

TO: Distribution
FROM: Peter B. Kelley
DATE: July 10, 1974
SUBJECT: Installation of MSS 23.13

The hardcore system MSS 23.13 was installed at 0815 on Wednesday, July 10, 1974. This system includes: a new tape_ which allows long records to be written and read and supports the MTS 500 tape drives and 1600 BPI density; a new EIS version of formline_; a change to the cleanup handler for dc_pack; a new printer DIM which allows printing through the perforations on output; a modification to the status_ primitive to return segment attributes; and, several bug fixes. The system libraries were updated at 1526 on Wednesday, July 10, 1974.

I. System Change Log

<u>Chng MCR</u>	<u>Change</u>
# 1321 007	Modification to tape_ to allow long (1024) records to be written and read, and, supports the MTS 500 tape drives and 1600 BPI density, plus several bug fixes.
# 1322 350	A new EIS version of formline_ which fixes all outstanding bugs.
# 1323 499	Changes the cleanup handler for dc_pack to have the correct size when zeroing system_free_seg.
# 1324 031	New printer DIM which allows printing through the perforations on output.
# 1325 546	Modified the status_ primitive to return segment attributes (effective access and lengths) if user has non-null access to a segment but has null access on parent and parent's parent.
# 1326 639,640	Fixes a bug which allowed the MDS 2400 to confuse ring zero tty_dim which resulted in 355 crashes.

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MULTICS INSTALLATION BULLETIN

I. System Change Log (continued)

Chng MCRChange

1327 - Increases line length of ASCII-type terminals from 78 to 79, and fixes problem associated with resetting datasets after they've communicated with some other kind of terminal besides an ARDS.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
check_priv_access_.pl1	bound_tape_	D 1321
convert_ipc_code_.pl1	bound_ipc_	A 1321
dc_pack.pl1	bound_file_system	R 1323
error_table_.et	-	R 1321
formline_.alm	bound_sss_wired_	R 1322
hcs_.mexp	-	R 1324
printer_dcm.pl1	bound_iom_active	R 1324
printer_init.pl1	bound_io_init	R 1324
printer_status.pl1	bound_iom_wired	R 1324
prt_300_conv.alm	bound_iom_active	R 1324
prt_ccnv.alm	bound_iom_active	R 1324
status_.pl1	bound_system_faults	R 1325
tape_.alm	bound_tape_	R 1321
tape_attach_.pl1	bound_tape_	A 1321
tape_detach_.pl1	bound_tape_	A 1321
tape_dim_data_.alm	bound_tape_	A 1321
tape_labeler_.pl1	bound_tape_	A 1321
tape_mount_label_.pl1	bound_tape_	D 1321
tape_read_.pl1	bound_tape_	A 1321
tape_util_.pl1	bound_tape_	R 1321
tape_write_.pl1	bound_tape_	A 1321
tape_xmt_.pl1	bound_tape_	D 1321
tape_xtach_.pl1	bound_tape_	D 1321
tty_ctl.ioc	-	R 1327
tty_inter.pl1	bound_iom_wired	R 1326
tty_write.pl1	bound_tty_active	R 1326
<u>Include Files</u>		
mstd.incl.pl1		A 1321
prtseg.incl.alm		A 1324
prtseg.incl.pl1		R 1324
tape_temp_seg.incl.pl1		A 1321