TO: Distribution

FROM: Grace Ackerman-Lewis

DATE: January 14, 1975

SUBJECT: Installation of MSS 24.5

      The hardcore system MSS 24.5 was installed on Monday,
January 13, 1975 at 0330. This system includes: The addition of
new IOI-compatible printer software; a fix for a minor printer
code conversion bug; elimination of non_system users from ACL of
phcs_ on system tape; a fix for a bug which could cause lost
input or output during the reporting of list index at channel
termination; a fix for an I/O interfacer bug which occurre. at
the computation of the DCW list connect index; fixes for several
PL/1 bugs; implementation of new call push return sequences;
implementation of new tracing features for the trace command;
removal of status permission on >pdd and initializers process
directory to *.*.*; addition of the name sl1 to system_library_1;
a change to make_branches$delete to turn off the safety switch
before deleting the branch; a fix for a bug in wired_fim causing
salvager death. The system libraries were updated on Tuesday,
January 14, 1975 at 0321.

                    I. System Change Log

Chng MCR   Change

1404 854,913
            Addition of new IOI-compatible printer software. A
            fix for a minor printer code conversion bug.

1405 871,879
            Removal of status permission on >pdd and initializers
            process directory to *.*.*. Addition of the name sl1
            to system_library_1. A change to make_branches$delete
            to turn off the safety switch before deleting the
            branch.

1407 - Fix masking bug in wired_fim which caused salvager
            death.

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I. System Change Log (continued)

Chng MCR   Change

1408 870 Fixes for several PL1 bugs.   Implementation of new
          call push return sequences.   Implementation of new
          tracing features for the trace command.

1409 941,944
          A fix for a bug which could cause lost input or output
          during the reporting of list index at channel
          termination.   A fix for an I/O interfacer bug which
          occurred at the computation of the DCW list connect
          index.

II. Segment Change Log

Segment Name	Bound Segment	Change #
init_branches.pl1	bound_init_2	R 1405
init_hardcore_gates.pl1	bound_temp_2	R 1404
init_printer.pl1	bound_printer_util_	A 1404
io_init.pl1	bound_io_init	R 1404
ioi_connect.pl1	bound_iom_active	R 1409
ioi_get_status.pl1	bound_iom_active	R 1409
ioi_getwork.pl1	bound_iom_wired	R 1409
ioi_interrupt.pl1	bound_iom_wired	R 1409
make_branches.pl1	bound_init_2	R 1405
pl1_operators_.mexp	bound_sss_wired_	R 1408
pr2_conv.alm	bound_printer_util_	A 1404
pr3_conv.alm	bound_printer_util_	A 1404
printer_dcm.pl1	bound_iom_active	D 1404
printer_images.alm	bound_active_1	D 1404
printer_images.alm	bound_printer_util_	A 1404
printer_init.pl1	bound_io_init	D 1404
printer_status.pl1	bound_iom_wired	D 1404
prt_300_conv.alm	bound_iom_active	D 1404
prt_ccnv.alm	bound_iom_active	D 1404
prt_conv.alm	bound_printer_util_	A 1404
prtdcm_.mexp	-	D 1404
trace.pl1	bound_iom_wired	R 1404
trace_init.pl1	bound_temp_1	R 1404
wired_flm.alm	-	R 1407

Include Files

wired_ioi_data.incl.pl1		R 1409

Bindfiles

II. Segment Change Log (continued)

Segment Name	Bound Segment	Change #
bound_active_1.bind		R 1404
bound_io_init.bind		R 1404
bound_iom_active.bind		R 1404
bound_iom_wired.bind		R 1404
bound_printer_util_.bind		A 1404

III. Bound Segment Change Log

Bound Segment	Change	
bound_init_2	replaced:	make_branches
		init_branches
bound_sss_wired_	replaced:	pl1_operators_
bound_temp_1	replaced:	trace_init
bound_temp_2	replaced:	init_hardcore_gates
bound_printer_util_	added:	init_printer
		printer_images
		prt_conv
		pr3_conv
		pr2_conv
bound_iom_wired	replaced:	iol_interrupt
		iol_getwork
		trace
	deleted:	printer_status
bound_active_1	deleted:	printer_images
bound_io_init	replaced:	io_init
	deleted:	printer_init
bound_iom_active	replaced:	ioi_connect
		ioi_get_status
	deleted:	printer_dcm
		prt_ccnv
		prt_300_conv

IV. Header Change Log

1404,1406 The hardcore header was changed to delete: the name printer_images from bound_active_1, the name printer_status from bound_iom_wired, the names printer_dcm, prt_conv and ioi_buffer from bound_iom_active; to delete the fabricate segments prthdr, prtseg, and char_counts_; to add the new segment bound_printer_util_ to delete the segment prtdcm_; to eliminate non-system users from ACL of phcs_ on system tape.