

TO: Distribution
FROM: R. B. Rakip
DATE: January 4, 1974
SUBJECT: Installation of MSS 21.8 and 21.8a

The hardcore system, MSS 21.8, was installed at 09:07 on Thursday, January 3, 1974. This system implemented phase I of the New Command Loop Interface and phase II of the Extended Star Convention and fixed bugs in the segments trace_init, system_trace and imp_init. The system libraries were updated at 13:19 on Thursday, January 3, 1974.

The hardcore system, MSS 21.8a, was installed at 08:58 on Friday, January 4, 1974. This system implemented the read_status order call in tw_ and fixed bugs in the segments makestack and backup_load. The system libraries were updated at 12:51 on Friday, January 4, 1974.

I. System Change Log

<u>Change #</u>	<u>Change</u>
1227	Implement phase II of the Extended Star Convention and additionally allow starnames to include <u>any</u> ASCII character including control characters.
1228	Add an entry point to listen_ so that general_ready_ can be made compatible with the more extensive command loop changes.

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I. System Change Log (continued)

<u>Change #</u>	<u>Change</u>
1229	Fix bug in trace_init to cause prt300 buffer image to be loaded correctly.
1230	Implement a lock in system_trace to prevent simultaneous change of the trace segment by multiple processors and fix a minor bit string copying bug.
1231	Fix bug in IMP DIM initialization which could account for previously experienced system crashes.
1232	Install final change to implement read_status order call in tw_.
1233	Change method of placing pointers to alm operators in stack header. This will permit use of different pl1_operators to be used in outer rings.
1234	Allow reloading by non-privileged users.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
backup_load.pl1	bound_reloader_	R 1234
cl_tv_alm	bound_command_loop_	R 1228
imp_init.pl1	bound_imp_dim_	R 1231
listen.pl1	bound_command_loop_	R 1228
makestack.pl1	bound_file_system	R 1233
match_star_name_.pl1	bound_sss_active_	R 1227
rest_of_ttydim_.pl1	bound_command_loop_	R 1232
system_trace.pl1	bound_iom_wired	R 1230
trace_init.pl1	bound_temp_1	R 1229

Bind Files

bound_command_loop_.bind	R 1228
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III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_command_loop_	Replaced cl_tv_ listen_ rest_of_ttydim_

III. Bound Segment Change Log (continued)

<u>Bound Segment</u>	<u>Change</u>
bound_file_system	Replaced makestack
bound_imp_dim_	Replaced imp_init
bound_iom_wired	Replaced system_trace
bound_reloader_	Replaced backup_load
bound_sss_active_	Replaced match_star_name_
bound_temp_1	Replaced trace_init

IV. Header Change Log

There are no changes to the system headers.