

MULTICS STAFF BULLETIN - 83

TO: MSB Distribution
FROM: J. Andrews
DATE: December 26, 1972
SUBJECT: SPS Index by Function

The information in this MSB is current through revision 37 of the SPS. The SPS index is used as the data base.

This MSB is divided into two parts. Part 1 is a list of the categories and Part 2 is a list of the modules that comprise each category.

SPS Index by Function

Use this index to locate all segments listed in the SPS having to do with a particular function (subject, command, module, etc.)

First choose a subject from Part 1 then refer to Part 2 for a list of segments related to that subject.

Please address comments concerning this index to J. Andrews, Honeywell, or send mail to JAndrews Multics.

Part 1

abbrev (see command utility)
absentee user facility
access control
active function
address space manager
Administrative Ring Protection
administrative subroutine
alm (see command utility)
archive (see command utility)
ARPA Network

backup
BASIC (see command utility)
BCPL (see command utility)
bind (see command utility)
binder (see user subroutine)
bos

card I/O
command
command (admin)
command (card I/O)
command (FS)
command (I/O)
command (ms)
command (SS)
command (tool)
command (UC)
command environment
command utility
command utility (abbrev)
command utility (alm)
command utility (archive)
command utility (back trace)
command utility (basic)
command utility (bcpl)
command utility (bind)
command utility (binder)

command utility (calc)
command utility (debug)
command utility (deh)
command utility (exec_com)
command utility (expand)
command utility (fortran)
command utility (lisp)
command utility (msl)
command utility (mst gen)
command utility (pl1)
command utility (pl1/fortran)
command utility (pt)
command utility (qedx)
command utility (sog)
command utility (tool)
communication line DCM
cross-referencer

daemon manager
Dartmouth subsystem
data base
debug (see command utility)
directory control
dump analysis (see on-line dump analysis)

error analysis
error checkout
error handling (see hardcore error handling)

fast command loop
file system utility
fortran (see command utility)
fortran runtime support
FSIM

GIQC Calls
graphics (see also user subroutine)

hardcore debugging
hardcore data base (see data base)
hardcore error handling
hardcore I/O
hardcore IPC
hardcore protection
hardcore utility
hardware I/O
hcs_ (see user subroutine)

Interprocess Communication
initialization (see system initialization)
I/O daemon
IMP DIM (see ARPA Network)
IOAT (I/O Assignment Table)

ios_ (see user subroutine)
IOSIM (I/O System Interface Module)

library updater
limited service system
linker control
lisp (see command utility)

math library
message segment utility
metering (see page, system metering)
metering tool
MST checker
multilevel

obsolete (includes probe)
on-line dump analysis

page control
page metering
peruse text (see command utility)
PL/I run-time support
pl1/fortran I/O
pl1 runtime support
orelinker
printer DCM
probe (see obsolete)
process control
process initialization
processor control

qedx (see command utility)
quota control

reconfiguration
runtime support (see fortran,,pl1)

salvager
see GUS (Graphics User's Supplement)
see Operator's Guide to BOS
see SWS (Subsystem Writers Supplement)
segment control
shutdown
Special Active Functions (see active functions)
submission test
system administration
system assurance
system control
system data base (see data base)
system initialization
system initialization (I/O)
system initialization (SC)
system initialization (TC)

system metering
system writearound

tape DCM (Device Control Module)
tape DSM (Device Strategy Module)
traffic control
translator daemon

user control
user data base (see data base)
User Ring I/O
User Ring IOSIM
User Ring IPC
user subroutine
user subroutine (binder)
user subroutine (file_)
user subroutine (graphics)
user subroutine (hcs_)
user subroutine (I/O)
user subroutine (IMP)
user subroutine (ios_)
user subroutine (tool)

writearound (see system writearound)

Part 2

In the list that follows, the segments are arranged in alphabetical order within specific categories. For example, the names of all segments that deal with Administrative Ring protection may be found on the following page.

absentee_dim_	01/12/71	absentee user facility
absentee_dim_util_	09/13/72	absentee user facility
absentee_overseer_	01/13/71	absentee user facility
absentee_test_	*1	absentee user facility
absentee_user_manager_	*3 12/30/71	absentee user facility
absentee_utility_	03/24/72	absentee user facility
lar_util_	10/29/71	absentee user facility
uct	12/22/70	access control
usercode	07/14/70	access control
get_pathname	see MPM	active function
od	see MPM	active function
user	see MPM	active function
user	see SWS	active function
wd	see MPM	active function
and	see MPM	(Special Active Functions)

divide	see MPM	(Special Active Functions)
equal	see MPM	(Special Active Functions)
exists	see MPM	(Special Active Functions)
greater	see MPM	(Special Active Functions)
index	see MPM	(Special Active Functions)
index_set	see MPM	(Special Active Functions)
length	see MPM	(Special Active Functions)
less	see MPM	(Special Active Functions)
minus	see MPM	(Special Active Functions)
mod	see MPM	(Special Active Functions)
not	see MPM	(Special Active Functions)
or	see MPM	(Special Active Functions)
plus	see MPM	(Special Active Functions)
substr	see MPM	(Special Active Functions)
times	see MPM	(Special Active Functions)

kst_entry_check	07/06/72	address space manager
kst_man	10/22/71	address space manager
sum	10/19/71	address space manager

admin_gate_	08/25/71	Administrative Ring protection
installation_tools_	04/11/72	Administrative Ring protection
message_segment_	01/11/72	Administrative Ring protection
mseg_access_	06/22/71	Administrative Ring protection
msu_	06/24/71	Administrative Ring protection
netp_	10/06/72	Administrative Ring protection

ring_1_tools_	07/27/72	administrative subroutine
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host_id_	*3	10/12/71	ARPA Network
host_table	*4		ARPA Network
imo_dim_		08/10/71	ARPA Network
imo_dim_buf_		01/28/71	ARPA Network
imo_dim_db	*4		ARPA Network
imo_get_buffer	*1		ARPA Network
imp_gloc_		02/09/71	ARPA Network
imo_global_status	*1		ARPA Network
imo_init	*1		ARPA Network
imo_macros	*4		ARPA Network
imo_order	*1		ARPA Network
imo_read	*1		ARPA Network
imp_service	*1		ARPA Network
imo_status		01/28/71	ARPA Network
imo_thread	*1		ARPA Network
imo_validate_lock	*1		ARPA Network
imo_write	*1		ARPA Network
imoseg_		01/12/71	ARPA Network
logger_		09/28/71	ARPA Network
nco_		09/18/72	ARPA Network
nco_global_data		11/29/72	ARPA Network
nco_macros		09/28/71	ARPA Network
nco_main_	*3	03/29/69	ARPA Network
nco_proc_data	*4		ARPA Network

nco_ring_	*3	09/28/71	ARPA Network
nco_status_		10/06/72	ARPA Network
nco_sym_		06/14/71	ARPA Network
nco_tbl_		10/06/72	ARPA Network
nco_tboo_		09/21/72	ARPA Network
nco_util_		10/31/72	ARPA Network
nco_write_force_		09/15/72	ARPA Network
net_converter_	*4		ARPA Network
net_db_		09/13/72	ARPA Network
net_driver	*4		ARPA Network
net_log_	*4		ARPA Network
net_tty_		11/02/71	ARPA Network
netcall		02/08/72	ARPA Network
nttydim_	*3	02/09/72	ARPA Network
print_host		10/15/71	ARPA Network
set_net_uid		10/05/71	ARPA Network
telnet_	*1		ARPA Network
backup_cleanup		06/16/70	backup
backup_dump	*3	06/15/70	backup
backup_dump_recurse		06/15/70	backup
backup_load	*3	01/12/70	backup
backup_load_dir_list		05/08/72	backup
backup_map_		04/12/72	backup
backup_util		04/12/72	backup
bk_arg_reader_	*4		backup
bk_input		01/26/71	backup
bk_output		08/28/70	backup
bk_retrieve	*4		backup
bk_ss_	*3	02/11/72	backup
reload	*3	05/29/70	backup
sort_branches	*4		backup
start_dump	*3	06/17/71	backup
boot	*1		bos
bos include files	*4		bos
equ	*1		bos
gioc	*1		bos
gioc1	*1		bos
load (BOS)	*1		bos
loadm	*4		bos
patch (BOS)		04/16/69	bos
salv	*1		bos
setup	*1		bos
taped	*1		bos
check_cd		08/17/71	card I/O
cnseg		11/17/71	card I/O
date_deleter		02/17/71	card I/O
flipper_dim		01/06/72	card I/O
fliotab		08/23/71	card I/O
mcc_		05/10/72	card I/O
mcc_dim		01/06/72	card I/O

mpc_deck_conv	*4	card I/O
raw_	05/02/72	card I/O
raw_dim	01/07/72	card I/O
rdr21	10/25/72	card I/O
rdr21_dim	01/07/72	card I/O
viipunch_	06/27/72	card I/O
viipunch_dim	01/06/72	card I/O
abbrev	see MPM	command
adjust_bit_count	see MPM	command
alm	see MPM	command
alm_abs	see MPM	command
answer	see MPM	command
archive	see MPM	command
archive_sort	see MPM	command
basic	see MPM	command
basic_run	see MPM	command
basic_system	see MPM	command
bind	see MPM	command
calc	see MPM	command
cancel_abs_request	see MPM	command
cancel_abs_request	10/15/71	command
canonicalize	12/30/71	command
change_default_wdir	see MPM	command
change_error_mode	see MPM	command
change_wdir	see MPM	command
check_info_segs	see MPM	command
copy	see MPM	command
copy_mst	01/12/70	command
cv_omf	see SWS	command
debug	see MPM	command
decam	see MPM	command
display_component_name	see MPM	command
dprint	see MPM	command
dpunch	see MPM	command
dump_segment	see MPM	command
edit_mst_header	07/27/70	command
edm	see MPM	command
enter	see MPM	command
enter_abs_request	see MPM	command
error_table_compiler	see SWS	command
exec_com	see MPM	command
expand	07/14/70	command
file_output	see MPM	command
fortran	see MPM	command
fortran_abs	see MPM	command
help	see MPM	command
hold	see MPM	command
home_dir	see MPM	command
how_many_users	see MPM	command
if	01/28/72	command
initiate (command)	see MPM	command
liso	see MPM	command

list_abs_requests	see MPM	command
list_abs_requests	10/12/71	command
list_ref_names	see MPM	command
mail	see MPM	command
make_commands	see SWS	command
make_peruse_text	see MPM	command
new_proc	see MPM	command
peruse_text	see MPM	command
o11	see MPM	command
o11_abs	see MPM	command
pre_page_on	see SWS	command
print (Multics)	see MPM	command
print_attach_table	see MPM	command
print_bind_map	see MPM	command
print_dartmouth_library	see MPM	command
print_default_wdir	see MPM	command
print_entry_usage	see MPM	command
print_link_info	see MPM	command
print_linkage_usage	see MPM	command
print_search_rules	see MPM	command
print_wdir	see MPM	command
program_interrupt	see MPM	command
qedx	see MPM	command
ready	see MPM	command
ready_off	see MPM	command
ready_on	see MPM	command
release	see MPM	command
reorder_archive	see MPM	command
reprint_error	see MPM	command
resource_usage	see MPM	command
runoff	see MPM	command
runoff	*4	command
set_com_line	see MPM	command
set_dartmouth_library	see MPM	command
set_ring_brackets	see SWS	command
sort_file	see MPM	command
start	see MPM	command
trace_stack	see MPM	command
translate_gate	see SWS	command
walk_subtree	see MPM	command
who	see MPM	command
setquota	06/14/71	command (admin)
locall	see MPM	command (I/O)
lomode	see MPM	command (I/O)
line_length	see MPM	command (I/O)
message_segment_addname	01/11/72	command (ms)
message_segment_create	09/08/71	command (ms)
message_segment_delete	09/03/71	command (ms)
message_segment_deleteacl	08/06/71	command (ms)
message_segment_deletename	01/12/72	command (ms)

message_segment_listacl	08/17/71	command (ms)
message_segment_rename	01/31/72	command (ms)
message_segment_setacl	08/20/71	command (ms)
message_table_	02/08/72	command (ms)
message_table_compiler	12/29/71	command (ms)

addname	see MPM	command (SS)
create	see MPM	command (SS)
createdir	see MPM	command (SS)
delete	see MPM	command (SS)
delete_dir	see MPM	command (SS)
deleteacl	see MPM	command (SS)
deleteforce	see MPM	command (SS)
deletename	see MPM	command (SS)
fs_chname	see MPM	command (SS)
getquota	see MPM	command (SS)
link	see MPM	command (SS)
list	see MPM	command (SS)
listacl	see MPM	command (SS)
move	see MPM	command (SS)
movequota	see MPM	command (SS)
names	see MPM	command (SS)
rename	see MPM	command (SS)
set_bit_count	see MPM	command (SS)
set_search_dirs	see MPM	command (SS)
set_search_rules	see MPM	command (SS)
setacl	see MPM	command (SS)
status (command)	see MPM	command (SS)
terminate	see MPM	command (SS)
unlink	see MPM	command (SS)
where	see MPM	command (SS)

alarm_clock_meters	11/15/72	command (tool)
bc	*1	command (tool)
change_tuning_parameters	05/10/71	command (tool)
cleanup	01/04/71	command (tool)
copy_out	04/21/72	command (tool)
copy_words	01/22/71	command (tool)
cross_reference	07/16/71	command (tool)
dialup_times	05/10/71	command (tool)
disk_queue	06/02/71	command (tool)
dump_anstbl	03/08/71	command (tool)
enter_abs_request	*4	command (tool)
error_table_compiler	*1	command (tool)
file_system_meters	*3 06/10/71	command (tool)
flush	12/04/70	command (tool)
force_printer_detach	02/17/71	command (tool)
gate_sw	06/27/72	command (tool)
gen_sst_card	03/27/72	command (tool)
generate_mst	01/12/71	command (tool)
get_library_source	*3 01/03/72	command (tool)
lcref	11/19/71	command (tool)
install	11/16/70	command (tool)

internal_routines	09/12/72	command (tool)
loc	11/30/72	command (tool)
list_sub_tree	05/10/72	command (tool)
meter_fim	05/16/72	command (tool)
meter_gate	05/01/70	command (tool)
meter_signal	12/07/71	command (tool)
msl_add	02/26/71	command (tool)
msl_global_format	12/30/71	command (tool)
msl_info	12/29/71	command (tool)
msl_short_format	01/03/72	command (tool)
msl_transmog	11/06/70	command (tool)
msl_ud	02/12/71	command (tool)
ncp_test	01/14/71	command (tool)
nothing	01/12/70	command (tool)
page_multilevel_meters	12/05/72	command (tool)
patch_ring_zero	11/04/70	command (tool)
omsm	*1	command (tool)
pre_page_meters	05/17/71	command (tool)
print_apf_entry	05/04/71	command (tool)
print_aste_ptp	04/23/71	command (tool)
print_command_usage	*4	command (tool)
print_configuration_deck	11/13/72	command (tool)
print_dump_tape	*3 12/22/71	command (tool)
print_error_message	05/05/71	command (tool)
repeat	04/30/70	command (tool)
ring_zero_dump	11/09/70	command (tool)
set_timax	06/01/71	command (tool)
setcopysw	07/01/71	command (tool)
source_submission_test	*3 07/28/71	command (tool)
source_test_	11/22/72	command (tool)
submission_test	*4	command (tool)
submit_abs_request	09/21/71	command (tool)
system_performance_graph	07/13/71	command (tool)
tape_channel_clear	03/24/72	command (tool)
test_tape	*4	command (tool)
test_timer_manager	07/16/71	command (tool)
total_time_meters	05/06/71	command (tool)
traffic_control_meters	05/06/71	command (tool)
traffic_control_queue	05/17/71	command (tool)
translate_gate	10/24/72	command (tool)
tty_lines	11/24/70	command (tool)
unassign_device	03/15/71	command (tool)
update_include	05/28/71	command (tool)
logout	see MPM	command (UC)
print_pdt	10/24/72	command (UC)
print_ont	11/25/70	command (UC)
print_sat	11/25/70	command (UC)
cp_data	*4	command environment
default_error_handler_	01/07/72	command environment
full_command_processor_	*4	command environment
full_find_command_	*4	command environment

lsn_util	*4	command environment
real_hold_	*4	command environment
real_init_admin_	*4	command environment
real_sdh_	*4	command environment
rest_of_cu_	*4	command environment
active_fnc_err_	see MPM	command utility
adjust_bit_count_	see MPM	command utility
bindec	07/30/71	command utility
change_wdir_	see MPM	command utility
check_path_name_	05/29/70	command utility
check_priv_access_	12/29/70	command utility
com_err_	see MPM	command utility
com_query_	12/30/70	command utility
command_processor_	03/26/70	command utility
command_usage_data_	04/25/72	command utility
copy_acl_	see MPM	command utility
copy_names_	see MPM	command utility
copy_seg_	see MPM	command utility
cu_	see MPM	command utility
cu_	see SWS	command utility
cu_	06/23/71	command utility
decode_definition_	11/16/72	command utility
decode_descriptor_	see MPM	command utility
dl_handler_	02/08/72	command utility
equal_	see MPM	command utility
find_acl_names_	01/05/72	command utility
find_include_file_	*4	command utility
form_bind_map_	07/21/71	command utility
get_bound_seg_info_	10/06/72	command utility
get_com_line	see MPM	command utility
get_primary_name_	09/14/72	command utility
get_wdir_	see MPM	command utility
interpret_bind_map_	12/30/71	command utility
proc_brackets_	08/02/71	command utility
proc_parens_	06/30/71	command utility
proc_quotes_	07/01/71	command utility
ti_	see MPM	command utility
translator_info_	*4	command utility
abbrev_	see SWS	command utility (abbrev)
alm	07/30/71	command utility (alm)
alm_cross_reference_	11/27/72	command utility (alm)
alm_definitions_	11/13/72	command utility (alm)
alm_include_file_	*4	command utility (alm)
alm_source_map_	11/27/72	command utility (alm)
almsym_	08/03/71	command utility (alm)
ascevl_	04/05/71	command utility (alm)
decevl_	04/12/72	command utility (alm)
decode_link_	04/07/71	command utility (alm)
decsub_	07/28/72	command utility (alm)
eb_data_	*4	command utility (alm)

expevl_	07/21/71	command utility (alm)
getbit_	*1	command utility (alm)
getid_	03/29/71	command utility (alm)
glob_	05/26/71	command utility (alm)
inouts_	04/06/71	command utility (alm)
litevl_	*1	command utility (alm)
lstman_	*4	command utility (alm)
make_alm_object_map_	11/27/72	command utility (alm)
merge_	03/16/71	command utility (alm)
modevl_	03/16/71	command utility (alm)
multics_645_assembler_	*3 03/26/71	command utility (alm)
new_sthedr_	*4	command utility (alm)
object_	02/08/72	command utility (alm)
octevl_	03/26/71	command utility (alm)
oplook_	03/26/71	command utility (alm)
pakbit_	03/12/71	command utility (alm)
pass1_	03/12/71	command utility (alm)
pass2_	03/15/71	command utility (alm)
postp1_	*1	command utility (alm)
postp2_	08/02/71	command utility (alm)
prlst_	07/23/71	command utility (alm)
prnam_	03/15/71	command utility (alm)
prnter_	02/25/71	command utility (alm)
prwr_	02/02/71	command utility (alm)
pulnk_	02/02/71	command utility (alm)
pusmb_	02/02/71	command utility (alm)
outout_	*1	command utility (alm)
outxt_	02/03/71	command utility (alm)
setid_	02/02/71	command utility (alm)
sthdr_	*3 07/15/71	command utility (alm)
table_	05/26/71	command utility (alm)
utils_	*3 02/08/71	command utility (alm)
varevl_	06/03/71	command utility (alm)
vfdevl_	08/09/71	command utility (alm)
archive_aux_	08/28/72	command utility (archive)
archive_data_	05/01/72	command utility (archive)
archive_key_	06/14/71	command utility (archive)
archive_star_	12/29/70	command utility (archive)
archive_util_	05/02/72	command utility (archive)
find_fault_frame	*4	command utility (back trace)
find_op_	*4	command utility (back trace)
interpret_ptr	*4	command utility (back trace)
list_frame_args	*4	command utility (back trace)
list_onunits_	*4	command utility (back trace)
trace_stack_	*4	command utility (back trace)
bcpl_alm_	*4	command utility (bcpl)
bcpl_cae0	*4	command utility (bcpl)
bcpl_cae1	11/27/72	command utility (bcpl)
bcpl_cae2	*4	command utility (bcpl)
bcpl_cg0	11/27/72	command utility (bcpl)

bcpl_cg1	*4		command utility (bcpl)
bcpl_cg2		11/27/72	command utility (bcpl)
bcpl_cg3		11/27/72	command utility (bcpl)
bcpl_cg4		11/10/72	command utility (bcpl)
bcpl_cg5		11/27/72	command utility (bcpl)
bcpl_cg6		11/27/72	command utility (bcpl)
bcpl_driver		11/13/72	command utility (bcpl)
bcpl_lo_	*4		command utility (bcpl)
bcpl_lex0		11/27/72	command utility (bcpl)
bcpl_lex1		11/10/72	command utility (bcpl)
bcpl_lex2		11/27/72	command utility (bcpl)
bcpl_lib_	*4		command utility (bcpl)
bcpl_plist		11/27/72	command utility (bcpl)
bcpl_reoort	*4		command utility (bcpl)
bcpl_trans0		05/08/72	command utility (bcpl)
bcpl_trans1		11/27/72	command utility (bcpl)
bcpl_trans2	*4		command utility (bcpl)
bcpl_trans3		11/29/72	command utility (bcpl)
bcpl_trans4		04/13/72	command utility (bcpl)
bcpl_utility		11/15/72	command utility (bcpl)
bcpl_version		11/10/72	command utility (bcpl)
binder_		01/14/71	command utility (binder)
binder_vers_		04/06/71	command utility (binder)
dissect_object_		12/28/70	command utility (binder)
ext_link_		04/06/71	command utility (binder)
generate_def_		12/28/70	command utility (binder)
get_relinfo_		01/07/71	command utility (binder)
incorporate_options_		12/28/70	command utility (binder)
int_link_		04/05/71	command utility (binder)
make_bindmap_		07/21/71	command utility (binder)
make_bound_object_map_		09/12/72	command utility (binder)
make_defs_		12/28/70	command utility (binder)
parse_bindfile_		12/28/70	command utility (binder)
rebuild_object_		12/28/70	command utility (binder)
relocate_symbol_		09/07/72	command utility (binder)
temp_mgr_		04/02/71	command utility (binder)
append_relocation_bits_		06/26/70	command utility (binder)
comp_acc_		06/26/70	command utility (binder)
compute_link_info_		06/26/70	command utility (binder)
erase_seg_num_		06/26/70	command utility (binder)
fix_linkage_section_		07/14/70	command utility (binder)
fnhref_		09/21/70	command utility (binder)
get_ext_sym_		07/14/70	command utility (binder)
get_sym_def_		07/14/70	command utility (binder)
insert_seg_num_		07/14/70	command utility (binder)
relocate_segment_		07/14/70	command utility (binder)
ffio		03/02/70	command utility (calc)
ffop		03/02/70	command utility (calc)
db_alm		10/08/71	command utility (debug)

db_assign	05/17/71	command utility (debug)
db_break	06/04/71	command utility (debug)
db_data	06/25/71	command utility (debug)
db_get_count	05/17/71	command utility (debug)
db_print	05/18/71	command utility (debug)
db_reg	06/15/71	command utility (debug)
db_sym	05/17/71	command utility (debug)
debug	06/14/71	command utility (debug)
dissassemble	05/18/71	command utility (debug)
get_break_map_ptr_	10/24/72	command utility (debug)
get_sym	06/25/71	command utility (debug)
gr_print	10/05/71	command utility (debug)
legal_f_	06/18/71	command utility (debug)
scan_arg_	05/17/71	command utility (debug)
find_operator_name_	12/15/71	command utility (deb)
eval_ec_if_test_	*4	command utility (exec_com)
exec_com	01/13/71	command utility (exec_com)
exec_com_	01/13/71	command utility (exec_com)
process_input_string_	04/12/72	command utility (exec_com)
expand_	09/17/70	command utility (expand)
dcl	11/26/71	command utility (fortran)
endfile	see MPM	command utility (fortran)
entry_vector	*1	command utility (fortran)
expression_parse	11/19/71	command utility (fortran)
flex	12/30/71	command utility (fortran)
fortran	12/22/71	command utility (fortran)
fortran_assign_parse	12/20/71	command utility (fortran)
fortran_blast_	*1	command utility (fortran)
fortran_crse_parse	12/22/71	command utility (fortran)
fortran_data	11/22/71	command utility (fortran)
fortran_data_image	*1	command utility (fortran)
fortran_do_parse	12/15/71	command utility (fortran)
fortran_error_messages	11/09/71	command utility (fortran)
fortran_error_messages.message	11/2/71	command utility (fortran)
fortran_format_parse	12/21/71	command utility (fortran)
fortran_if_parse	12/20/71	command utility (fortran)
fortran_io_	*1	command utility (fortran)
fortran_io_parse	12/21/71	command utility (fortran)
fortran_parse	12/21/71	command utility (fortran)
fortran_reserve	09/12/72	command utility (fortran)
fortran_subroutine_parse	11/26/71	command utility (fortran)
fortran_symbol_print	11/10/71	command utility (fortran)
ft_link_vector	*1	command utility (fortran)
ftn_io_input_	*1	command utility (fortran)
ftn_lex_data	12/20/71	command utility (fortran)
ftnio_	*1	command utility (fortran)
go_to_parse	11/23/71	command utility (fortran)
initial_attribute	12/07/71	command utility (fortran)
make_format	12/20/71	command utility (fortran)

operator_semantics	11/23/71	command utility (fortran)
prologue_entry	11/09/71	command utility (fortran)
reference_parse	11/26/71	command utility (fortran)
replace_parameters	11/26/71	command utility (fortran)
set_parameters	12/03/71	command utility (fortran)
stmt_func_parse	12/01/71	command utility (fortran)
subscriber	11/26/71	command utility (fortran)
type	12/08/71	command utility (fortran)
lc_compute_result_	09/08/71	command utility (lisp)
lc_constants_	08/20/71	command utility (lisp)
lc_entries_	09/08/71	command utility (lisp)
lc_labels_	08/31/71	command utility (lisp)
lc_load_	08/24/71	command utility (lisp)
lc_output_	09/08/71	command utility (lisp)
lc_store_arg_	08/23/71	command utility (lisp)
lc_test_condition_	08/23/71	command utility (lisp)
lc_variables_	08/31/71	command utility (lisp)
lisp	05/21/71	command utility (lisp)
lisp_	07/21/71	command utility (lisp)
lisp_alloc_	04/29/71	command utility (lisp)
lisp_buffer_man_	04/29/71	command utility (lisp)
lisp_char_fns_	02/02/71	command utility (lisp)
lisp_compiler_	09/03/71	command utility (lisp)
lisp_compiler_globals_	10/28/71	command utility (lisp)
lisp_define_	05/25/71	command utility (lisp)
lisp_err_	05/25/71	command utility (lisp)
lisp_eval_utils_	07/23/71	command utility (lisp)
lisp_garbage_collector_	04/29/71	command utility (lisp)
lisp_get_atom_	04/29/71	command utility (lisp)
lisp_io_	06/02/71	command utility (lisp)
lisp_lex_	06/14/71	command utility (lisp)
lisp_list_utils_	06/03/71	command utility (lisp)
lisp_oblist_fns_	01/28/71	command utility (lisp)
lisp_operators_	11/24/71	command utility (lisp)
lisp_prologue_interpreter_	09/27/71	command utility (lisp)
lisp_property_fns_ *1		command utility (lisp)
lisp_save_	04/29/71	command utility (lisp)
lisp_segment_manager_	05/04/71	command utility (lisp)
lisp_special_fns_	07/21/71	command utility (lisp)
lisp_standard_environment_ *1		command utility (lisp)
lisp_static_vars_	08/02/71	command utility (lisp)
lisp_utils_	05/21/71	command utility (lisp)
msl_update	04/01/70	command utility (msl)
msl_util	12/09/70	command utility (msl)
msl_util1	11/02/70	command utility (msl)
qm_data_	01/19/71	command utility (mst gen)
qm_error_	07/31/70	command utility (mst gen)
qm_path_list	01/21/71	command utility (mst gen)
qm_util1_	07/31/70	command utility (mst gen)
qm_util_	07/31/70	command utility (mst gen)

gm_write_first_seg_	07/31/70	command utility (mst gen)
builtin_function	12/15/71	command utility (pl1)
initialize_builtin	*1	command utility (pl1)
static_area	*1	command utility (pl1)
arith_data	*1	command utility (pl1/fortran)
arith_op	08/04/71	command utility (pl1/fortran)
assign_op	07/29/71	command utility (pl1/fortran)
assign_storage	07/30/71	command utility (pl1/fortran)
base_man	07/28/71	command utility (pl1/fortran)
c_a	07/30/71	command utility (pl1/fortran)
call_op	07/26/71	command utility (pl1/fortran)
cq_entry_vector	*1	command utility (pl1/fortran)
cq_error	07/28/71	command utility (pl1/fortran)
cq_signal_catcher	*1	command utility (pl1/fortran)
cq_stat	*4	command utility (pl1/fortran)
code_generator	07/28/71	command utility (pl1/fortran)
compare_expression	*1	command utility (pl1/fortran)
compile_block	*4	command utility (pl1/fortran)
compile_entry	*4	command utility (pl1/fortran)
compile_exp	*4	command utility (pl1/fortran)
compile_link	*4	command utility (pl1/fortran)
compile_messages	11/11/71	command utility (pl1/fortran)
compile_statement	*4	command utility (pl1/fortran)
compile_tree	*4	command utility (pl1/fortran)
complex_stuff	*1	command utility (pl1/fortran)
constant_zero	*4	command utility (pl1/fortran)
convert	11/24/71	command utility (pl1/fortran)
copy_expression	11/23/71	command utility (pl1/fortran)
copy_temp	*4	command utility (pl1/fortran)
create_array	12/03/71	command utility (pl1/fortran)
create_block	11/24/71	command utility (pl1/fortran)
create_bound	11/05/71	command utility (pl1/fortran)
create_context	12/05/71	command utility (pl1/fortran)
create_cross_reference	12/03/71	command utility (pl1/fortran)
create_identifier	11/24/71	command utility (pl1/fortran)
create_label	11/15/71	command utility (pl1/fortran)
create_list	11/23/71	command utility (pl1/fortran)
create_operator	12/03/71	command utility (pl1/fortran)
create_parameter	11/24/71	command utility (pl1/fortran)
create_reference	12/05/71	command utility (pl1/fortran)
create_statement	12/04/71	command utility (pl1/fortran)
create_storage	11/05/71	command utility (pl1/fortran)
create_symbol	11/24/71	command utility (pl1/fortran)
create_token	12/03/71	command utility (pl1/fortran)
declaration_parse	12/31/71	command utility (pl1/fortran)
declare_constant	11/29/71	command utility (pl1/fortran)
declare_descriptor	11/29/71	command utility (pl1/fortran)
declare_integer	11/11/71	command utility (pl1/fortran)
declare_label	*4	command utility (pl1/fortran)
declare_pointer	11/18/71	command utility (pl1/fortran)
declare_temporary	11/24/71	command utility (pl1/fortran)

display_pl1_mao	07/22/71	command utility (pl1/fortran)
display_pl1_text	07/22/71	command utility (pl1/fortran)
display_text	07/21/71	command utility (pl1/fortran)
dummy	07/21/71	command utility (pl1/fortran)
error	11/23/71	command utility (pl1/fortran)
error_	11/26/71	command utility (pl1/fortran)
exp_op	07/23/71	command utility (pl1/fortran)
exomac	*4	command utility (pl1/fortran)
exomac_test	*4	command utility (pl1/fortran)
free_node	11/05/71	command utility (pl1/fortran)
gen_pl1_linkage	10/28/71	command utility (pl1/fortran)
gen_pl1_symbol	12/03/71	command utility (pl1/fortran)
get_array_size	11/11/71	command utility (pl1/fortran)
get_reference	*4	command utility (pl1/fortran)
get_size	12/03/71	command utility (pl1/fortran)
initialize_ext_static	11/02/71	command utility (pl1/fortran)
initialize_int_static	*4	command utility (pl1/fortran)
instruction_info	*1	command utility (pl1/fortran)
jump_op	*4	command utility (pl1/fortran)
link_vector	*1	command utility (pl1/fortran)
load (Multics)	*4	command utility (pl1/fortran)
m_a	*4	command utility (pl1/fortran)
macro_table	*1	command utility (pl1/fortran)
make_mod	*1	command utility (pl1/fortran)
min_max	*4	command utility (pl1/fortran)
name_assign	*4	command utility (pl1/fortran)
op_mnemonic	*1	command utility (pl1/fortran)
opcode_info	*1	command utility (pl1/fortran)
parse_error	01/10/72	command utility (pl1/fortran)
pl1_error_print	02/11/72	command utility (pl1/fortran)
pl1_get	*1	command utility (pl1/fortran)
pl1_print	*1	command utility (pl1/fortran)
pl1_stat	*1	command utility (pl1/fortran)
pl1_symbol_print	07/23/71	command utility (pl1/fortran)
pointer_builtins	08/03/71	command utility (pl1/fortran)
power_of_two	*1	command utility (pl1/fortran)
prepare_operand	07/23/71	command utility (pl1/fortran)
prepare_symbol_map	07/28/71	command utility (pl1/fortran)
refer_extent	*1	command utility (pl1/fortran)
set_indicators	07/23/71	command utility (pl1/fortran)
sort_on_dcl_type	07/30/71	command utility (pl1/fortran)
stack_temp	07/28/71	command utility (pl1/fortran)
state_man	*4	command utility (pl1/fortran)
statement_recognizer	03/23/72	command utility (pl1/fortran)
store	*1	command utility (pl1/fortran)
store_bit_address	*1	command utility (pl1/fortran)
string_op	*1	command utility (pl1/fortran)
sym_sort_alphabetic	*1	command utility (pl1/fortran)
tree_manager	11/22/71	command utility (pl1/fortran)
xr_man	*1	command utility (pl1/fortran)
build_peruse_text_	10/06/72	command utility (pt)
make_peruse_text	09/21/72	command utility (pt)

peruse_text	09/21/72	command utility (pt)
peruse_text object segment	10/24/72	command utility (pt)
string_to_label_	09/21/72	command utility (pt)
edx_util_	11/12/70	command utility (aedx)
get_addr_	11/24/70	command utility (aedx)
search_file_	11/16/70	command utility (aedx)
drum_recs_	07/08/71	command utility (sng)
sng_ring_0_info_	07/07/71	command utility (sng)
sng_util_	08/13/71	command utility (sng)
meter_util_	05/02/72	command utility (tool)
cl_dcm	05/06/71	communication line DCM
cl_status	04/29/70	communication line DCM
cldim	04/12/71	communication line DCM
cldim_	04/02/71	communication line DCM
clseg	*1	communication line DCM
cref_analyze_	08/09/71	cross-referencer
cref_listman_	07/21/71	cross-referencer
cref_print_	07/23/71	cross-referencer
cref_sort_	08/03/71	cross-referencer
daemon_user_manager	*4	daemon manager
check_dart_access_	10/15/71	Dartmouth subsystem
conv_600_bcd_	09/27/71	Dartmouth subsystem
dart_access_util_	01/11/72	Dartmouth subsystem
dart_cat_control_	09/27/71	Dartmouth subsystem
dart_cat_locker_	07/21/71	Dartmouth subsystem
dart_catalog_command_	08/16/71	Dartmouth subsystem
dart_command_simulator_	12/30/71	Dartmouth subsystem
dart_compiler_prepare_	09/23/71	Dartmouth subsystem
dart_editor_prepare_	02/12/71	Dartmouth subsystem
dart_io_mmes_	04/26/71	Dartmouth subsystem
dart_login_responder_	03/23/72	Dartmouth subsystem
dart_non_trapping_mmes_	06/01/71	Dartmouth subsystem
dart_open_mme_	05/27/71	Dartmouth subsystem
dart_runtime_prepare_	04/21/71	Dartmouth subsystem
dart_trapping_mmes_	10/14/70	Dartmouth subsystem
dartmouth_access_control_	08/02/71	Dartmouth subsystem
dartmouth_card_process	11/06/70	Dartmouth subsystem
dartmouth_catalog	09/09/71	Dartmouth subsystem
dartmouth_data_	09/28/71	Dartmouth subsystem
dartmouth_initializer_	07/21/71	Dartmouth subsystem
dartmouth_mme_handler_	02/02/71	Dartmouth subsystem
dartmouth_mme_list	04/23/71	Dartmouth subsystem
dartmouth_overseer_	08/10/71	Dartmouth subsystem
dartmouth_util_	01/03/72	Dartmouth subsystem
delete_carriage_returns_	08/13/71	Dartmouth subsystem
drtmth_mme_names_	02/16/71	Dartmouth subsystem

dump_algol_audit	07/19/71	Dartmouth subsystem
dump_dartmouth_catalog	12/29/71	Dartmouth subsystem
dump_dartmouth_tape	10/14/71	Dartmouth subsystem
dump_frn_table	05/27/71	Dartmouth subsystem
fiddle_	11/02/70	Dartmouth subsystem
header_dump_	09/24/71	Dartmouth subsystem
insert_carriage_returns_	08/13/71	Dartmouth subsystem
patch_dart_sequence_numbers	09/20/71	Dartmouth subsystem
read_dart_tape_file_	*4	Dartmouth subsystem
test_dartmouth	09/23/71	Dartmouth subsystem
fsdct	07/20/72	data base
lock_seg	*4	data base
archive_segment	05/10/72	data base (archive)
system_free_seg	10/18/71	data base (hardcore)
wired_hardcore_data	07/20/71	data base (hardcore utility)
mseg_meter_data_	09/08/71	data base (message segment)
operator_names	07/23/71	data base (ol1/fortran)
active_all_rings_data	08/16/71	data base (system)
ast	12/05/72	data base (system)
cmp	*4	data base (system)
cnt	*4	data base (system)
ndme	*4	data base (system)
ptw (old)	*4	data base (system)
ptw	*4	data base (system)
sst	*4	data base (system)
str	*4	data base (system)
sys_info	07/17/72	data base (system)
tseg	05/25/72	data base (tape DSM/DCM)
free_	*1	data base (user)
acl	03/27/72	directory control
append	12/14/70	directory control
apomode	04/21/71	directory control
branch_info_	02/11/71	directory control
chname	04/21/70	directory control
dc_pack	06/17/71	directory control
del_dir_tree	04/24/69	directory control
delentry	04/02/71	directory control
dir_cleanup	10/05/70	directory control
find_	08/17/71	directory control
fs_move	05/07/70	directory control
list_dir	06/16/71	directory control
match_star_	10/21/70	directory control
set	05/14/71	directory control

star_	04/10/72	directory control
truncate	04/05/71	directory control
dump_machine_cond_	*4	error analysis
get_pbr_	12/15/71	error analysis
get_simple_names_	12/08/71	error analysis
get_tbr_	01/05/72	error analysis
linkage_error_	12/20/71	error analysis
look_at_link_	12/21/71	error analysis
pl1_frame_	06/13/72	error analysis
special_messages_	12/21/71	error analysis
call_deh_test_gate	07/11/72	error checkout
deh_test1	06/16/72	error checkout
deh_test2	05/31/72	error checkout
deh_test3	05/08/72	error checkout
deh_test4	05/08/72	error checkout
deh_test5	05/24/72	error checkout
deh_test6	05/08/72	error checkout
deh_test7	07/11/72	error checkout
deh_test8	05/08/72	error checkout
deh_test9	05/08/72	error checkout
deh_test_admin	06/13/72	error checkout
deh_test_gate_	06/27/72	error checkout
test_default_error_handler	05/31/72	error checkout
test_deh.ec	05/08/72	error checkout
test_faults_	05/10/72	error checkout
trace_link_	12/15/71	error checkout
cl_tv_	*4	fast command loop
decode_descriptor_tv_	*4	fast command loop
fast_hc_ioc_tv	*4	fast command loop
full_cp_tv_	*4	fast command loop
get_at_entry_tv_	*4	fast command loop
get_to_cl_tv_	*4	fast command loop
process_overseer_tv_	*4	fast command loop
rest_of_loa_tv_	*4	fast command loop
sss_active_tv	*4	fast command loop
tty_read_tv	*4	fast command loop
tty_write_tv	*4	fast command loop
fs_alloc	04/25/69	file system utility
getuid	03/17/71	file system utility
hash	07/20/71	file system utility
hash_index	12/17/70	file system utility
thread	04/24/69	file system utility
util_	12/11/70	file system utility
verify_lock	06/03/71	file system utility
exit	*1	fortran runtime support
fortran_pause_	*1	fortran runtime support
fortran_stop_	*1	fortran runtime support
imag	*1	fortran runtime support

file	03/26/71	FSIM	
file_	09/09/71	FSTM	
assign	see GIOC	Calls (hcs_)	
get_cur_status	see GIOC	Calls (hcs_)	
get_status	see GIOC	Calls (hcs_)	
list_change	see GIOC	Calls (hcs_)	
list_connect	see GIOC	Calls (hcs_)	
list_size	see GIOC	Calls (hcs_)	
safety	see GIOC	Calls (hcs_)	
unassign	see GIOC	Calls (hcs_)	
bufi_	04/07/71	graphics	
bufo	04/08/71	graphics	
bufo_	04/07/71	graphics	
display_attach	03/29/71	graphics	
gf_int_	04/07/71	graphics	
check_trailer	03/29/72	hardcore debugging	
compare_trap	06/02/71	hardcore debugging	
copy_dump	03/29/72	hardcore debugging	
copy_fdump	04/06/72	hardcore debugging	
copy_salvager_output	04/12/72	hardcore debugging	
debug_check	07/07/71	hardcore debugging	
extract	04/07/72	hardcore debugging	
ring0_init	*4	hardcore debugging	
syserr	01/31/72	hardcore debugging	
syserr_real	01/31/72	hardcore debugging	
xray_communications	07/06/71	hardcore debugging	
parity_fault	02/04/72	hardcore error handling	
proc_info	04/10/72	hardcore error handling	
ring_zero_cleanup	03/15/71	hardcore error handling	
absadr	01/06/71	hardcore I/O	
channel	*1	hardcore I/O	
check	*1	hardcore I/O	
dn355	07/26/72	hardcore I/O	
dn355_init	04/25/72	hardcore I/O	
dn355_util	02/24/72	hardcore I/O	
dsu170_control	01/04/71	hardcore I/O	
glm1	*1	hardcore I/O	
glm2	*1	hardcore I/O	
glm3	02/03/71	hardcore I/O	
glm4	*1	hardcore I/O	
glm_alloc	02/03/71	hardcore I/O	
gloc_stat	*1	hardcore I/O	
mini_glm	06/23/70	hardcore I/O	
printer_dcm	02/17/70	hardcore I/O	
printer_status	02/12/70	hardcore I/O	
prt300_ge_ext_buffer_image	*4	hardcore I/O	
prt_ccnv	02/12/70	hardcore I/O	
tape_checksum_	07/07/71	hardcore I/O	

trace		01/12/71	hardcore I/O
trace_rsw		01/05/71	hardcore I/O
tty_con	*1		hardcore I/O
tty_ctl		01/06/71	hardcore I/O
tty_free		01/06/71	hardcore I/O
tty_index		10/13/72	hardcore I/O
tty_init		02/25/72	hardcore I/O
tty_inter		01/05/71	hardcore I/O
tty_macros	*1		hardcore I/O
tty_read		01/08/71	hardcore I/O
tty_unlock		01/08/71	hardcore I/O
tty_write	*3	01/08/71	hardcore I/O
dstInt		07/21/71	hardcore IPC
dstm_		03/15/71	hardcore IPC
hc_ipc	*3	04/01/71	hardcore IPC
ex_acl		06/23/71	hardcore protection
gate	*3	09/09/71	hardcore protection
hcs_		04/12/72	hardcore protection
hphcs_		04/12/72	hardcore protection
imp_dim_gate_		06/16/71	hardcore protection
makestack	*3	02/05/71	hardcore protection
net_		10/06/72	hardcore protection
phcs_		09/12/72	hardcore protection
phnxhcs_		07/14/72	hardcore protection
rest_of_gate	*4		hardcore protection
validate_arg		04/13/70	hardcore protection
level		04/05/71	hardcore utility
lock	*3	03/17/71	hardcore utility
master_mode_ut	*3	02/09/71	hardcore utility
try_to_unlock_lock		01/01/72	hardcore utility
gim_assign		09/14/72	hardware I/O
block		see Interprocess Communication (hcs_)	
fast_hc_ipc_		10/06/72	Interprocess Communication
fast_loc	*4		Interprocess Communication
full_ipc_		09/12/72	Interprocess Communication
Interprocess Communication		see MPM	
ipc_		see MPM Interprocess Communication	
wakeup		see Interprocess Communication (hcs_)	
daemon_exec_		04/06/71	I/O daemon
daemon_init		03/24/72	I/O daemon
io_daemon		06/03/71	I/O daemon
prtdim_		09/08/71	I/O daemon
read_cards		02/18/70	I/O daemon
tail_sheet_		02/08/71	I/O daemon
call_detacher		03/15/71	IOAT Manager
ioam_		04/06/71	IOAT Manager

ioam_check	03/15/71	IOAT Manager
ioam_ut	03/15/71	IOAT Manager
ioam_ut1	03/29/71	IOAT Manager
ioat	04/06/71	IOAT Manager
broadcast_	see MPM	User Ring IOSIM
discard_output_	see MPM	User Ring IOSIM
file_	see MPM	User Ring IOSIM
nstd_	see MPM	User Ring IOSIM
ntw_	*4	User Ring IOSIM
syn	see MPM	User Ring IOSIM
tape_	see MPM	User Ring IOSIM
tw_	see MPM	User Ring IOSIM
del_list_proc_	04/13/71	library updater
header_meld	04/01/70	library updater
internal_routines_table_	11/13/72	library updater
laddname	03/27/72	library updater
ldelete	04/07/72	library updater
ldeleteacl	07/11/72	library updater
ldeletename	04/21/72	library updater
llistacl	04/28/72	library updater
lnames	04/28/72	library updater
lpatch	*4	library updater
lrename	04/21/72	library updater
lsetacl	04/10/72	library updater
map_proc	04/01/70	library updater
object_test_	*4	library updater
replacer	04/01/70	library updater
source_update	*1	library updater
update_bind	12/23/71	library updater
update_handler_	*4	library updater
update_info	04/11/72	library updater
update_object	01/05/72	library updater
update_source	12/07/71	library updater
updater	04/03/70	library updater
lss_command_list_	01/12/71	limited service system
lss_login_responder_	01/11/71	limited service system
accept_aln_obj	11/20/72	linker control
datmk_	*1	linker control
datmk_util_	*1	linker control
fs_search	08/13/71	linker control
get_defname	07/13/72	linker control
get_defptr	*4	linker control
initiate_search_rules	*1	linker control
link_man	11/13/72	linker control
link_snap	04/22/71	linker control
lot_maintainer	08/05/69	linker control
make_cls	*4	linker control
make_lot	*4	linker control

asin_	*1	math library
asinh_	*1	math library
atan2_	*1	math library
cabs_	*1	math library
casin_	*1	math library
cexp_	*1	math library
clog_	*1	math library
code_	*1	math library
csin_	*1	math library
csqrt_	*1	math library
cxo1_	*1	math library
dasin_	*1	math library
dasinh_	*1	math library
datan2_	*1	math library
derf_	*1	math library
dexerfc_	*1	math library
dexp_	*1	math library
dlog_	*1	math library
dmod_	*1	math library
dsin_	*1	math library
dsinh_	*1	math library
dsqrt_	*1	math library
dtan_	*1	math library
dtanh_	*1	math library
dxo1_	*1	math library
dxo2_	*1	math library
erf_	*1	math library
exerfc_	*1	math library
exo_	*1	math library
iexp_	*1	math library
log_	*1	math library
round_	*1	math library
sin_	*1	math library
sinh_	*1	math library
sqrt_	*1	math library
tan_	*1	math library
tanh_	*1	math library
xo2_	*1	math library
xo3_	*1	math library
exll_handler_	12/30/71	message segment utility
exnd_handler_	08/06/71	message segment utility
ms_salv_util_	04/29/71	message segment utility
ms_salvager_	04/29/71	message segment utility
mseg_	01/10/72	message segment utility
mseg_add_	06/24/71	message segment utility
mseg_chname_	01/28/72	message segment utility
mseg_data_	08/02/71	message segment utility
mseg_initiate	*4	message segment utility
mseg_own_	07/29/71	message segment utility
mseg_util_	06/24/71	message segment utility
print_message_segment_meters	09/21/71	message segment utility
ptr_is_good_	06/22/71	message segment utility

ring_1_lock_	10/21/71	message segment utility
check_mst	08/13/71	MST checker
checker_	01/04/71	MST checker
checker_print_	02/01/71	MST checker
crossref_	01/08/71	MST checker
get_collection_	12/22/70	MST checker
loading_summary_	01/08/71	MST checker
mst_checker	*1	MST checker
rsw_ckr_	01/04/71	MST checker
sslt_manager_	07/06/71	MST checker
get_def_lth	12/22/70	MST checker (on-line)
tape_reader_	06/30/71	MST checker (on-line)
adjust_device	11/29/72	multilevel
assign_device	05/04/72	multilevel
areamk_	*2	obsolete
bin_dec	*2	obsolete
binder_data_	*2	obsolete
call_trace	*2	obsolete
cptr	*2	obsolete
ctl_char	*2	obsolete
cv_bin_	*2	obsolete
cv_string	*2	obsolete
debug_data	*2	obsolete
debug_util	*2	obsolete
dec_bin_	*2	obsolete
direct_output	*2	obsolete
dispatch_request	*2	obsolete
dump_process	*2	obsolete
eswa_	*2	obsolete
ftn_io_binary_	*2	obsolete
ftn_io_format_	*2	obsolete
ftn_io_init_	*2	obsolete
ftn_io_namelist_	*2	obsolete
ftn_io_output_	*2	obsolete
get_count	*2	obsolete
get_data_type	*2	obsolete
get_debug_segment	*2	obsolete
global	*2	obsolete
hbound_	*2	obsolete
lbound_	*2	obsolete
legal_frame	*2	obsolete
la	*2	obsolete
list_arguments	*2	obsolete
machine_state	*2	obsolete
move_	*2	obsolete
ms_	*2	obsolete
multics_wdir	*2	obsolete
oct_bin_	*2	obsolete
parse_scan	*2	obsolete

patch (probe)	*2	obsolete
odir	*2	obsolete
pl1_to_epl	*2	obsolete
print_args	*2	obsolete
print_lt	*2	obsolete
print_object_map	*2	obsolete
print_seg_info	*2	obsolete
probe	*2	obsolete
quit_process_id	*2	obsolete
readacl	*2	obsolete
search_dup_entries_	*2	obsolete
seg_in_octal	*2	obsolete
setpath	*2	obsolete
size	*2	obsolete
smm	*2	obsolete
stack_frame_	*2	obsolete
status (hardcore)	*2	obsolete
tdope_	*2	obsolete
tio_	*2	obsolete
write_debug_line	*2	obsolete
writeacl	*2	obsolete
copy_dump_seg_	06/10/71	on-line dump analysis
format_dump_line_	05/26/71	on-line dump analysis
od_print_	06/02/71	on-line dump analysis
online_dump	05/25/71	on-line dump analysis
print_dump_seg_name_	06/07/71	on-line dump analysis
bulk_store_control	*4	page control
device_control	07/25/72	page control
drum_control	11/15/72	page control
free_store	07/25/72	page control
page	07/24/72	page control
page_error	07/28/72	page control
page_fault	07/28/72	page control
pc	11/13/72	page control
pc_trace	07/11/72	page control
pc_trace_pl1	07/11/72	page control
pc_wired	12/04/70	page control
od_util	11/16/72	page control
op_code_tree	*4	page control
pre_page	08/16/72	page control
page_trace	see MPM	command (page metering)
complex_decimal_op_	*4	PL/I run-time support
decimal_op_	*4	PL/I run-time support
diexp_	12/09/70	PL/I run-time support
multi_decimal_op_	*4	PL/I run-time support
pl1_operators	*1	PL/I run-time support
pl1_time	*4	PL/I run-time support
translate_	*4	PL/I run-time support

bvd_table		01/03/72	pl1/fortran I/O
ctn	*1		pl1/fortran I/O
dnd		01/11/72	pl1/fortran I/O
ntb	*1		pl1/fortran I/O
ntc	*1		pl1/fortran I/O
ntn	*1		pl1/fortran I/O
olio2_baseconv_		01/03/72	pl1/fortran I/O
olio2_ctn_		01/11/72	pl1/fortran I/O
olio2_genconv_		10/24/72	pl1/fortran I/O
olio2_ntb_		01/03/72	pl1/fortran I/O
olio2_ntc_		01/03/72	pl1/fortran I/O
olio2_ntn_		01/03/72	pl1/fortran I/O
ol2_operators	*1		pl1 runtime support
ore_link_1		02/12/71	orelinker
ore_link_2		02/23/71	orelinker
ortseg		04/28/71	orinter DCM
proc_int_handler	*4		process control
terminate_process_		10/06/72	process control
init_admin_		09/12/72	process initialization
init_admin_util_		01/28/71	process initialization
init_proc		06/24/71	process initialization
call_bos		03/31/72	processor control
fault_error	*1		processor control
fim	*3	04/13/71	processor control
li		11/26/71	processor control
init_processor		10/26/70	processor control
master_vclock		11/15/72	processor control
parity_check		08/13/70	processor control
ods	*3	01/13/72	processor control
ords		02/09/71	processor control
scs		03/02/70	processor control
set_alarm_timer		06/03/71	processor control
signaller		12/30/70	processor control
sim_fault	*1		processor control
terminate_proc	*3	03/18/71	processor control
vclock_init	*4		processor control
wire_stack		05/21/71	processor control
wired_fim		11/10/71	processor control
quota		05/21/71	quota control
quota_util		01/12/71	quota control
quotaw		04/08/71	quota control
add_memory		11/30/70	reconfiguration
dsu270_reconfig		05/24/71	reconfiguration
freecore		04/16/71	reconfiguration
pc_abs	*3	11/30/70	reconfiguration

reconfig	11/30/70	reconfiguration
reconfigure	11/23/70	reconfiguration
start_cpu	08/20/70	reconfiguration
stop_cpu	01/04/71	reconfiguration
wire_proc	01/28/71	reconfiguration
init_salv_fsdcts	04/05/71	salvager
on_line_salvager	03/08/71	salvager (on-line)
periph_io	*1	salvager I/O
rsw_	*1	salvager
salv_activator	07/11/72	salvager
salv_check_map	05/26/71	salvager
salv_check_ptr	*3 06/23/70	salvager
salv_check_threads	*4	salvager
salv_clean_ast	03/02/71	salvager
salv_data	*3 06/03/71	salvager
salv_esd	*4	salvager
salv_free_store	10/24/72	salvager
salv_initializer	07/13/72	salvager
salv_name	07/06/71	salvager
salv_print	06/03/71	salvager
salv_rebuild_acl	07/26/72	salvager
salv_rebuild_directory	*3 06/23/70	salvager
salv_rebuild_names	*3 06/23/70	salvager
salv_stat	12/22/70	salvager
salv_truncate	09/14/72	salvager
salvage_directory	06/26/70	salvager
salvage_entry	06/23/70	salvager
salvager	*3 06/23/70	salvager
utility_print	01/27/71	salvager I/O
gf_dump	see GUS	
gf_inout_	see GUS	
gf_int	see GUS	
gsc_	see GUS	
gsm_	see GUS	
gui_	see GUS	
rotate_scale_	see GUS	
blast	see Operator's Guide to BOS	
config	see Operator's Guide to BOS	
core	see Operator's Guide to BOS	
die	see Operator's Guide to BOS	
dump	see Operator's Guide to BOS	
esd	see Operator's Guide to BOS	
fdump	see Operator's Guide to BOS	
fill	see Operator's Guide to BOS	
fmt	see Operator's Guide to BOS	
loadm	see Operator's Guide to BOS	
print (BOS)	see Operator's Guide to BOS	
proc	see Operator's Guide to BOS	
restor	see Operator's Guide to BOS	
runcom	see Operator's Guide to BOS	

save	see Operator's Guide to BOS	
taoesyn	see Operator's Guide to BOS	
test	see Operator's Guide to BOS	
time	see Operator's Guide to BOS	
ttyt	see Operator's Guide to BOS	
alloc_	see SWS	user subroutine
check_fs_errcode_	see SWS	user subroutine
condition_interpreter_	see SWS	user subroutine
dartmouth_initializer_	see SWS	user subroutine
dl_handler_	see SWS	user subroutine
find_command_	see SWS	user subroutine
form_link_info_	see SWS	user subroutine
gate_meter	see SWS	user subroutine (hcs_)
get_author	see SWS	user subroutine (hcs_)
get_page_trace	see SWS	user subroutine (hcs_)
get_raw_access_	see SWS	user subroutine
get_search_rules	see SWS	user subroutine (hcs_)
get_system_free_area_	see SWS	user subroutine
get_to_ci_	see SWS	user subroutine
GIOC Calls	see SWS	user subroutine
initiate_search_rules	see SWS	user subroutine (hcs_)
interpret_condition_	see SWS	user subroutine
list_arg_	see SWS	user subroutine
listen_	see SWS	user subroutine
nd_handler_	see SWS	user subroutine
parse_search_rules_	see SWS	user subroutine
pl1_frame_	see SWS	user subroutine
process_overseer_	see SWS	user subroutine
quota_get	see SWS	user subroutine (hcs_)
quota_move	see SWS	user subroutine (hcs_)
reset_working_set	see SWS	user subroutine (hcs_)
search_dart_lib_	see SWS	user subroutine
set_lock_	see SWS	user subroutine
standard_default_handler_	see SWS	user subroutine
start_governor_	see SWS	user subroutine
system_info_	see SWS	user subroutine
transform_command_	see SWS	user subroutine
unwinder_	see SWS	user subroutine
user_info_	see SWS	user subroutine
activate	02/03/71	segment control
boundfault	04/08/71	segment control
deactivate	02/03/71	segment control
fs_get	*3 04/28/71	segment control
get_aste	02/09/71	segment control
get_ptrs_	05/06/71	segment control
kstrsch	06/29/70	segment control
makeknown	02/09/71	segment control
makeunknown	04/02/71	segment control
move_device	01/26/71	segment control
seg_fault	12/22/70	segment control
setfaults	02/02/71	segment control

updateb		06/21/72	segment control
emergency_shutdown		02/03/71	shutdown
shutdown		04/08/71	shutdown
shutdown_switch		05/21/71	shutdown
tc_shutdown		05/01/69	shutdown
wired_shutdown		05/26/71	shutdown
del_file_		12/05/72	submission test
set_chand_		11/20/72	submission test
access_name		07/16/72	system administration
account_print	*4		system administration
accounting		07/25/72	system administration
accounts_overseer_	*4		system administration
acct_print		7/16/72	system administration
acct_start_up.ec		02/17/72	system administration
adjust_cutoff_		12/06/72	system administration
admin_util		4/28/72	system administration
answer_table		09/19/72	system administration
as_data_		09/14/72	system administration
as_init_		09/14/72	system administration
as_who		07/26/72	system administration
bill.ec		04/05/72	system administration
build_urf	*4		system administration
charge_daemon_usage		12/06/72	system administration
charge_deck		11/13/72	system administration
charge_disk	*4		system administration
charge_projects_to_accts	*4		system administration
charge_user_		11/15/72	system administration
charge_user_registration	*4		system administration
charge_users_to_accts	*4		system administration
clear_projfile		07/20/72	system administration
clear_reqfile		07/20/72	system administration
compute_bill		05/05/72	system administration
console_edit	*4		system administration
console_report	*4		system administration
copy_as_meters	*4		system administration
copy_pnt	*4		system administration
create_homedir_		05/24/72	system administration
create_lines_file		06/28/72	system administration
daemon_acct_print		06/22/72	system administration
daily_log_process		07/14/72	system administration
daily_summary		06/13/72	system administration
device_acct_	*4		system administration
disk_stat		05/10/72	system administration
disk_stat_print	*4		system administration
disk_usage_stat	*4		system administration
disklow	*4		system administration
ed_installation_parms	*4		system administration
ed_mgt		07/26/72	system administration
edurf	*4		system administration
ehf	*4		system administration

enro	*4	system administration
erf	*4	system administration
err.ec	04/06/72	system administration
fill_urf	*4	system administration
format_attributes_	07/14/72	system administration
format_pdt	04/18/72	system administration
format_sat	04/21/72	system administration
gen_hist	*4	system administration
get_password_	05/06/72	system administration
get_uid_with_lastname	*4	system administration
get_user_	*4	system administration
gfp	*4	system administration
hist	*4	system administration
histo	*4	system administration
is_he_user	06/19/72	system administration
is_legal_proj	10/02/72	system administration
lab11	*4	system administration
load_ctl_	05/24/72	system administration
load_ctl_status	05/10/72	system administration
lookup_attributes	*4	system administration
mailing_labels	*4	system administration
master.ec	05/08/72	system administration
merg	*4	system administration
merge_urf_pnt	*4	system administration
misc	*4	system administration
new_user	*4	system administration
not_ascii_	03/23/72	system administration
odt	12/04/72	system administration
odt_coby	*4	system administration
opro	*4	system administration
orint_disk	*4	system administration
orint_log	07/26/72	system administration
orint_meters	*4	system administration
orint_urf	*4	system administration
orocess_daemon_cards	04/26/72	system administration
process_session_cards	*4	system administration
orofile_data_	10/24/72	system administration
orol_mtd	05/21/72	system administration
orol_usage_report	*4	system administration
orolject_usage_report	*4	system administration
orofile	05/02/72	system administration
orunch_MIT_deck	*4	system administration
qfn	05/10/72	system administration
read_config_	04/28/72	system administration
remove_user	*4	system administration
rename_pnts_	08/21/72	system administration
reqfile	05/10/72	system administration
reset_disk_meters	08/23/72	system administration
reset_processed_flag	05/06/72	system administration
reset_usage	*4	system administration
rsh	08/23/72	system administration
sat	11/16/72	system administration
scramble_	03/15/72	system administration

send_admin_command	06/12/72	system administration
set_admin_data_	10/06/72	system administration
sort_hist_file_	*4	system administration
sort_profile	*4	system administration
sort_reqfile	*4	system administration
stat	*4	system administration
sweep	09/06/72	system administration
sweep_disk_	11/13/72	system administration
sys_full_report	*4	system administration
tape_admin_	*4	system administration
tape_master_	*4	system administration
terminals_overseer_	10/24/72	system administration
termseg	06/28/72	system administration
termuseg	05/08/72	system administration
up_ctr	*4	system administration
urfo	*4	system administration
urfsort	*4	system administration
user_histogram	07/18/72	system administration
util.ec	*4	system administration
value	07/17/72	system administration
whotab	07/25/72	system administration
write_acct_bill	05/02/72	system administration
write_billing_summary	*4	system administration
write_out_bill	*4	system administration
write_user_usage_report	*4	system administration
approved_routines_	08/31/72	system assurance
admin	04/12/72	system control
system_info_	09/21/71	system control
system_startup_	04/22/71	system control
bootstrap1	04/10/72	system initialization
bootstrap2	06/18/71	system initialization
clock_init	01/31/72	system initialization
delete_segs	12/14/70	system initialization
find	03/29/71	system initialization
init_branches	12/29/70	system initialization
init_collections	12/28/70	system initialization
init_root_sys_info	04/05/71	system initialization
init_sst	06/21/72	system initialization
init_str_seg	04/05/71	system initialization
initialize_faults	12/01/72	system initialization
initializer	12/15/70	system initialization
load_system	04/17/69	system initialization
make_branches	02/09/71	system initialization
make_fv_code	07/21/71	system initialization
make_sdw	03/31/71	system initialization
master_mode_init	*3 01/12/71	system initialization
ords_init	02/04/71	system initialization
rescue_slit	*1	system initialization
scas_init	12/22/70	system initialization
scs_init	10/06/70	system initialization

segment_loader	06/23/70	system initialization
slt_manager	02/16/71	system initialization
uct_init	12/28/70	system initialization
update_sst_pl1	11/21/72	system initialization
dct_sym	*1	system initialization (I/O)
drum_init	02/18/70	system initialization (I/O)
dsu270_init	07/18/72	system initialization (I/O)
find_peripheral	04/11/72	system initialization (I/O)
initialize_dims	07/17/72	system initialization (I/O)
initialize_glm	*1	system initialization (I/O)
io_init	*1	system initialization (I/O)
mini_glm_init	02/03/71	system initialization (I/O)
tape_io	02/09/71	system initialization (I/O)
tape_reader	06/30/71	system initialization (I/O)
build_template_dsegs	07/07/71	system initialization (SC)
initialize_kst	06/24/71	system initialization (SC)
build_template_pds	02/05/71	system initialization (TC)
tc_init	10/08/71	system initialization (TC)
record_command_usage_	*4	system metering
sss_writearound_	*1	system writearound
gloc_tape_data	*4	tape DCM
gloc_tdcn_status	*4	tape DCM
lom_tape_data	*4	tape DCM
lom_tdcn_status	*4	tape DCM
tape_data	10/18/71	tape DCM
tape_init	10/08/71	tape DCM
tdcm	*3 11/02/71	tape DCM
tdcm_status	10/08/71	tape DCM
tdsm_	*1	tape DSM
tdsm_util_	*1	tape DSM
tdsm_xmt_	*1	tape DSM
tdsm_xtach_	*1	tape DSM
act_proc	11/17/72	traffic control
activate_segs	04/08/71	traffic control
deact_proc	12/09/70	traffic control
deactivate_segs	04/16/71	traffic control
ios_	12/21/70	traffic control
master_oxss_page	12/16/70	page/traffic control
plm	04/05/71	traffic control
pxss	04/29/72	traffic control
stop_process	03/15/71	traffic control
tc_data	02/11/72	traffic controller
template_plt	*3 02/08/72	traffic control
wired_plm	05/25/71	traffic control

translator_daemon	01/21/71	translator daemon	
act_ctl_	08/10/71	user control	
as_	10/04/72	user control	
as_meter_	07/30/71	user control	
asu_	03/16/71	user control	
aswa_	03/08/71	user control	
cp3_	04/12/71	user control	
cv_persmf	07/25/72	user control	
cv_pmf	12/04/70	user control	
cv_smf	11/22/72	user control	
dhodh_	03/30/71	user control	
dial_ctl_	01/28/71	user control	
dialup_	05/10/72	user control	
dpg_	05/08/70	user control	
installation_parms	09/24/71	user control	
lg_ctl_	07/18/72	user control	
lines	01/28/70	user control	
login	see MPM	user control	
sys_log_	06/14/71	user control	
system_control_	05/19/71	user control	
test_dialup	*3 03/08/71	user control	
up_pdt_	03/30/71	user control	
up_pnt_	03/17/71	user control	
up_sat_	03/17/71	user control	
up_sysctl_	03/30/71	user control	
attach_table	05/13/70	User Ring I/O	
broadcaster_	10/15/71	User Ring I/O	
discard_output_util_	01/07/72	User Ring I/O	
flipper_	04/07/72	User Ring I/O	
get_at_entry_	see MPM	User Ring I/O	
get_device_status	03/18/71	User Ring I/O	
list_assigned_devices	03/16/71	User Ring I/O	
nstd_dim	03/24/72	User Ring I/O	
oc_	07/10/72	User Ring I/O	
ocdim_	06/28/72	User Ring I/O	
printer_dim_	10/14/71	User Ring I/O	
pun21	09/24/71	User Ring I/O	
pun21_dim	01/06/72	User Ring I/O	
read_convert_	*3 09/06/72	User Ring I/O	
rest_of_ttydim	*4	User Ring I/O	
tape_	07/28/71	User Ring I/O	
tape_util_	07/28/71	User Ring I/O	
tape_xmt_	07/27/71	User Ring I/O	
tape_xtach_	08/02/71	User Ring I/O	
ttydim_	03/02/70	User Ring I/O	
tw_	07/27/71	User Ring I/O	
tw_write_	*4	User Ring I/O	
wait_for_dialup_	*4	User Ring I/O	
ipcorm_	09/14/72	User Ring IPC	

abbrev_	09/14/72	user	subroutine
acm_	02/25/71	user	subroutine
all_rings_util_	03/26/71	user	subroutine
area_	see MPM	user	subroutine
ask_	10/07/71	user	subroutine
canonicalizer_	*4	user	subroutine
check_star_	02/04/71	user	subroutine
clock_	see MPM	user	subroutine
command_query_	see MPM	user	subroutine
compare_ascii_	see MPM	user	subroutine
condition_	see MPM	user	subroutine
convert_binary_integer_	see MPM	user	subroutine
convert_date_to_binary_	see MPM	user	subroutine
convert_date_to_binary_	*4	user	subroutine
cpu_time_and_paging_	see MPM	user	subroutine
create_ips_mask_	01/14/71	user	subroutine
cv_	04/28/72	user	subroutine
cv_dec_	see MPM	user	subroutine
cv_float_	see MPM	user	subroutine
cv_oct_	see MPM	user	subroutine
date_time_	see MPM	user	subroutine
date_time_	07/08/71	user	subroutine
datebin_	*3 05/19/71	user	subroutine
decode_clock_value_	see MPM	user	subroutine
decode_object_	see MPM	user	subroutine
default_handler_	see MPM	user	subroutine
delete_	see MPM	user	subroutine
establish_cleanup_proc_	see MPM	user	subroutine
expand_path_	see MPM	user	subroutine
find_command_error_	*4	user	subroutine
find_ex_acl_names_	09/20/71	user	subroutine
formline_	11/02/71	user	subroutine
freen_	05/10/72	user	subroutine
get_default_wdir_	see MPM	user	subroutine
get_dump_ptrs_	06/08/71	user	subroutine
get_entry_name	05/06/71	user	subroutine
get_group_id_	see MPM	user	subroutine
get_initial_ring_	04/06/72	user	subroutine
get_lock_id_	03/16/71	user	subroutine
get_pdir_	see MPM	user	subroutine
get_process_id_	see MPM	user	subroutine
get_ring_	see MPM	user	subroutine
hash_	03/30/71	user	subroutine
hash_table	08/03/71	user	subroutine
idsort_	*4	user	subroutine
interpret_link_	05/05/71	user	subroutine
ioa_	see MPM	user	subroutine
ioa_	see MPM	user	subroutine
ios_	see MPM	user	subroutine
ios_	09/19/72	user	subroutine
link_unsnap_	03/17/70	user	subroutine
listen_	08/20/71	user	subroutine
lsm_	11/10/72	user	subroutine

lsm_fs_	05/28/71	user	subroutine
lsm_sym_	05/28/71	user	subroutine
make_msf_	*4	user	subroutine
make_obj_map_	*1	user	subroutine
make_object_map_	see MPM	user	subroutine
make_object_mao_	02/01/71	user	subroutine
move_names_	see MPM	user	subroutine
object_info_	see MPM	user	subroutine
parse_file_	see MPM	user	subroutine
print_ready_message_	*3 06/30/71	user	subroutine
print_source_line_	*4	user	subroutine
random_	see MPM	user	subroutine
read_list_	see MPM	user	subroutine
rehash_	08/02/71	user	subroutine
rest_of_loa_	*4	user	subroutine
reversion_	see MPM	user	subroutine
revert_cleanup_proc_	see MPM	user	subroutine
ring_1_patch_	07/11/72	user	subroutine
set_lock_	06/22/72	user	subroutine
signal_	see MPM	user	subroutine
signal_	03/15/71	user	subroutine
status_	07/16/72	user	subroutine
stu_	see MPM	user	subroutine
term_	see MPM	user	subroutine
term_	06/20/72	user	subroutine
timer_manager_	see MPM	user	subroutine
total_cpu_time_	see MPM	user	subroutine
unique_bits_	see MPM	user	subroutine
unique_chars_	see MPM	user	subroutine
unpack_system_code_	see MPM	user	subroutine
unwinder_	07/07/71	user	subroutine
user_info_	see MPM	user	subroutine
virtual_cpu_time_	*4	user	subroutine
who	09/03/71	user	subroutine
symval_	06/26/70	user	subroutine (blinder)
file_util	03/17/71	user	subroutine (file_)
plot_	see MPM	user	subroutine (graphics)
acl_add	see MPM	user	subroutine (hcs_)
append_branch	see MPM	user	subroutine (hcs_)
append_branchx	see MPM	user	subroutine (hcs_)
append_link	see MPM	user	subroutine (hcs_)
chname_file	see MPM	user	subroutine (hcs_)
chname_seg	see MPM	user	subroutine (hcs_)
del_dir_tree	see MPM	user	subroutine (hcs_)
delentry_file	see MPM	user	subroutine (hcs_)
delentry_seg	see MPM	user	subroutine (hcs_)
fs_get_brackets	see MPM	user	subroutine (hcs_)
fs_get_mode	see MPM	user	subroutine (hcs_)
fs_get_path_name	see MPM	user	subroutine (hcs_)

fs_get_ref_name	see MPM	user subroutine (hcs_)
fs_get_seg_ptr	see MPM	user subroutine (hcs_)
fs_move_file	see MPM	user subroutine (hcs_)
fs_move_seg	see MPM	user subroutine (hcs_)
get_usage_values	see MPM	user subroutine (hcs_)
initiate (hardcore)	see MPM	user subroutine (hcs_)
initiate_count	see MPM	user subroutine (hcs_)
make_ptr	see MPM	user subroutine (hcs_)
make_seg	see MPM	user subroutine (hcs_)
ring_0_peek	06/23/70	user subroutine (hcs_)
set_bc	see MPM	user subroutine (hcs_)
set_bc_seg	see MPM	user subroutine (hcs_)
star_	see MPM	user subroutine (hcs_)
status_	see MPM	user subroutine (hcs_)
terminate_file	see MPM	user subroutine (hcs_)
terminate_name	see MPM	user subroutine (hcs_)
terminate_noname	see MPM	user subroutine (hcs_)
terminate_seg	see MPM	user subroutine (hcs_)
truncate_file	see MPM	user subroutine (hcs_)
truncate_seg	see MPM	user subroutine (hcs_)
unsnap_service	11/23/70	user subroutine (hcs_)
write_list_	see MPM	user subroutine (I/O)
decode_socket_	01/04/71	user subroutine (IMP)
ios_utility_	08/24/72	user subroutine (ios_)
gate_data_	*1	user subroutine (tool)
get_archive_file_	*3	06/01/71 user subroutine (tool)
get_library_ac_file	03/29/71	user subroutine (tool)
ring0_get_	01/13/71	user subroutine (tool)
update_archive_	06/01/71	user subroutine (tool)
acl_addl	see	acl_add
acl_delete	see	acl_add
acl_list	see	acl_add
acl_replace	see	acl_add
admin_mode_exit	see	listen_
console_output	see	file_output
deletcac1	see	deleteacl
display_detach	see	display_attach
dsu270_control	see	dsu170_control
effmode	see	apmode
erase	see	display_attach
gen_tcd_card	see	gen_sst_card
get_net_uid	see	set_net_uid
get_proc_id	see	getuid
gioc_bootstrap1	see	bootstrap1
gioc_dsu270_control	see	dsu270_control
gioc_dsu270_init	see	dsu270_init
gioc_printer_dcm	see	printer_dcm
gioc_printer_status	see	printer_status

gioc_prtseg	see prtseg
gioc_syserr_real	see syserr_real
gioc_tape_data	see tape_data
gioc_tape_init	see tape_init
gioc_tape_io	see tape_io
gioc_tdcn	see tdcn
gioc_tdcn_status	see tdcn_status
gioc_trace	see trace
io_compiler	see loc
ldeletecaci	see ldeleteaci
limited_command_system_	see lss_login_responder_
listcaci	see listaci
listnames	see list
listtotals	see list
llistcaci	see llistaci
lsetcaci	see lsetaci
object_submission_test	see source_submission_test
od_cleanup	see online_dump
oit	see template_oit
pre_page_mode	see pre_page_on
pre_page_off	see pre_page_on
pre_page_size	see pre_page_on
resetcopysw	see setcopysw
salv_rebuild_caci	see salv_rebuild_aci
setcaci	see setaci
status_long	see status_ (hcs_)
status_minf	see status_ (hcs_)
status_mins	see status_ (hcs_)
stop_governor	see start_governor
terminate (hardcore)	see makeunknown
terminate_refname	see terminate (MPM)
terminate_segno	see terminate (MPM)
update_bind_object	see update_bind
update_pt	see update_info
update_pt_info	see update_info
update_source_bind	see update_bind
update_source_bind_object	see update_bind
update_source_object	see update_source
usage_values	see nxss

genconv	*1
set_include_dir	*4
tape_nor_	*4
test_uc.ec	*4