To: Distribution

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Subject: MPM Documentation for Multics Release 4.0

We have started to update MPM documentation for Multics
release 4.0. The list below indicates the module descriptions
and text sections of the MPM that we know must be updated. We
devised this list from the MCRs, MTBs, and documentation given to
us over the past six months. Please check the list for sins of
omission and let us know about them by April 9th. Also, if a
"system enhancement" is underway that requires sections of the
MPM to be updated, please let us know about them by April 9th
even if the full scope of the change has not yet been realized.

Reference Guide, AG91
      Section I "Multics Concepts and Characteristics"
            add general information on NSS
            update glossary of Multics terms

      Section II "Multics Storage System"
            rewrite to correspond to NSS

      Section III "Naming, Command Language, and Typing Conventions"
            rewrite "Typing Conventions"

      Section IV "Multics Programming Environment"
            may need to update "Address Space Management"
            rewrite "Clock Services"

      Section V "Input and Output Facilities"
            update and add section on tapes

      Section VII "Handling Unusual Occurrences"
            rewrite and correct numerous errors

Commands, AG92

accept_messages	delete_acl	move_quota
adjust_bit_count	delete_dir	print_messages
assign_resource	do	repeat_query
basic ?	dump_segment	runoff_abs
check_info_segs	exec_com	send_message
code	get_quota	sort_seg
copy_file	io_call	status
create_dir	list_acl	where
decode	list_temp_segments	MAP ?
defer_messages	mail	

sort will be removed (see "Notes" below).

Subroutines, AG93

get_temp_segments_	rdisk_
ioa_	tape_ansi_ ?
iox_	tape_ibm_ ?
release_temp_segments_	tty_
sub_err_	vfile_
ntape_	

SWG, AK92

    Section IV "Implementation of Input/Output Modules"
        new io_call information

    Section VI "Command Descriptions"

alm	set_max_length
get_dir_quota	set_mdir_account
list_mdir	set_mdir_owner
mbx_set_max_length	set_mdir_quota
move_dir_quota	set_volume_quota
	set_dir_quota

    Section VII "Subroutine Descriptions"
        hcs_$quota_read
        hcs_$star_list
        hcs_$star_dir_list
        mdc_

Notes -- Coming Attractions:

4.0   sort/merge information will be removed from the MPM
        and incorporated into a new manual. The MPM will
        refer users of these commands to the new manual.

5.0   (or thereabouts) either the tape module descriptions
        will be in a separate manual or all the I/O
        information will be in a separate manual. Also, all
        the gcos commands will be removed from the MPM and
        incorporated into the <u>GCOS Environment Simulator</u>
        manual, AN05.