

TO: Distribution
FROM: R. B. Rakip
DATE: November 1, 1973
SUBJECT: Installation of MSS 21.2

The hardcore system MSS 21.2 was installed at 10:04 on Thursday, November 1, 1973. This system includes preparations for the new tape mounting package and the ability to run additional DSU-190's as DSU-270's. Both of these changes are to be used sometime in the future and not for the present. The subroutine `timer_manager_` was moved to `bound_command_loop_` and a bug fix was applied to the routine `trace`. The header was changed in order to make use of a ninth DSU-190 drive. This addition was made possible by a previously installed system. The system libraries were updated at 13:18 on Thursday, November 1, 1973.

I. System Change Log

<u>Change #</u>	<u>Change</u>
1173	<code>tape_xtach_</code> was made to call the new tape mounting package when it is made available; <code>tape_init</code> and <code>tdcm</code> were made to keep track of whether the tape mount package is available. (MCR #018)
1174	Make temporary modifications to allow the system to utilize greater than two to the eighteenth records on a DSU-190 so that it may run as a DSU-270. (MCR #020)
1175	Move <code>timer_manager_</code> to <code>bound_command_loop_</code> to permit the system to come up to answering service command level in ring 4 if <code>bound_iss_</code> is clobbered.

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I. System Change Log (continued)

<u>Change #</u>	<u>Change</u>
1176	Change trace to trace on tapes 1 and 2 (switching back and forth) and to not loop for ever if status is lost.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
admin_gate_.mexp	-	R 1173
disk_control.pl1	bound_page_control	A 1174
disk_init.pl1	bound_temp_1	A 1174
dsu190_control.pl1	bound_page_control	D 1174
dsu190_init.pl1	bound_temp_1	D 1174
error_table_.et	-	R 1173
hcs_.mexp	-	R 1173
initialize_dims.pl1	bound_temp_1	R 1174
tape_init.pl1	bound_lo_init	R 1173
tape_mount_label_.pl1	bound_tape_	A 1173
tape_util_.pl1	bound_tape_	R 1173
tape_xmt_.pl1	bound_tape_	R 1173
tape_xtach_.pl1	bound_tape_	R 1173
tdcm.pl1	bound_lom_active	R 1173
timer_manager_.pl1	bound_command_loop_	A 1175
trace.pl1	bound_lom_wired	R 1176

Include Files

disk_meters.incl.pl1	D 1174
dskdcl.incl.pl1	R 1174
dsu170dcl.incl.pl1	R 1174
dsu181dcl.incl.pl1	R 1174
dsu190dcl.incl.pl1	R 1174
dsu270dcl.incl.pl1	R 1174
tape_data.incl.pl1	R 1173
tape_sdb.incl.pl1	A 1173

Bind Files

bound_command_loop_.bind	R 1175
bound_lom_active.bind	R 1173
bound_page_control.bind	R 1174
bound_tape_.bind	R 1173
bound_temp_1.bind	R 1174

III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_command_loop_	Added timer_manager_
bound_lo_init	Replaced tape_init
bound_lom_active	Replaced tdcn
bound_lom_wired	Replaced trace
bound_page_control	Added disk_control Deleted dsu190_control
bound_tape_	Added tape_mount_label_ Replaced tape_util_ tape_xmt_ tape_xtach_
bound_temp_1	Added disk_init Replaced initialize_dims Deleted dsu190_init

IV. Header Change Log

Change #1173 added the name tape_mount_label_ to the list for bound_tape_; change #1174 changed the cur_length of dsu190_seg, dsu181_seg and dsu270_seg to 368; change #1175 added the name timer_manager_ to bound_command_loop_ and change #1176 set the fsdct's max_length to 16.