TO: Distribution

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SUBJECT: Installation of MSS 29.2, and 29.2a

I.   SYSTEM CHANGE LOG

MCP   MODIFICATIONS FOR MSS 29.2

2008 Add ^[...^:...^] features to formline_ (ioa_). These
     controls implement if/then/else and case selection
     facilities.

2027 Initialize tc_data.ncpu to 0, rather than 1, so that
     system_performance_graph command reports proper number of
     CPUs configured.

1119 Add error_table_ codes to support new
     convert_date_to_binary_ subroutines, decode_clock_value_ and
     encode_clock_value_.

1291 Fix bug which prevented pc_contig from evicting
     out-of-service and RSW pages from core frames required for
     abs-wiring of contiguous pages.

1645 Add per-process segment fault, vtoc read, and vtoc write
     counts to values returned by hcs_$get_process_usage. New
     include segment process_usage.incl.pl1 defines revised
     structure accepted by hcs_$get_process_usage.

1787 Modify ring brackets on >system_library_1>definitions_ to be
     0 5 5.

2071 Change set_lock_ to create an event channel only when such a
     channel is required (when the lock is locked).

2103 Meter directory activations on a system-wide basis.

I. SYSTEM CHANGE LOG (continued)

MCR MODIFICATIONS FOR 29.2a

NONE Remove support for quick PL/I put edit statements. This
     code needs further debugging.

II. SEGMENT CHANGE LOG

SEGMENT NAME		BOUND SEGMENT
activate.pl1	R	bound_system_faults
boundfault.pl1	R	bound_system_faults
error_table_.et	R	-
formline_.alm	R	bound_sss_wired_
get_process_usage.pl1	R	bound_process_creation
hardcore.header	R	-
pc_contig.pl1	R	bound_page_control
pds.cds	R	-
pl1_operators_.mexp	R	bound_sss_wired_
put_field_.alm	R	bound_sss_wired_
put_format_.alm	D	bound_sss_wired_
seg_fault.pl1	R	bound_system_faults
set_lock_.pl1	R	bound_ipc_
tc_data.cds	R	-
vtoc_man.pl1	R	bound_vtoc_man

BIND SEGMENTS

bound_sss_wired_.bind	R

INCLUDE SEGMENTS

process_usage.incl.pl1	A
sst.incl.pl1	R