

TO: Distribution
FROM: Peter B. Kelley
DATE: March 5, 1974
SUBJECT: Installation of MSS 23.5

The hardcore system, MSS 23.5 was installed at 9:00 AM on Tuesday, March 5, 1974. This system includes the implementation of asynchronous I/O for the operator's console and the syserr logging mechanism, an increased size of the device table in active_hardcore_data, the ability to allow tape_ to work with the MTS-500 at 800 bpi, the addition of the entry tdcn_promote to hcs_ and several bug fixes. The system libraries were updated at 2:55 on Tuesday, March 5, 1974.

I. System Change Log

<u>Chng</u>	<u>MCR</u>	<u>Change</u>
1271	080	Implementation of asynchronous I/O for the operator's console and the syserr logging mechanism.
1272	233	Increase the size of the device table in active_hardcore_data.
1273	007	Allow tape_ to work with the MTS-500 at 800 bpi.
1274	282	Fix bugs 238, 239 in timer_manager_.
1275	284	Addition of the entry tdcn_promote to hcs_.
1276	337	Change active_hardcore_data\$max_tree_depth from 16 to 15.
1277	021	Correct typing errors in error_table_.

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II. Segment Change Log

<u>Segment Name</u>	<u>Bound Segment</u>	<u>Change #</u>
active_hardcore_data	-	R 1272
		R 1276
emergency_shutdown	-	R 1271
error_table_	-	R 1277
hcs_	-	R 1275
hphcs_	-	R 1271
init_collections	bound_init_1	R 1271
meter_oc_log_	bound_error_wired_	A 1271
oc_data	-	R 1271
oc_data_init	bound_temp_1	A 1271
oc_trans_input_	bound_oc_	A 1271
oc_trans_output_	bound_sss_wired_	A 1271
ocdcm_	bound_error_wired	A 1271
ocdim_	bound_oc_	R 1271
privileged_mode_ut	-	R 1271
read_convert_	bound_oc_	D 1271
scs	-	R 1271
scs_init	bound_temp_1	R 1271
shutdown	bound_file_system	R 1271
sys_info	-	R 1271
syserr	bound_error_wired	R 1271
syserr_data	-	R 1271
syserr_init	bound_temp_1	D 1271
syserr_log_init	bound_temp_1	A 1271
syserr_logger	bound_error_wired	A 1271
syserr_real	bound_error_wired	R 1271
tape_xtach_	bound_tape_	R 1273
timer_manager_	bound_command_loop_	R 1274
wired_hardcore_data	-	R 1271

Include Files

ios_sdb.incl.pl1	A 1271
ios_status.incl.pl1	A 1271
oc_data.incl.pl1	A 1271
oc_log_meters.incl.pl1	A 1271
syserr_data.incl.pl1	A 1271
syserr_log_data.incl.pl1	A 1271

Bindfiles

bound_error_wired.bind	R 1271
bound_oc_.bind	R 1271
bound_sss_wired_.bind	R 1271
bound_temp_1.bind	R 1271

III. Bound Segment Change Log

<u>Bound Segment</u>	<u>Change</u>
bound_oc_	added: oc_trans_input_ replaced: ocdim_ deleted: read_convert_
bound_temp_1	added: oc_data_init_ syserr_log_init replaced: scs_init deleted: syserr_init
bound_file_system	replaced: shutdown
bound_error_wired	added: meter_oc_log_ oc_dcm_ syserr_logger replaced: syserr syserr_real
bound_sss_wired_	added: oc_trans_output_
bound_init_1	replaced: init_collections
bound_command_loop_	replaced: timer_manager_
bound_tape_	replaced: tape_xtach_

IV. Header Change Log

1271 The names oc_dcm_ and syserr_logger were added to the header entry bound_error_wired; the name oc_trans_output_ was added to the header entry bound_sss_wired_; the names syserr_log_init, oc_data_init were added to the header entry bound_temp_1. The header entries oc_data and syserr_data were added. The name read_convert was deleted from the header entry bound_oc_.