

TO: Distribution
 FROM: David M. Jordan
 DATE: February 21, 1974
 SUBJECT: Installation of MSS 23.4

The hardcore system, MSS 23.4, was installed at 9:00 AM on Tuesday, February 19, 1974. This system included changes to the initialization of several hardcore variables, a change to the tty dim tracing mechanism, and fixes for a wide variety of minor bugs. The system libraries were updated at 9:35 AM on Wednesday, February 20, 1974.

I. System Change Log

<u>Chng</u>	<u>MCR</u>	<u>Change</u>
1261	236	Modified debug_check to perform the initialization of a variety of hardcore variables, rather than having them initialized by a large number of procedures. Also removed the DEAC option from deactivate and added the TTYT option for tty dim tracing.
1262	190	Modified the tty dim to fix the read_ahead metering bug and to make tracing dependant on the TTYT debug card option.
1263	329	Fixed several linker bugs.
1264	348	Fixed a bug in signal_ that had resulted in its inability to find explicit on units for conditions that are signaled in the new way.
1265	233	Recompiled special_messages_.pl1 to obtain the new secondary storage device ids.
1266	313	Modified get_system_free_area_ to correctly limit the size of the system free area to 64K.
1267	096	Modified ex_acl to remove the setting of 'a' access on message segments.

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System Change Log (continued)

<u>Chng</u>	<u>MCR</u>	<u>Change</u>
1268	296	Fixed a bug in the handling of the End Of Tape reflector in tape_xmt_.
1269	297	Increased the size of the loat so that it no longer restricts the number of users who may be logged in.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
dat mk_util_.alm	bound_system_faults	R 1263
deactivate.pl1	bound_system_faults	R 1261
debug_check.pl1	bound_error_wired	R 1261
dn355.pl1	bound_355_wired	R 1262
ex_acl.pl1	bound_mseg_prim	R 1267
get_system_free_area_.pl1		
	bound_fsm_	R 1266
init_sst.pl1	bound_temp_1	R 1261
rest_of_datmk_.pl1	bound_system_faults	R 1263
signal_.pl1	bound_sss_active_	R 1264
special_messages_.pl1 *	bound_error_handlers_	R 1265
tape_xmt_.pl1	bound_tape_	R 1268
tty_free.pl1	bound_tty_active	R 1262
tty_init.pl1	bound_io_init	R 1262
tty_read.pl1	bound_tty_active	R 1262
tty_unlock.pl1	bound_tty_active	R 1262
tty_write.pl1	bound_tty_active	R 1262

* No source change, recompiled to obtain new include file.

III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_355_wired	Replaced dn355
bound_error_handlers_	Replaced special_messages_
bound_error_wired	Replaced debug_check
bound_fsim_	Replaced get_system_free_area_
bound_io_init	Replaced tty_init
bound_mseg_prim	Replaced ex_acl
bound_sss_active_	Replaced signal_
bound_system_faults	Replaced datmk_util_ deactivate rest_of_datmk_
bound_tape_	Replaced tape_xmt_
bound_temp_1	Replaced init_sst
bound_tty_active	Replaced tty_free tty_read tty_unlock tty_write

IV. Header Change Log

<u>Change #</u>	<u>Change</u>
1269	Added a "cur_length: 16;" attribute to the header entry for loat.