

TO: Distribution
FROM: Peter B. Kelley
DATE: June 21, 1974
SUBJECT: Installation of MSS 23.12

The hardcore system MSS 23.12 was installed at 0900 on Friday, June 21, 1974. This system includes: a new mode "writew" (write wait) for T & D; a new PRPH config. card format; a new TBLS config. card; new operator console software; provision of optional command usage monitoring; and, several bug fixes. The system libraries were updated at 1210 on June 21, 1974.

I. System Change Log

Chng MCR

Change

- # 1311 315,464,498,517
adds new mode "writew" for T & D; fixes 2 cpu bug in tty_inter; fixes bug which caused \014's to be lost when typed as the last character of a line; and, fixes hangup problem in conjunction with system control (1317).
- # 1312 391,406,414,454
new PRPH config. card format (MOSN 4.3.2); and, new operator console software for the operation of the System Control Console and Entry Module Console.
- # 1313 551 fixes bug to reset the default device type of a terminal based on the baud rate whenever a terminal hangs up.
- # 1314 435 Introduces TBLS config. card to allow boot-time specification of the size of the loat, str_seg, and paged_tape_data system data bases. Defaults for these are provided by the cur_length attribute of the hardcore header.
- # 1315 412 Provides optional command usage monitoring under the control of the tool command_usage_count.

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I. System Change Log (continued)

Chng MCRChange

- # 1316 507 Adds the two error table codes \$chars_after_delim, and \$no_delimiter.
- # 1317 520 updates a branch so that correct length of a segment will be correct before making a copy when initiating a segment with the copy switch.
- # 1318 305,427
new version of system control to eliminate problems with "sac" and misuse of global variables. Implements input logging of operator commands, and "Intercom" command.
- # 1319 548 fixes bug in tty_free which caused a free chain call to fail if the first buffer in tty_buf was in the chain.

II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
config.pl1	bound_active_1	A 1312
error_table.et	-	R 1316
find.pl1	bound_active_1	D 1316
find_command.pl1	bound_command_loop_	R 1315
find_peripheral.pl1	bound_active_1	D 1315
init_str_seq.pl1	bound_temp_2	R 1314
initiate.pl1	bound_system_faults	R 1317
make_sdw.pl1	bound_init_1	R 1317
oc_data.aln	-	R 1317
oc_data_init.pl1	bound_temp_1	R 1317
oc_trans_inout.pl1	bound_oc_	R 1317
oc_trans_output.pl1	bound_sss_wired_	R 1317
ocdcn.pl1	bound_error_wired	R 1317
ocdim.pl1	bound_oc_	R 1318
rest_of_ttydim.pl1	bound_command_loop_	R 1311
system_control.pl1	-	R 1311
tape_init.pl1	bound_io_init	R 1311
tty_ctl.loc	-	R 1311
tty_free.pl1	bound_lom_wired	R 1319
tty_index.pl1	bound_tty_active	R 1319
tty_inter.pl1	bound_lom_wired	R 1311, 1313
tty_write.pl1	bound_tty_active	R 1311

II. Segment Change Log (continued)

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
<u>Include Files</u>		
command_usage.incl.pl1		A 1315
convtab.incl.pl1		R 1311
oc_data.incl.pl1		R 1312
fab.incl.ioc		R 1312
tty.incl.pl1		R 1312
variable_tables.incl.pl1		A 1314
<u>Bindfiles</u>		
bound_active_1.bind		R 1312
bound_error_wired.bind		R 1312

III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_init_1	replaced: make_sdw
bound_temp_2	replaced: init_str_seg
bound_command_loop_	replaced: find_command_ rest_of_ttydim_
bound_active_1	added: config deleted: find find_peripheral
bound_temp_1	replaced: oc_data_init
bound_oc_	replaced: ocdim_ oc_trans_input_
bound_sss_wired_	replaced: oc_trans_output_
bound_error_wired	replaced: ocpcm_
bound_io_init	replaced: tape_init
bound_system_faults	replaced: initiate
bound_iom_wired	replaced: tty_free tty_inter
bound_tty_active	replaced: tty_write tty_index

IV. Header Change Log

1312 The header was changed to add the entry name find_periph
to bound_active_1.