

TO: Distribution  
FROM: R. B. Rakip  
DATE: January 15, 1974  
SUBJECT: Installation of MSS 22.0 system 22.0a

The hardcore system, MSS 22.0, was installed at 08:56 on Monday, January 14, 1974. This system consisted of the removal of cacis and append access mode from the access protection scheme; the upgrading of various salvager routines to version II of PL/I and the setting of max\_seg\_size and default\_max\_length to 261120 (255K) words. The system libraries were updated at 12:47 on Monday, January 14, 1974.

The hardcore system, MSS 22.0a, was installed at 14:15 on Monday, January 14, 1974. This system fixed a bug in fs\_move which prevented archive updating. The system libraries were updated at 16:07 on Monday, January 14, 1974.

#### I. System Change Log

<u>Change #</u>	<u>Change</u>
1235	Remove cacis and segment append mode: do not require write mode for segment in order to delete: add exmode_level entry to ods and set_exmode_level gate to phcs_.
1236	Convert salvager procedures to version II of PL/I and improve error diagnostics in salv_rebuild_names.
1237	Change sys_info\$max_seg_size and sys_info\$default_max_length to 261120 (255K) words and change error_table_messages to

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## I. System Change Log (continued)

<u>Change #</u>	<u>Change</u>
	reflect directory control changes in respect to no cacils.
1238	Remove check for append permission to allow segments to be moved.

## II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
access_mode.pl1	bound_system_faults	R 1235
acl.pl1	bound_file_system	R 1235
append.pl1	bound_file_system	R 1235
asd.pl1	bound_file_system	R 1235
backup_util.pl1	bound_reloader_	R 1235
boundfault.pl1	bound_system_faults	R 1235
delentry.pl1	bound_file_system	R 1235
error_table.et	-	R 1237
fs_get.pl1	bound_system_faults	R 1235
fs_move.pl1	bound_file_system	R 1238
on_line_salvager.pl1	bound_salvager	R 1235
pds.alm	-	R 1235
phcs.mexp	-	R 1235
quota.pl1	bound_file_system	R 1235
salv_clean_ast.pl1	bound_salvager	R 1236
salv_delete_dir.pl1	bound_salvager	R 1236
salv_name.pl1	bound_salvager	R 1236
salv_rebuild_acl.pl1	bound_salvager	R 1235
salv_rebuild_directory.pl1	bound_salvager	R 1235
salv_rebuild_names.pl1	bound_salvager	R 1236
salvage_directory.pl1	bound_salvager	R 1235
seg_fault.pl1	bound_system_faults	R 1235
set.pl1	bound_file_system	R 1235
star.pl1	bound_system_faults	R 1235
sys_info.alm	-	R 1237
<u>Include Files</u>		
dir_header.incl.pl1		R 1235
<u>Bind Files</u>		
bound_file_system.bind		R 1235

## III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_file_system	Replaced aci append asd_ delentry fs_move quota set
bound_reloader_	Replaced backup_util
bound_salvager	Replaced on_line_salvager salv_clean_ast salv_delete_dir salv_name salv_rebuild_aci salv_rebuild_directory salv_rebuild_names salvage_directory
bound_system_faults	Replaced access_mode boundfault fs_get seg_fault star_

## IV. Header Change Log

There are no changes to the system headers.