TO: MIB DISTRIBUTION

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DATE: August 13, 1976

SUBJECT: ONLINE INSTALLATION CHANGES

****
The following is a list of changes to the standard service system,
tools, network, unbundled, author maintained and installation
maintained libraries for the two weeks beginning August 2, 1976.

*****
MCR # : Explanation briefly summarizing the modification.

DATE   SEGMENT NAME   LIBRARY

         -   COMPONENT changes (if any)

****

*****
MCR 963, 1212, 1487 Added user_ftp command. Changed network
IOSIM to enable page length mode and to use SCT mechanism.
Modified Network Tools to interface with version 4 NCP.
(bound_net_tools_, bound_net_environment_ bound_net_status_
bound_user_telnet_ bound_ncp_interface_ bound_user_ftp_
bound_net_iosims_ bound_net_debug_ bound_net_io_support_ NET)

08/02/76   1247.7   net_error_table_ replaced in NET

08/02/76   1247.7   bound_net_tools_ replaced in NET

        replaced: netcall
                         update_host_table
                         bound_net_tools_.bind

08/02/76   1247.7   bound_net_environment_ replaced in NET

        replaced: net_signal_handler_
                         bound_net_environment_.bind

08/02/76   1247.7   bound_net_status_ replaced in NET

        added: net
                         net_mode_parser_

        replaced: net_host_info_data_

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                            interpret_socket_spec_
                            net_connect_
                            net_icp_server_
                            bound_net_status_.bind

08/02/76  1247.7           bound_user_telnet_ replaced in NET

          added:           user_telnet_xtach_
                           user_telnet_option_ctl_
                           user_telnet_options_
                           user_telnet_protocol_
                           user_telnet_orders_
                           user_telnet_state_
                           user_telnet_iox_
                           user_telnet_io_
                           net_convert_ascii_
                           telnet_command_

          replaced:        telnet_message_
                           telnet_control_args_
                           telnet_misc_commands_
                           telnet_status_
                           telnet_find_command_
                           telnet_command_table_
                           telnet_cmd_processor_
                           telnet_listener_
                           telnet_connection_
                           sbcp_command_processor_
                           sbcp_proc_quotes_
                           sbcp_proc_parens_
                           sbcp_proc_brackets_
                           telnet_instance_
                           bound_user_telnet_.bind

          deleted:         user_telnet_command_
                           telnet_event_handler_
                           telnet_option_manager_
                           telnet_link_sink_

08/02/76  1247.7           bound_ncp_interface_ added to NET

          added:           ncp_
                           ncp_interface_
                           bound_ncp_interface_.bind

08/02/76  1247.7           bound_user_ftp_ added to NET

          added:           user_ftp_image_
                           user_ftp_ascii_
                           user_ftp_
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                        user_ftp_replies_
                        user_ftp_reply_manager_
                        user_ftp_xfer_ctl_
                        user_ftp_xfer_params_
                        user_ftp_control_
                        user_ftp_access_params_
                        user_ftp_xtach_
                        ftp_user_misc_commands_
                        ftp_user_instance_
                        ftp_user_listener_
                        ftp_user_service_
                        ftp_user_file_transfer_
                        ftp_user_control_args_
                        ftp_user_command_
                        ftp_user_xfer_params_
                        ftp_user_access_
                        ftp_user_command_table_
                        ftp_user_cmd_processor_
                        bound_user_ftp_.bind


08/02/76   1247.7      bound_net_iosims_ replaced in NET

        replaced:      net_ascii_dim_state_
                        net_ascii_dim_xtach_
                        net_ascii_dim_io_
                        net_convert_output_
                        NVT_device_
                        NVT_tty33_device_
                        net_telnet_interpreter_
                        bound_net_iosims_.bind

        deleted:       net_mode_parser_
                        ascii_value_

08/02/76   1247.7      bound_net_debug_ added to NET

        added:         dump_ncp_databases
                        print_ncp_errors
                        print_ncp_status
                        test_net_connections
                        bound_net_debug_.bind

08/02/76   1247.7      bound_net_io_support_ added to NET

        added:         net_alm_
                        net_character_tables_
                        net_convert_size_
                        net_character_io_
                        net_character_iox_
                        net_buffer_man_
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                        net_async_support_
                        net_data_transfer_io_
                        ascii_value_
                        net_character_xtach_
                        net_data_transfer_
                        bound_net_io_support_.bind
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08/02/76   1247.7   telnet_command_dcls.incl.pl1 added to INCL

08/02/76   1247.7   telnet_command_macros.incl.mexp added to INCL

08/02/76   1247.7   user_telnet_option_dcls.incl.pl1 added to INCL

08/02/76   1247.7   telnet_instance_dcls.incl.pl1 replaced in INCL

08/02/76   1247.7   telnet_special_chars.incl.pl1 replaced in INCL

08/02/76   1247.7   user_telnet_sdb_dcls.incl.pl1 added to INCL

08/02/76   1247.7   ftp_user_command_dcls.incl.pl1 added to INCL

08/02/76   1247.7   ncp_tables_descr_dcls.incl.pl1 added to INCL

08/02/76   1247.7   net_buffer_header_dcls.incl.pl1 added to INCL

08/02/76   1247.7   net_character_sdb_dcls.incl.pl1 added to INCL

08/02/76   1247.7   net_data_transfer_dcls.incl.pl1 added to INCL

08/02/76   1247.7   net_iocb_template_dcls.incl.pl1 added to INCL

08/02/76   1247.7   user_ftp_instance_dcls.incl.pl1 added to INCL

08/02/76   1247.7   user_telnet.info added to INFO

08/02/76   1247.7   net_changes.info added to INFO

08/02/76   1247.7   user_ftp.info added to INFO

*****
No MCR: The info segment labels.gi.info was added to provide
information on how to cprint labels. This info segment
complements format_blocks.info installed last week.

08/02/76   1339.2   labels.gi.info added to IIS

*****
MCR 1859: The info segment dprint.changes.info was added to
reflect the upcoming addition of the -notify option.
pending_changes.info was also modified.

08/02/76   1412.5   pending_changes.info replaced in IIS

08/02/76   1412.5   dprint.changes.info added to INFO

*****
MCR 1991: The io_call component of bound_io_commands_ (SSS) was
replaced to allow 'io_call attach' to specify an entry point
name in the I/O module name.

08/02/76   1423.8   bound_io_commands_ replaced in SSS

        replaced: io_call

*****
MCR 1865: The compare command (bound_misc_commands_ SSS) was
modified to be callable as an active function.

08/02/76   1434.3   bound_misc_commands_ replaced in SSS

        replaced: compare

08/02/76   1434.3   compare.info replaced in INFO

*****
NO MCR Move the network info segments from >doc>info to
>doc>iis.

08/02/76   1514.5   user_ftp.info deleted from INFO

08/02/76   1514.5   net_changes.info deleted from INFO

08/02/76   1514.5   user_telnet.info deleted from INFO

08/02/76   1514.5   user_telnet.info replaced in IIS

08/02/76   1514.5   net_changes.info replaced in IIS

08/02/76   1514.5   user_ftp.info added to IIS

*****
MCR 1987: The command copy_salvager_output (bound_hardcore_cb_
TOOLS) was replaced to be compatible with MSS 28.10.

08/02/76   1525.8   bound_hardcore_cb_ replaced in TOOLS

        replaced: copy_salvager_output

*****
MCR 2030: The command indent (bound_misc_commands_ SSS) was
replaced to fix a bug which sometimes referenced an
uninitialized pointer causing a fault.

08/02/76   1600.5   bound_misc_commands_ replaced in SSS

        replaced: indent

*****
MCR 1872   Installed BASIC that handles both single or double
precision as standard BASIC. (bound_basic_ bound_basic_runtime_
UNB)

08/03/76   1101.8   bound_basic_ replaced in UNB

        replaced: basic_system
                         basic
                         basic_
                         basic_data
                         basic_resequence_

08/03/76   1101.8   bound_basic_runtime_ replaced in UNB

        added: basic_matrix_double_

        replaced: basic_operators_
                         basic_runtime_
                         basic_find_proc_
                         basic_matrix_
                         bound_basic_runtime_.bind

08/03/76   1101.8   basic_version_ replaced in >ldd>unb>o

08/03/76   1101.8   basic_error_messages_ replaced in UNB

08/03/76   1101.8   ep_basic_version_ deleted from >ldd>unb>o

08/03/76   1101.8   bound_ep_basic_ deleted from UNB

        deleted: ep_basic_system
                         ep_basic
                         ep_basic_
                         ep_basic_next_line
                         ep_basic_data
                         ep_basic_resequence_
                         bound_ep_basic_.bind

08/03/76   1101.8   bound_ep_basic_runtime deleted from UNB

deleted: ep_basic_operators_
                          ep_basic_runtime_
                          ep_basic_find_proc_
                          ep_basic_file_name_
                          ep_basic_matrix_
                          ep_basic_matrix_double_
                          bound_ep_basic_runtime.bind

08/03/76   1101.8   use_ep_basic replaced in UNB

08/03/76   1101.8   ep_basic_program_header.incl.pl1 deleted from INCL

08/03/76   1101.8   ep_basic_operator_frame.incl.pl1 deleted from INCL

08/03/76   1101.8   ep_basic_xfer_vector.incl.alm deleted from INCL

08/03/76   1101.8   basic_operator_frame.incl.pl1 added to INCL

08/03/76   1101.8   basic_operators_frame.incl.pl1 deleted from INCL

08/03/76   1101.8   basic_program_header.incl.pl1 replaced in INCL

08/03/76   1101.8   basic_xfer_vector.incl.alm replaced in INCL

08/03/76   1101.8   ep_basic.info replaced in INFO

08/03/76   1101.8   basic_status.info added to INFO

08/03/76   1101.8   basic_changes.info added to INFO

*****
MCR 1947: The command old_list was removed from SSS preventing
unintential (and expensive) use of it.

08/03/76   1214.2   old_list deleted from SSS

*****
MCR 1986: The copy command (bound_fscom2_ SSS) was replaced to
print error messages in greater detail for the -name and -acl
options.

08/03/76   1358.5   bound_fscom2_ replaced in SSS

           replaced: copy

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*****
MCR 2001: The usage_and_revenue command was added to TOOLS to
provide reports of revenue and usage.

08/03/76   1406.5      usage_and_revenue added to TOOLS

*****
MCR 1964 The segment full_find_command_ (bound_full_cp_ SSS) was
replaced to fix a bug which printed an incorrect error message
when the command name was ">".

08/03/76   1418.1      bound_full_cp_ replaced in SSS

          replaced:    full_find_command_

*****
No MCR:  the retrieval_request and trouble_report commands (IML)
were replaced to improve user messages and to improve code.

08/03/76   1434.6      retrieval_request replaced in >iml

08/03/76   1434.6      bound_consultant_ replaced in >iml

          replaced:    trouble_report

*****
MCR's 1580, 1675 The FAST and DFAST subsystems were installed
in UN8.

08/04/76   1142.6      bound_dfast_ added to UN8

          added:       dfast_process_overseer_
                       dfast_
                       dfast_merge_
                       dfast_header_
                       dfast_list_
                       dfast_directory_
                       dfast_edit_
                       dfast_run_
                       dfast_run_unit_manager_
                       dfast_compile_
                       dfast_line_edit_
                       dfast_set_system_
                       dfast_explain_
                       dfast_get_arg_
                       dfast_command_processor_
                       dfast_terminal_control_
                       bound_dfast_.bind

08/04/76   1142.6      bound_fast_ added to UN8
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            added:      fst_process_overseer_
                        fst_edit_
                        dfast_error_
                        fst_cv_line_num_
                        fst_get_segment_
                        dfast_get_table_
                        fst_util_
                        fst_run_
                        fast_run_unit_manager_
                        dfast_basic_resequence_
                        fst_info_
                        fst_command_processor_
                        fst_compile_
                        fst_help_
                        add_line_numbers
                        bound_fast_.bind
```

08/04/76   1142.6   dfast_edit_info.incl.pl1 added to INCL

08/04/76   1142.6   dfast_error_codes.incl.pl1 added to INCL

08/04/76   1142.6   dfast_line_table.incl.pl1 added to INCL

08/04/76   1142.6   fort_options.incl.pl1 replaced in INCL

08/04/76   1142.6   fst_edit_info.incl.pl1 added to INCL

*****
MCR's 1896, 1907, 2016: The message facility (SSS) was replaced
to add the entry point send_mail_$access_class, used to send
messages with an access class different from the authorization
of the sender. The component mail was fixed to print more
accurate error messages if the new or old mailbox exists but
cannot be accessed.

08/05/76   1123.5   mailbox_ replaced in SSS

08/05/76   1123.5   mbx_mseg_ replaced in SSS

08/05/76   1123.5   bound_mseg_ replaced in SSS

          replaced: mseg_
                       mseg_index_

08/05/76   1123.5   bound_msg_facility_ replaced in SSS

          replaced: mail
                       send_mail_
                       bound_msg_facility_.bind

08/05/76   1123.5   mail_format.incl.pl1 replaced in INCL
```

*****
No MCR:  An emergency fix to mseg_ so that the message facility
installed earlier will work with mailboxes which are in
directories which the sender has no status permission to.

08/05/76   1608.6     bound_mseg_ replaced in SSS

        replaced:     mseg_

*****
NO MCR:  Replace bound_alm_ (LANG) to fix a clobbered page.
This is an emergency fix.

08/08/76   2313.3     bound_alm_ replaced in SSS

*****