TO: Distribution

FROM: Peter B. Kelley

DATE: June 21, 1974

SUBJECT: Installation of MSS 23.12
                        This supersedes MIB-100

     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 & O; 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 & O; 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 ioat, 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.

I. System Change Log (continued)

Chng MCR   Change

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

Segment Name	Bound Segment	Change #
config.pl1	bound_active_1	A 1312
error_table_.et	-	R 1316
find.pl1	bound_active_1	D 1312
find_command_.pl1	bound_command_loop_	R 1315
find_peripheral.pl1	bound_active_1	D 1312
init_str_seg.pl1	bound_temp_2	R 1314
initiate.pl1	bound_system_faults	R 1317
make_sdw.pl1	bound_init_1	R 1314
oc_data.alm	-	R 1312
oc_data_init.pl1	bound_temp_1	R 1312
oc_trans_input_.pl1	bound_oc_	R 1312
oc_trans_output_.pl1	bound_sss_wired_	R 1312
ocdcm_.pl1	bound_error_wired	R 1312
ocdim_.pl1	bound_oc_	R 1318
rest_of_ttycim_.pl1	bound_command_loop_	R 1311
system_control_.pl1	-	R 1318
tape_init.pl1	bound_io_init	R 1312
tty_ctl.ioc	-	R 1311
tty_free.pl1	bound_iom_wired	R 1319
tty_index.pl1	bound_tty_active	R 1311
tty_inter.pl1	bound_iom_wired	R 1311,1313
tty_write.pl1	bound_tty_active	R 1311

II. Segment Change Log (continued)

Segment Name	Bound Segment	Change #

Include Files

command_usage.incl.pl1		
convtab.incl.pl1		A 1315
oc_data.incl.pl1		R 1311
tab.incl.ioc		R 1312
tty.incl.pl1		R 1311
variable_tables.incl.pl1		R 1311
		A 1314

Bindfiles

bound_active_1.bind		
bound_error_wired.bind		R 1312
		R 1312

III. Bound Segment Change Log

Bound Segment	Change	
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: deleted:	config 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	replace'd:	ocdcm_
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.