

TO: Distribution
 FROM: Peter B. Kelley
 DATE: August 28, 1974
 SUBJECT: Installation of MSS 23.16

The hardcore system MSS 23.16 was installed on Wednesday, August 28, 1974 at 0900. This system includes: a change to the locking code in `init_sst`; fixed bug in `tty_inter`; fixes crecho bug; changes default line length of Model 38 TTY to 132; makes `terminate_proc` call `tty_unlock` to unlock locked per-process locks; changes `parity_fault` to log history register data for op-not-complete faults; changes all calls in `tape_` from calls to `hcs_` to calls to `tdcm_`; fixes bug in `tape_detach_`; deletes set file protect issued when doing a reload + unwind; fixes PE Burst bug; fixes bug in `ii` which was incorrectly laying down a stack frame; fixes security bug in `restart_fault`; fixes negative one pages in core bug; and, adds several error table entries. The system libraries were updated at 1523 on Wednesday, August 28, 1974.

I. System Change Log

Chng MCR

Change

- # 1342 687 Change locking code in `init_sst`.
- # 1343 - Fixes bug in `tty_inter` (caused ERF's 57+58).
- # 1344 658,666
 Fixes crecho bug and bug in `tty_read` which prevented improper processing of input lines with trailing escaped characters; changes default line length of Model 38 TTY to 132.
- # 1345 697 Makes `terminate_proc` call `tty_unlock` to unlock any per-process lock which might have remained locked.
- # 1346 689 Changes `parity_fault` to log history register data for op-not-complete faults.

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I. System Change Log (continued)

Chng MCR

Change

1347 715,716

Change all calls in tape_ from calls to hcs_\$tdcm_xxxx to calls to tdcn_\$tdcm_xxxx; fix bug in tape_detach_ where an illegal error code was returned; delete set file protect issued by tdcn when doing rewind + unload; fix PE Burst bug.

1348 552 Add error_table_ entries for procedure trace package.

1349 676 Fix bug in ii which was incorrectly laying down a stack frame.

1350 - Fix security bug in restart_fault.

1351 688 Fix negative one pages in core bug.

II. Segment Change Log

Segment Name	Bound Segment	Change #
error_table_.et	-	R 1348
ii.alm	-	R 1349
init_sst.pll	bound_temp_1	R 1342
parity_fault.pll	bound_error_active	R 1346
pc_abs.pll	-	R 1351
restart_fault.alm	-	R 1350
tape_attach_.pll	bound_tape_	R 1347
tape_data.alm	-	R 1347
tape_detach_.pll	bound_tape_	R 1347
tape_labeler_.pll	bound_tape_	R 1347
tape_read_.pll	bound_tape_	R 1347
tape_util_.pll	bound_tape_	R 1347
tape_write_.pll	bound_tape_	R 1347
terminate_proc.pll	bound_error_active	R 1345
tty_ctl.ioc	-	R 1344
tty_inter.pll	bound_iom_wired	R 1343
tty_read.pll	bound_tty_active	R 1344
Include Files		
sst.incl.alm		R 1342
sst.incl.pll		R 1342

III. Bound Segment Change Log

Bound Segment	Change
bound_temp_1	replaced: init_sst
bound_tty_active	replaced: tty_read
bound_tape_	replaced: tape_read_ tape_write_ tape_labeler_ tape_attach_ tape_detach_ tape_util_
bound_error_active	replaced: terminate_proc parity_fault
bound_iom_wired	replaced: tty_inter

IV. Header Change Log

No changes were made to the header.