priority
hs	identifies info for HS packs
i=t	sets number of 10-minute intervals (t=1-144)
l=d	sets length of lock holding period (d=1-24 hr.)
led	identify l6mb with MXR LED only
low	specifies circuit has low sw priority
ls	identifies info for LS packs
ls=r	identifies LS group (r=1-7)
ls=r-t	identifies LS group (r=1-7) - chan (t=1-4)
m=c	identifies muldem (c=a or b or ab)
mn	minor alarm is raised for failures
mj	major alarm is raised for failures
no	For set-frm-ds3u1, specifies DS3U1 accepts unframed signal. For set-vmr-ds3u1, specifies parity errors pass unaltered and uncorrected. For other, PROCR won't: mon, alm, override, protect, communicate with far end.
p=n	sets number of protn switches (n=3-7)
s=x	identifies shelf (x=1-8)
t=v	lightwave sw threshold (v=3-8)
yes	For set-frm-ds3u1 specifies DS3U1 accepts framed signal. For set-vmr-ds3u1, specifies parity errors be corrected. For other, PROCR will communicate with far end.
yes-high	monitor threshold to be set high (10^{-3})
yes-low	monitor threshold to be set low (10^{-6})
8	use slot 8 to protect this pack
9	use slot 9 to protect this pack
8+9	use slot 8 or 9 to protect this pack

Vertical bar (\|) between parameters means "or"

Caution: This command may be service affecting. If optional parameters are not set properly, the default values may cause service interruption.

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COMMANDS	FUNCTION
HELP	
help:or h: or ?:	obtain command/parameter list
EXECUTE	
exct-aco:s=x e=y	silence audible alarms
exct-clear-fail:s=x e=y	speeds up failure restoration
exct-lock-hs:m=c s=x e=y make | break	make or break HS protn lock
exct-lock-ls:m=c s=x e=y make | make=z | break | break=z	make or break LS protn lock
exct-loop-ds3u1:m=c s=x e=y make | break	See ***Caution.*** Make or break DS3 loop
exct-loop-ls:m=c s=x e=y make | break	See ***Caution***. make or break LS loop, all channels
exct-loop-ls:m=c s=x e=y make=r-t | break=r-t	See ***Caution***. make or break LS loop, specific grp-chan
exct-reset:s=x e=y	See ***Caution***. completely resets processor
exct-rst:s=x e=y	updates processor equipment list
exct-sw-hs:m=c s=x e=y make | break	See ***Caution***. make or break HS switch
exct-sw-ls:m=c s=x e=y make=z | break	See ***Caution***. make or break LS switch
TEST	
test-alm:s=x e=y i=z	test office alarms
test-auto-turnup:m=c s=x e=y local | lsdsx | system	See ***Caution***. "local" tests trans. paths within shelf "lsdsx" tests cabling to DSX-1, DSX-1C (not DSX-2) "system" tests operation end-to-end
test-ins+mon:m=c s=x e=y ls=r-t d=z	See ***Caution***. inserts and monitors LS test signals
test-led:s=x e=y	tests all LEDs at the same time
test-led:m=c s=x e=y i=z	tests LEDs one at a time
test-procr:s=x e=y	tests EPROM, EEPROM, and RAM
test-tlm:s=x e=y i=z	tests parallel tlm alm/status points

PARAMETER DEFINITIONS

break	takes down a lock or switch (or all LS loops)
break=z	takes down a specific lock (z=1-9)
break=r-t	takes down loop, specific grp (r=1-7) - chan (t=1-4)
d=z	for **TEST-INS+MON**:z=mux (xmit) or demux (rec)
e=y	identifies system end, y=n (near) or f (far)
i=z	for **TEST-ALM:** z=no, cr, mj, mn, pmn, off
i=z	for **TEST-LED:** z=cr, mj, mn, pmn, aco, ne, fe, abn, procr, tlm, pwr, srv-oliu, protn-oliu, srv-mxr, protn-mxr, srv-ds3u, protn-ds3u, ls-1 to 9, off
i=z	for **TEST-TLM:** z=cr, mj, mn, pmn, ne, fe, clf, hs, ls, inc, sid, oht 1 to 15, off
local	identifies test as local
lsdsx	identifies test as LS x-connect test
ls=r-t	identifies LS grp (r=1-7) - chan (t=1-4)
m=c	identifies muldem, c=a or b or ab
make	puts up a lock or switch (or all LS loops)
make=r-t	puts up LS loop, grp (r=1-7) - chan (t=1-4)
make=z	puts up specific lock or switch z=1-9
system	identifies test as a system test
s=x	identifies shelf x=1-8

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