

TO: Distribution
FROM: Grace Ackerman-Lewis
DATE: November 25, 1975
SUBJECT: Installation of MSS 27.3

The hardcore system MSS 27.3 was installed on Friday, November 21, 1975 at 08:46. This system includes bug fixes for: an `msf_manager_` bug introduced in 27.2 which kept APL from working; a bug in the ring alarm mechanism; a change to `tape_` so that it will no longer treat MPC data alert errors as fatal when reading; a bug in `ref_name_` where the same reference name was bound to different segment numbers in different rings; bugs in `acl` primitives. The system libraries were updated on Friday, November 21, 1975 at 16:52.

I. System Change Log

Chng MCB

Change

- # 1520 1413 Change to the salvager to cause it to print out on the operators console when it changes the current length of a segment to zero.

- # 1521 1454,1498
Change to `msf_manager_` to have it use the `append$create_branch_` which uses the access class of the parent directory if no access class is specified by its caller. This fixes a bug introduced in 27.2 which prevented `apl` from working.

- # 1522 1448 Fix a bug in the ring alarm mechanism that allows exit from a lower ring without resetting the validation level.

- # 1523 1466 Fix `tape_` so that it no longer treats MPC Data Alerts as fatal when reading.

- # 1524 1216 Fix a bug in having the same reference name bound to different segment numbers in different rings.

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I. System Change Log (continued)

Chng MCR

Change

1525 1412 Fix bugs in acl primitives.

II. Segment Change Log

Segment Name	Bound Segment	Change #
append.pl1	bound_file_system	R 1521
asd.pl1	bound_file_system	R 1525
level.alm	bound_system_faults	R 1522
msf_manager.pl1	bound_fsm_	R 1521
ref_name.pl1	bound_system_faults	R 1524
ring_alarm.pl1	bound_tc_wired	R 1522
salv_check_map.pl1	bound_salvager	R 1520
tape_read.pl1	bound_tape_	R 1523
tdcm.pl1	bound_tape_	R 1523

Include Files

create_branch_info.incl.pl1	R 1521
rnt.incl.pl1	R 1524

III. Bound Segment Change Log

Bound Segment	Change
bound_salvager	replaced: salv_check_map
bound_file_system	replaced: append asd_
bound_tape_	replaced: tdcn_ tape_read_
bound_fsm_	replaced: msf_manager_
bound_system_faults	replaced: ref_name_ level
bound_tc_wired	replaced: ring_alarm

IV. Header Change Log

The hardcore header was unchanged.