TO: Distribution

FROM: Grace Ackerman-Lewis

DATE: April 25, 1975

SUBJECT: Installation of MSS 25.5

The hardcore system MSS 25.5 was installed on Friday, April 18, 1975 at 0902.
This system includes: A new page control, a change to the search rules used by the initializer process replacing >languages by >unbundled, definition of sys_info$access_ceiling to be used in validity checks, several bug fixes and changes to bring the hardcore library up to date. The system libraries were updated on Friday, April 18, 1975 at 1418.

I. System Change Log

Chng MCR   **Change**

1436 833 Change the search rules to be used by the initializer process replacing >languages by >unbundled.

1437 989 New page control. Fixes for quota stealing bug and shutdown_pd_flushing bug.

1438 1046 Sys_info_$access_ceiling defined to be used in validity checks by reloader, salvager, process creation and reclassification.

1439 1077 Fix for 3 cpu reconfiguration bug.

1440 1983 Fixes for bugs in pl1_operators_ and implementation of a much faster version of PL/I record I/O.

1441 1063 Fix for a bug in the arc tangent routines.

1442 1086 Fixes for bugs in convert_authorization_.

1443 -   Bring hardcore library up to date by correcting some apparent errors in the contents.

I. System Change Log (continued)

Chng MCR   Change

II. Segment Change Log

Segment Name	Bound Segment	Change #
act_proc.pl1	bound_process_creation	R 1438
active_hardcore_data.alm	-	R 1438
arc_tangent_.alm	bound_sss_wired_	R 1441
backup_load.pl1	bound_reloader_	R 1438
backup_load_dir_list.pl1	bound_reloader_	R 1438
bk_retrieve.pl1	bound_reloader_	R 1438
bootstrap1.alm	-	R 1437
bulk_store_control.alm	bound_page_control	R 1437
bulk_store_init.alm	bound_temp_1	A 1437
bulk_store_init.pl1	bound_temp_1	D 1437
convert_authorization_.pl1	-	R 1442
daemon_real_init_admin_.pl1	bound_command_loop_	R 1443
device_control.alm	bound_page_control	R 1437
double_arc_tangent_.alm	bound_sss_wired_	R 1441
evict_page.alm	bound_page_control	R 1437
freecore.pl1	bound_active_1	R 1437
get_disk_meters.pl1	bound_page_control	R 1437
meter_disk.alm	bound_page_control	R 1437
page.alm	bound_page_control	R 1437
page_error.alm	bound_page_control	R 1437
page_fault.alm	bound_page_control	R 1437
pc.pl1	bound_page_control	R 1437
pc_abs.pl1	-	R 1437
pd_util.alm	bound_page_control	R 1437
pl1_operators_.mexp	bound_sss_wired_	R 1440
post_purge.alm	bound_page_control	R 1437
reclassify.pl1	bound_priv_procs	R 1438
reconfig.pl1	bound_process_creation	R 1439
record_io_.alm	bound_sss_wired_	A 1440
salvage_directory.pl1	bound_salvager	R 1438
sys_info.alm	-	R 1438
system_control_.pl1	-	R 1436
wired_plm.pl1	bound_tc_wired	R 1437

Include Files

ahd.incl.pl1		R 1438
backup_record_types.incl.pl1		R 1438
bulk_store_data.incl.alm		A 1437
bulk_store_mailbox.incl.alm		R 1437
bulk_store_regs.incl.alm		A 1437

II. Segment Change Log (continued)

Segment Name	Bound Segment	Change #
cmp.incl.alm		R 1437
cmp.incl.pl1		R 1437
page_info.incl.alm		R 1437
page_regs.incl.alm		A 1437
ptw.incl.alm		R 1437
ptw.incl.pl1		R 1437
sst.incl.alm		R 1437
sst.incl.pl1		R 1437

Bindfiles

bound_page_control.bind		R 1437
bound_sss_wired_.bind		R 1440

III. Bound Segment Change Log

Bound Segment	Change	
bound_command_loop_	replaced:	daemon_real_init_admin_
bound_sss_wired_	added:	record_io_
	replaced:	pl1_operators_
		arc_tangent_
		double_arc_tangent_
bound_salvager	replaced:	salvage_directory
bound_process_creation	replaced:	reconfig
		act_proc
bound_reloader_	replaced:	backup_load
		backup_load_dir_list
		bk_retrieve
bound_priv_procs	replaced:	reclassify
bound_temp_1	added:	bulk_store_init
	deleted:	bulk_store_init
bound_active_1	replaced:	freecore
bound_tc_wired	replaced:	wired_plm
bound_page_control	replaced:	page_fault
		pd_util
		page

III. Bound Segment Change Log (continued)

Bound Segment   **Change**

                                    post_purge
                                    device_control
                                    page_error
                                    pc
                                    bulk_store_control
                                    meter_disk
                                    get_disk_meters
                                    evict_page

IV. Header Change Log

The hardcore header was changed to remove the fabricate segment temp_copyseg1, move disk_traffic_data from collection 1 to collection 2, to add the attribute privileged to access on bound_temp_1 and add the fabricate segment bulk_store_data to collection 1.