TO: Distribution

FROM: George T. Williams

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SUBJECT: Installation of MSS 31.0

I.   SYSTEM CHANGE LOG

MCR MODIFICATIONS FOR MSS 31.0

2500 Increases nstd_ max record size to 4096. This will allow
     standard system software to be used to read GCOS file system
     dumps. (This was supposed to be in 30-11 but fell through a
     crack.)

2440 Installs new volume backup subsystem.

2040 Installs Ring 0 support for the new volume dumping facility.

2442 Installs Ring 0 support for the new volume retriever.

II.   SEGMENT CHANGE LOG

SEGMENT NAME		BOUND SEGMENT
access_mode.pl1	R	bound_system_faults
activate.pl1	R	bound_system_faults
append.pl1	R	bound_file_system
chname.pl1	R	bound_file_system
create_vtoce.pl1	R	bound_vtoc_man
dbm_man.pl1	A	bound_hc_backup
deactivate_segs.pl1	R	bound_process_creation
del_dir_tree.pl1	R	bound_file_system
delentry.pl1	R	bound_file_system
delete_vtoce.pl1	R	bound_vtoc_man
display_volume_log.pl1	A	bound_volume_rldr_ut_
error_table_.et	R	-
fsout_vol.pl1	R	bound_disk_util
get_aste.pl1	R	bound_system_faults
get_temp_segments_.pl1	A	bound_fsim_
hardcore.header	R	-

II. SEGMENT CHANGE LOG (continued)

SEGMENT NAME		BOUND SEGMENT
hc_backup_.mexp	A	-
hc_dmpr_primitives.pl1	A	bound_hc_backup
hcs_.mexp	R	-
init_hardcore_gates.pl1	R	bound_temp_2
init_pvt.pl1	R	bound_temp_1
init_root_dir.pl1	R	bound_temp_2
load_vol_map.pl1	R	bound_disk_util
mdc_.mexp	R	-
oc_data.cds	R	-
oc_trans_output_.pl1	R	bound_sss_wired_
pc.pl1	R	bound_page_control
rcp_device_info_.pl1	R	bound_rcp_
rcp_init_disk_sharing.pl1	R	bound_io_init
rcp_initializer_.pl1	R	bound_rcp_
rdisk_.pl1	A	bound_volume_rldr_ut_
read_disk.pl1	R	bound_disk_util
recover_volume_log.pl1	A	bound_volume_rldr_ut_
reload_volume_.pl1	A	bound_volume_reloader_
reloader.pl1	A	bound_volume_reloader_
retv_copy.pl1	A	bound_hc_backup
retv_util.pl1	A	bound_hc_backup
rldr_arg_reader_.pl1	A	bound_volume_reloader_
rldr_check_pvol_.pl1	A	bound_volume_reloader_
rldr_finish_.pl1	A	bound_volume_reloader_
rldr_input_.pl1	A	bound_volume_reloader_
rldr_label_.pl1	A	bound_volume_reloader_
rldr_output_.pl1	A	bound_volume_reloader_
rldr_report_.pl1	A	bound_volume_reloader_
rldr_volume_map_.pl1	A	bound_volume_reloader_
rldr_vtoc_header_.pl1	A	bound_volume_reloader_
salvage_directory.pl1	R	bound_salvager
segment_mover.pl1	R	bound_system_faults
set.pl1	R	bound_file_system
setfaults.pl1	R	bound_system_faults
status_.pl1	R	bound_system_faults
system_startup_.pl1	R	-
tape_mult_attach_.pl1	A	bound_tape_mult_
tape_mult_close_.pl1	A	bound_tape_mult_
tape_mult_detach_.pl1	A	bound_tape_mult_
tape_mult_labeler_.pl1	A	bound_tape_mult_
tape_mult_open_.pl1	A	bound_tape_mult_
tape_mult_parse_.pl1	A	bound_tape_mult_
tape_mult_read_.pl1	A	bound_tape_mult_
tape_mult_util_.pl1	A	bound_tape_mult_
tape_mult_write_.pl1	A	bound_tape_mult_
tdcm_.pl1	R	bound_tape_
truncate_vtoce.pl1	R	bound_vtoc_man
update_vtoce.pl1	R	bound_vtoc_man
vtoc_attributes.pl1	R	bound_system_faults

II.   SEGMENT CHANGE LOG (continued)

BIND SEGMENTS

bound_file_system.bind   R
bound_fsim_.bind   R
bound_hc_backup.bind   A
bound_page_control.bind   R
bound_system_faults.bind   R
bound_tape_mult_.bind   A
bound_volume_reloader_.bind   A
bound_volume_rldr_ut_.bind   A
bound_vtoc_man.bind   R

INCLUDE SEGMENTS

aste.incl.alm   R
aste.incl.pl1   R
backup_info.incl.pl1   A
backup_pvol_info.incl.pl1   A
backup_static_variables.incl.pl1 A
backup_volume_header.incl.pl1   A
backup_volume_log.incl.pl1   A
backup_volume_record.incl.pl1   A
dbm.incl.pl1   A
dmpr_input.incl.pl1   A
fs_vol_label.incl.pl1   R
null_addresses.incl.pl1   R
retv_append_args.incl.pl1   A
retv_input.incl.pl1   A
retv_request.incl.pl1   A
rldr_control.incl.pl1   A
rldr_data_.incl.pl1   A
rldr_input_volume_list.incl.pl1   A
sst.incl.pl1   R
vtoc_header.incl.alm   A
vtoc_header.incl.pl1   R
vtoce.incl.pl1   R