TO: Distribution

FROM: George T. Williams

DATE: September 27, 1977

SUBJECT: Installation of MSS 31.17

I.   SYSTEM CHANGE LOG

MCR MODIFICATIONS FOR MSS 31.17

2963 Prevent infinite loop in get_defptr_ to be sure that the hash search does not loop indefinitely.

2926 Changes Ring 0 IMP DIM and NCP to:
    1) use new form of IMP message headers, which have an extended foreign host field;
    2) do not produce NCP-style headers for messages that do not originate from the NCP;
    3) fix some minor bugs in NCP;
    4) use some of the new PL/1 compiler features;
    5) changes the data bases to ALM and CDS languages;
    6) only print messages on the BOS console when there are problems with CONFIG cards or the configuration of the ABSI;
    7) add hardcore message documentation.
The ARPANET host number need not appear on the ABSI PRPH card (optional)

9999 Correct the versions of vtoc_man and phcs_ which were inadvertitly changed in previous system installations.

9999 Recompilation of syserr_copy_paged in MSS 31.16 uncovered a bug: syserr_log printing tools do not interpret binary data.

II. SEGMENT CHANGE LOG

SEGMENT NAME		BOUND SEGMENT
get_defptr_.alm	R	bound_sss_active_
imp_attach_.pl1	R	bound_imp_dim_
imp_cleanup.pl1	R	bound_imp_dim_
imp_data.cds	A	-
imp_data.alm	D	-
imp_dcm_data.pl1	R	bound_imp_dim_
imp_dcm_data_masked.pl1	R	bound_imp_status_
imp_dcm_init.pl1	R	bound_imp_dim_
imp_dcm_read.pl1	R	bound_imp_dim_
imp_dcm_write.pl1	R	bound_imp_status_
imp_error.pl1	D	bound_imp_dim_
imp_get_buffer.pl1	R	bound_imp_dim_
imp_global_queue.pl1	R	bound_imp_dim_
imp_init.pl1	R	bound_imp_dim_
imp_input_processor.pl1	R	bound_imp_status_
imp_lock.pl1	R	bound_imp_dim_
imp_mark_host.pl1	R	bound_imp_status_
imp_misc_.pl1	R	bound_imp_dim_
imp_order.pl1	R	bound_imp_dim_
imp_read.pl1	R	bound_imp_dim_
imp_service.pl1	R	bound_imp_dim_
imp_status.pl1	R	bound_imp_status_
imp_status_driver.alm	R	bound_imp_status_
imp_tables.cds	A	-
imp_thread.pl1	R	bound_imp_status_
imp_util_wired.pl1	R	bound_imp_status_
imp_wakeup.pl1	R	bound_imp_status_
imp_wired_buffer_.pl1	R	bound_imp_status_
imp_write_.pl1	R	bound_imp_dim_
imp_write_service.pl1	R	bound_imp_status_
ncp_access_.pl1	R	bound_network0_
ncp_assign_.pl1	R	bound_network0_
ncp_control_.pl1	R	bound_network0_
ncp_error_.pl1	R	bound_network0_
ncp_lock_.pl1	R	bound_network0_
ncp_main_.pl1	R	bound_network0_
ncp_order_.pl1	R	bound_network0_
ncp_params_.alm	R	bound_network0_
ncp_tables.cds	A	-
ncp_tables.alm	D	-
ncp_tbl_.alm	A	bound_network0_
ncp_tbl_.mexp	D	bound_network0_
ncp_tbop_.pl1	R	bound_network0_
ncp_trace_.pl1	R	bound_network0_
ncp_util_.pl1	R	bound_network0_
net_ring0_admin_.alm	R	-
net_ring0_sys_.alm	R	-
phcs_.alm	R	-
syserr_copy_paged.pl1	R	bound_error_active_

II.   SEGMENT CHANGE LOG (continued)

SEGMENT NAME   BOUND SEGMENT

vtoc_man.pl1   R bound_vtoc_man

BIND SEGMENTS

bound_imp_dim_.bind   R
bound_imp_status.bind   R
bound_network0_.bind   R

INCLUDE SEGMENTS

condition_envelope.incl.pl1   A
imp_dcw_list.incl.pl1   A
ipm_him_.incl.pl1   D
imp_ihm_.incl.pl1   D
imp_leader.incl.pl1   A
imp_mem_trace.incl.pl1   A
imp_orders.incl.pl1   A
imp_read_write.incl.pl1   R
iom_imp_dcw_list.incl.pl1   D
ncp_constants_dcls.incl.pl1   R