

TO: Distribution
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 DATE: July 13, 1977
 SUBJECT: Installation of MSS 31.8

I. SYSTEM CHANGE LOG

MCR MODIFICATIONS FOR MSS 31.8

2707 Change `error_table_` and all hardcore gate segments into ALM programs instead of MEXP programs. Although the object programs are slightly larger, the linkage fault time is greatly reduced.

9999 Update to `tc_init` to handle an emergency shutdown (esd) failure.

II. SEGMENT CHANGE LOG

SEGMENT NAME		BOUND SEGMENT
<code>admin_gate_alm</code>	A	-
<code>audit_gate_alm</code>	A	-
<code>error_table_alm</code>	A	-
<code>hardcore.header</code>	R	-
<code>hc_backup_alm</code>	A	-
<code>hcs_alm</code>	A	-
<code>hphcs_alm</code>	A	-
<code>init_hardware_gates.pl1</code>	R	<code>bound_temp_2</code>
<code>initializer_gate_alm</code>	A	-
<code>initializer_mdc_alm</code>	A	-
<code>ioi_alm</code>	A	-
<code>mdc_alm</code>	A	-
<code>mdc_priv_alm</code>	A	-
<code>net_ring0_admin_alm</code>	A	-
<code>net_ring0_sys_alm</code>	A	-
<code>net_ring0_user_alm</code>	A	-
<code>phcs_alm</code>	A	-
<code>rcp_alm</code>	A	-
<code>rcp_priv_alm</code>	A	-

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II. SEGMENT CHANGE LOG (continued)

SEGMENT NAME	BOUND SEGMENT
rcp_sys_.alm	A -
restart_fault.alm	R -
shcs_.alm	A -
system_privilege_.alm	A -
tc_init.pl1	R bound_init_1
template_address_space_.alm	A -
xhcs_.alm	A -
admin_gate_.mexp	D -
audit_gate_.mexp	D -
error_table_.et	D -
hc_backup_.mexp	D -
hcs_.mexp	D -
hphcs_.mexp	D -
initializer_gate_.mexp	D -
initializer_mdc_.mexp	D -
ioi_.mexp	D -
mdc_.mexp	D -
mdc_priv_.mexp	D -
net_ring0_admin_.mexp	D -
net_ring0_sys_.mexp	D -
net_ring0_user_.mexp	D -
phcs_.mexp	D -
rcp_.mexp	D -
rcp_priv_.mexp	D -
rcp_sys_.mexp	D -
shcs_.mexp	D -
system_privilege_.mexp	D -
template_address_space_.mexp	D -
xhcs_.mexp	D -

INCLUDE SEGMENTS

et_macros.incl.alm	A
gate_macros.incl.alm	A