

TO: Distribution
FROM: George T. Williams
DATE: November 26, 1976
SUBJECT: Installation of MSS 30.0a

I. SYSTEM CHANGE LOG

MCR MODIFICATIONS FOR MSS 30.0a

- 2105 Cleanup disk rebuilder interface, integrate with disk initializer. Changes some messages printed out by the disk rebuilder to print out drive names instead of PVT indices. Integrates the disk rebuilder control language with that of the volume initializer by comming the interaction code into a separate program. Adds the "nvtoce" request to augment the "vtoc" request to specify VTOC size.
- 2207 Semi-automatic logical volume mounting. Installs a facility wherein the add_logical_volume user command initiates the mounting of a logical volume.
- 2240 Change PV assignment algorithm in create_vtoce to attempt to minimize I/O contention at the PV level.
- 2273 Fix online_salvager level_1 locking problem by suppressing copying of level_1 directories.
- 2281 Fixes descriptor pages loss. Changes descriptor segment destruction call to deposit pages properly.
- 2282 Fix disk_rebuild vol_map bug. Fixes the rebuilder to construct the correct map and charges the Volume Salvager to notice and correct such incorrect maps.
- 2317 Fix meter overflow problems in pxss by deleting the offending meter since it is not printed by any installed tool.
- 2333 Fix usage count accounting bug in hcs_\$initiate.
- 2334 Improve the efficiency of the KST garbage collector. The KST garbage collector will find more items to collect reducing

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I. SYSTEM CHANGE LOG (continued)

MCR MODIFICATION

the number of collections that must be made.

2335 Fix bug in formline_ which causes the new ioa_ ^[,^] feature to fail randomly.

II. SEGMENT CHANGE LOG

SEGMENT NAME		BOUND SEGMENT
create_vtocs.pl1	R	bound_vtocs_man
deactivate_segs.pl1	R	bound_process_creation
disk_rebuild.pl1	R	bound_salvager
disk_rebuild_caller.pl1	R	bound_salv_callers
disk_table_.pl1	R	-
fill_vol_extents_.pl1	A	bound_salv_callers
formline_.alm	R	bound_sss_wired_
garbage_collect_kst.pl1	R	bound_system_faults
init_disk_pack_.pl1	R	-
initiate.pl1	R	bound_system_faults
lv_request_.pl1	A	-
on_line_salvager.pl1	R	bound_salvager
pc.pl1	R	bound_page_control
pxss.alm	R	-
salvage_pv.pl1	R	bound_salvager
stop_cpu.pl1	R	bound_hc_reconfig

BOUND OBJECTS

bound_page_control.bind	R
bound_salv_callers.bind	R

INCLUDE SEGMENTS

disk_pack.incl.pl1	R
lvf.incl.pl1	R