

TO: MIB DISTRIBUTION  
 FROM: Peter B. Kelley  
 DATE: October 22, 1976  
 SUBJECT: ONLINE INSTALLATION CHANGES

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 The following is a list of changes to the standard service system, tools, network, unbundled, author maintained and installation maintained libraries for the week beginning October 18, 1976.

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MCR # : Explanation briefly summarizing the modification.

DATE	SEGMENT NAME	LIBRARY
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COMPONENT changes (if any)

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MCR 2219: Probe was replaced to correctly set breaks at 4 word instructions.

10/14/76	1019.6	bound_probe_ replaced in SSS
	replaced:	break_manager_ probe_map_sequence_
10/14/76	1019.6	break_slot.incl.pl1 replaced in INCL

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MCR's 2127, 2128, 2150: Answering Service 9.0 was installed providing support for loading, dumping, and re-booting of the FNP (355) from Multics. This feature will become operative when MSS 30.0 is installed. The format of the CDT and CMF change to provide configuration information.

10/18/76	0902.9	as_error_table_ replaced in TOOLS
10/18/76	0902.9	parse_fpy_name_ added to TOOLS
10/18/76	0902.9	bound_user_control_ replaced in TOOLS
	added:	ftp_dialup_ parse_ftp_login_line_ fnp_manager_

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replaced:      dialup_
               as_data_
               as tty_
               asu_
               cpg_
               lg_ctl_
               load_ctl_
               act_ctl_
               as_meter_
               daemon_user_manager_
               absentee_user_manager_
               up_cdt_
               as_request_
               dial_ctl_
               admin
               ftp_as_
               as_init_
               bound_user_control_.bind

10/18/76 0902.9 bound_admin_rtnes_ replaced in TOOLS

replaced:      print_meters

10/18/76 0902.9 bound_admin_old_ replaced in TOOLS

added:         convert_cdt

replaced:      bound_admin_old_.bind

10/18/76 0902.9 bound_oprcons_ replaced in TOOLS

replaced:      mc_util_
               mc_wakeups_
               mc_commands_
               mc_con_rec_
               mc_write_
               mc_tty_
               borrow_tty_from_mc_
               return_tty_to_mc_
               restart_mc_ttys_
               restart_chn
               mrd_tester
               bound_oprcons_.bind

10/18/76 0902.9 bound_admin_tools_ replaced in TOOLS

added:         dump_cmf_

replaced:      cv_cmf
               dump_cdt

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dump\_cdt\_  
bound\_admin\_tools\_.bind

deleted: create\_cmf

10/18/76	0902.9	anstbl.incl.pl1 replaced in INCL
10/18/76	0902.9	baud_rates.incl.pl1 added to INCL
10/18/76	0902.9	cdt.incl.pl1 replaced in INCL
10/18/76	0902.9	dutbl.incl.pl1 replaced in INCL
10/18/76	0902.9	line_type_names.incl.pl1 replaced in INCL
10/18/76	0902.9	line_types.incl.pl1 replaced in INCL
10/18/76	0902.9	log_tbl.incl.pl1 replaced in INCL
10/18/76	0902.9	mc_anstbl.incl.pl1 replaced in INCL
10/18/76	0902.9	pnt.incl.pl1 replaced in INCL
10/18/76	0902.9	dialup_values.incl.pl1 replaced in INCL
10/18/76	0902.9	net_as_states.incl.pl1 replaced in INCL
10/18/76	0902.9	dataset_names.incl.pl1 added to INCL

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MCR 2107: display\_branch and system\_link\_meters (TOOLS) were replaced to be compatible with the MSS 29.3 installation.

10/19/76	1523.6	bound_misc_metering_ replaced in TOOLS
	replaced:	system_link_meters

10/19/76	1523.6	bound_hardcore_db_ replaced in TOOLS
	replaced:	display_branch

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MCR 2150: The command tty\_lines was replaced to be compatible with the new version of the CDT installed in Answering Service 9.0.

10/19/76	1622.8	tty_lines replaced in TOOLS
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MCR 2218: Fixes a bug in print\_link\_info that caused an

Incomplete error message when there is an inconsistency in an object segment.

10/19/76 1630.6 bound\_segment\_info\_ replaced in SSS

replaced: print\_link\_info

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MCR 2238: file\_system\_meters (TOOLS) was replaced to compute core laps by taking steps/pageable\_core. The lap counter in hardcore was disabled by NSS.

10/19/76 1639.6 bound\_misc\_metering\_ replaced in TOOLS

replaced: file\_system\_meters

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MCR 2002: The segment msa\_manager\_ was replaced to reduce the size of multi-segment segments areas to 64K.

10/20/76 1159.2 bound\_utility\_tools\_ replaced in TOOLS

replaced: msa\_manager\_

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MCR 2229: The segment get\_quota (SSS) was fixed to print an error message when no directories match a given starname.

10/20/76 1238.5 bound\_fscom2\_ replaced in SSS

replaced: move\_quota

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MCR 2246: Change the dprint (and dpunch) command to print its error message and not submit the request, without querying the user.

10/20/76 1457.2 bound\_io\_commands\_ replaced in SSS

replaced: dprint

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MCR 2243: Fix new bug in abs\_io\_ causing blank lines in exec\_com's to be ignored.

10/20/76 1601.1 bound\_full\_cp\_ replaced in SSS

replaced: abs\_io\_

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MCR 2241: Fix bug in the do command causing the following line to work incorrectly: do "x &1 &f3; x &1" a b

10/20/76 1646.6 bound\_full\_cp\_ replaced in SSS

replaced: do

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NO MCR: change to runoff\_text\_ fixes bugs in placement of white space in adjust mode. Also fixes index error which occasionally caused out-of-bounds fault.

10/21/76 1607.5 bound\_runoff\_pl1\_ replaced in >iml

replaced: runoff\_text\_

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10/21/76 1730.8 bound\_runoff\_pl1\_ de-installed from >iml

(previously installed 10/21/76 1607.5)

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MCR 1119: Install new subroutines decode\_clock\_value\_ and encode\_clock\_value\_ in bound\_conversion\_rtns\_. Added a time\_table\_ database with site-settable time zones.

10/22/76 1548.2 decode\_clock\_value\_\$date\_time.in added to INFO

10/22/76 1548.2 decode\_clock\_value\_.info added to INFO

10/22/76 1548.2 encode\_clock\_value\_\$offsets.info added to INFO

10/22/76 1548.2 encode\_clock\_value\_.info added to INFO

10/22/76 1548.2 time\_table\_\$zones.info added to INFO

10/22/76 1548.2 time\_zones\_.incl.pl1 replaced in INCL

10/22/76 1548.2 bound\_conversion\_rtns\_ replaced in SSS

added: encode\_clock\_value\_  
time\_table\_

replaced: decode\_clock\_value\_  
bound\_conversion\_rtns\_.bind

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NO MCR: Fix two bugs in estimate\_bill, one which caused garbage to be printed for terminal i/o operations if -long was used, and

one which caused estimates to be made sometimes when accurate figures were available.

10/22/76 1617.9 estimate\_bill replaced in >iml

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MCR 2120: edm (SSS) was fixed to avoid causing length of final line of text to be overestimated if it did not end in newline.

10/22/76 1632.6 edm replaced in SSS

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NO MCR: Install a fix to runoff (bound\_runoff\_pl1\_ in IML) eliminating bugs in placement of whitespace in adjust mode. Also fixes index error which sometimes caused out-of-bounds fault.

10/22/76 1656.5 bound\_runoff\_pl1\_ replaced in >iml

replaced: runoff\_text\_