TO: Distribution

FROM: Gary C. Dixon

DATE: June 12, 1976

SUBJECT: Installation of MSS 28.6a through 28.6d

A combination of MSS 28.6a and 28.6b was installed on Sunday, June 6, 1976. Included in this system are: a fixed to the new quick 'put edit' to properly signal the size condition for unaligned values being output; a fix to make 'logout hold' work again; fix for minor bugs in define_area_; fix to IOI to prevent potential crashes with user disk I/O.

MSS 28.6c was installed on Monday, June 7, 1976. Included in this system are: a fix to the system default_handler_ to have it again print useful information such as segment referenced by linkage_error, line number on which errors have occurred, ring numbers for crawlouts, etc; part of the fix for the IMP problem which crashes the system when attempting to move a zero length string.

MSS 28.6d was installed on Tuesday, June 8, 1976. Included in this system are: the rest of the fix for the IMP write problem which was partially fixed in 28.6c; the removal of code supporting quick 'put edit', due to a basic flaw in the technique for performing value conversions.

I. System Change Log

Chng	MCR	Change
# 1614	1942	Fixes a bug in outputting unaligned values with quick 'put edit' PL/I statements.
# 1615	None	Fixes 'logout -hold' from causing process to hang.
# 1616	None	Fixes misspelled error messages in define_area_.
# 1617	None	Fixes potential crash caused by user disk I/O.
# 1618	None	Fixes bug in bootstrap1 which caused system crash (ERF 190).

I. System Change Log (continued)

Chng MCR   Change

1619 None Provides partial fix for IMP output problems (illegal
          procedure fault on zero length move).

1620 1870 Fixes default_error_handler_ to again print specific
          diagnostics for various kinds of error (eg, segment
          referenced during linkage fault, program line number
          in error, ring number for crawlouts, etc).

1621 1946 Fixes the rest of the IMP output problems which
          caused the system to crash (ERF 193).

1622 None Removes support for quick "put edit". This facility
          will not be included in MR 4.0.

II. Segment Change Log

Segment Name	Bound Segment	Change #
bootstrap1.alm	-	R 1618
define_area_.pl1	bound_sss_active_	R 1616
get_ppr_.pl1	bound_error_handlers_	R 1620
imp_acm_write.pl1	bound_imp_status	R 1619,1621
ioi_buffer.pl1	bound_iom_active	R 1617
ioi_usurp_channels.pl1	bound_iom_active	R 1617
ncp_assign_.pl1	bound_network0_	R 1621
ncp_main_.pl1	bound_network0_	R 1621
pl1_operators_.mexp	bound_sss_wired_	R 1622
put_field_.alm	bound_sss_wired_	R 1614
put_format_.alm	bound_sss_wired_	R 1614
put_format_.alm	bound_sss_wired_	D 1622
tty_index.pl1	bound_tty_active	R 1615

Include Files

slt_template.incl.alm		R 1618

Bindfiles

bound_iom_active.bind		R 1617
bound_sss_wired_.bind		R 1622
bound_tc_wired.bind		R 1618

III. Bound Segment Change Log

Bound Segment	Change	
bound_error_handlers_	replaced:	get_ppr_
bound_imp_status	replaced:	imp_dcm_write
bound_iom_active	replaced:	iol_usurp_channels
		iol_buffer
bound_network0_	replaced:	ncp_main_
		ncp_assign_
bound_sss_active_	replaced:	define_area_
bound_sss_wired_	replaced:	put_field_
		pl1_operators_
	deleted:	put_format_
bound_tty_active	replaced:	tty_index