TO: Distribution

FROM: Grace Ackerman-Lewis

DATE: July 18, 1975

SUBJECT: Installation of MSS 25.10

     The hardcore system MSS 25.10 was installed on Monday July
7, 1975 at 8:32. This system includes: A dummy version of the
Resource Control Package with a new and slightly different
interface to tdcm_; a change to put the correct version of chname
into the system; a change to remove non-PL/1 alignment
restrictions on SDW-type variables; a change to make
stack_header.signal_ptr valid during collection one; a fix to
tc_data$.stat_meter; a fix for a parity error address reporting
bug; a fix for IOI boundary checking. The system libraries were
updated on Tuesday, July 8, 1975 at 10:01.

                  I. System Change Log

Chng MCR   Change

1455 --- Put the correct version of chname into
           bound_file_system.

1456 1100,1136
           Install a dummy version of the Resource Control
           Package. This includes a new and slightly different
           interface to tdcm_. With this installation programs
           that call IOI directly can be converted to use RCP.

1457 1068 Remove non-PL/1 alignment restriction on SDW-type
           variables. Make stack_header.signal_ptr valid during
           Collection one. Fix tc_data$.stat meter. Fix parity
           error address reporting bug.

1458 1258 Fix IOI boundary checking.

II. Segment Change Log

Segment Name	Bound Segment	Change #
admin_gate_.mexp	-	R 1456
bootstrap2.alm	-	R 1457
chname.pl1	bound_file_system	R 1455
condition_.alm	bound_sss_active_	D 1457
condition_.alm	bound_sss_wired_	A 1457
deact_proc.pl1	bound_process_creation	R 1457
get_ptrs_.alm	bound_page_control	R 1457
init_processor.alm1457	-	R 1457
initialize_faults.pl1	bound_init_1	R 1457
io_init.pl1	bound_io_init	R 1456
iol_.mexp	-	R 1456
iol_connect.pl1	bound_iom_active	R 1458
iol_set_status.pl1	bound_iom_active	R 1458
iol_workspace.pl1	bound_iom_active	R 1458
make_sdw.pl1	bound_init_1	R 1457
page_fault.alm	bound_page_control	R 1457
pim.pl1	bound_process_creation	R 1457
privileged_mode_ut.alm	bound_priv_1	R 1457
rcp_.mexp	-	A 1456
rcp_attach_.pl1	bound_rcp_	A 1456
rcp_check_attach_.pl1	bound_rcp_	A 1456
rcp_comment_.pl1	bound_rcp_	A 1456
rcp_detach_.pl1	bound_rcp_	A 1456
rcp_disk_.pl1	bound_rcp_	A 1456
rcp_dummy_.pl1	bound_rcp_	A 1456
rcp_force_unassign_.pl1	bound_rcp_	A 1456
rcp_init.pl1	bound_io_init	A 1456
rcp_init_survey_.pl1	bound_io_init	A 1456
rcp_message_.pl1	bound_rcp_	A 1456
rcp_priv_.mexp	-	A 1456
rcp_promote_.pl1	bound_rcp_	A 1456
rcp_reconfigure_.pl1	bound_rcp_	A 1456
rcp_sys_.mexp	-	A 1456
rcp_tape_.pl1	bound_rcp_	A 1456
rcp_unassign_.pl1	bound_rcp_	A 1456
rcp_validate_.pl1	bound_rcp_	A 1456
signal_.pl1	bound_sss_active_	D 1457
signal_.pl1	bound_sss_wired_	A 1457
tape_attach_.pl1	bound_tape_	R 1456
tape_dim_data_.alm	bound_tape_	R 1456
tape_labeler_.pl1	bound_tape_	R 1456
tape_read_.pl1	bound_tape_	R 1456
tape_write_.pl1	bound_tape_	R 1456
tc_init.pl1	bound_init_2	R 1457

II. Segment Change Log (continued)

Segment Name	Bound Segment	Change #
tdcm_.pl1	bound_tape_	R 1456
tdcm_attach_.pl1	bound_tape_	A 1456
tdcm_detach_.pl1	bound_tape_	A 1456
tdcm_message_.pl1	bound_tape_	A 1456
tdcm_status_.pl1	bound_tape_	D 1456

Include Files

rcp_com_seg.incl.pl1		A 1456
rcp_data.incl.pl1		A 1456
rcp_device_info.incl.pl1		A 1456
rcp_device_types.incl.pl1		A 1456
rcp_disk_info.incl.pl1		A 1456
rcp_printer_info.incl.pl1		A 1456
rcp_tape_info.incl.pl1		A 1456
tdcm_info.incl.pl1		R 1456

Bindfiles

bound_io_init.bind		R 1456
bound_rcp_.bind		A 1456
bound_tape_.bind		R 1456

III. Bound Segment Change Log

Bound Segment	Change	
bound_sss_active_	deleted:	signal_ condition_
bound_init_2	replaced:	tc_init
bound_process_creation	replaced:	deact_proc pim
bound_init_1	replaced:	initialize_faults make_sdw
bound_sss_wired_	added:	condition_ signal_
bound_priv_1	replaced:	privileged_mode_ut
bound_page_control	replaced:	page_fault get_ptrs_

III. Bound Segment Change Log (continued)

Bound Segment   **Change**

bound_io_init   added: rcp_init
                                                  rcp_init_survey_
                                        replaced: io_init

bound_rcp_   added: rcp_dummy_
                                                  rcp_attach_
                                                  rcp_check_attach_
                                                  rcp_tape_
                                                  rcp_disk_
                                                  rcp_comment_
                                                  rcp_validate_
                                                  rcp_detach_
                                                  rcp_unassign_
                                                  rcp_promote_
                                                  rcp_message_
                                                  rcp_force_unassign_
                                                  rcp_reconfigure_

bound_tape_   added: tdcm_attach_
                                                  tdcm_message_
                                                  tdcm_detach_
                                        replaced: tdcm_
                                                  tape_read_
                                                  tape_write_
                                                  tape_labeler_
                                                  tape_attach_
                                                  tape_dim_data_
                                        deleted: tdcm_status_

bound_iom_active   replaced: iol_connect
                                                  iol_set_status
                                                  iol_workspace

bound_file_system   replaced: chname

IV. Header Change Log

The hardcore header had the following changes: In collection 1 the names signal_, signal, condition_, reversion_, establish_cleanup_proc_, revert_cleanup_proc, and default_handler were added to bound_sss_wired; the combine_link entry was deleted from restart_fault; the name rcp_init was added to bound_io_init.

In collection 2 the names signal_, signal, condition_,

IV. Header Change Log (continued)

reversion_, establish_cleanup_proc_, revert_cleanup_proc_, and
default_handler_ were deleted from bound_sss_active; the
combine_link and the linkage access and acl entries were deleted
from hcs_; the combine_link, the acl for the
Initializer.SysDaemon and *.*.*, and the linkage init_seg and
access entries were deleted from hphcs_; the combine_link, and
the linkage access and acl entries were deleted from both lol_
and net_; the combine_link, null acl and the linkage init_seg
access and acl entries were deleted from phcs_; the combine_link,
null acl the linkage init_seg, access and acl entries were
deleted from ploi_; the segments rcp_data and rcp_com_seg were
added; the combine_link acl for the Initializer.SysDaemon, the
null acl and the linkage init_seg access and acl entries were
deleted from system_privilege_.

In collection 3 the segments bound_rcp_, rcp_, rcp_priv and
rcp_sys were added.