

TO: MTB Distribution
FROM: M. S. Hodges
DATE: February 12, 1974
SUBJECT: Multics Change Requests Index

Enclosed is an Index of all MCR's issued through February 5, 1974.
This index shows the status of every MCR in the following format:

<u>MCR</u>	<u>Action</u>	<u>Author</u>	<u>Title</u>
<u>No.</u>	<u>Taken and Date</u>		
	A - Approved		
	P - Postponed		
	W - Withdrawn		
	R - Rejected		

330	A	02/05/74	M. Grady	Fix teco bug
329	A	02/05/74	S. Herbst	Bugs in archive command
328	A	02/05/74	B. Wolman	Install new numeric formatting function
327	A	02/05/74	A. Scherer	Update approved_routines_ table for online installations
326	A	02/05/74	A. Scherer	Fix illegal pointers in submission-testing programs
325	A	02/05/74	K. Pogran	Change in the implementation of the Network Host Activation List
324	A	02/05/74	H. Weaver	Fix bugs in new condition mechanism
323	A	02/05/74	M. Weaver	Fix bugs in reprint-error
322	A	02/05/74	S. Herbst	Archive component names
321	A	02/05/74	B. Wolman	Correct and Extend Comparison Active Functions
320	A	02/05/74	B. Wolman	Extend Arithmetic Active Functions
319	A	02/05/74	S. Barr	Correct bug in "&if...&then" part of process_input_string_
318	A	02/05/74	T. VanVleck	Answering Service 7.5
317	A	02/05/74	T. VanVleck	Recovery from ITT overflows
316	A	02/05/74	E. Stone	22-0 cleanup
315	A	02/05/74	R. Snyder	Fix to synchronize hangups with answering service
314	A	02/05/74	B. Wolman	Fix error in bound_debug_
313	A	02/05/74	E. Stone	Restrict system free area to be 64k
312	W	01/26/74	B. Wolman	Correct and extend comparison active functions
311	W	01/26/74	B. Wolman	Extend capabilities of arithmetic active functions
310	P	01/26/74	S. Herbst	Star convention in archive command
309	P A	01/26/74 02/05/74	A. Kobziar	Change setacl to apply to either directories <u>or</u> segments when used with star convention
308	A	01/26/74	H. Weaver	Fix bugs in fault info routines
307	A	01/26/74	P. Green	Fix bugs in memo command

306	A	01/26/74	T. VanVleck, R. Barnes	Change entry definition in object segment
305	A	01/26/74	T. VanVleck	Message Coordinator Improvements
304	A	01/26/74	T. VanVleck	Fix bugs in answering service 7.4
303	A	01/26/74	R. Mabee	Securable access to metering data
302	A	01/21/74	P. Haber	Gate Macro Fix
301	A	01/21/74	J. Hannigan	BOS command to read registers of non-bootload CPU
300	A	01/21/74	J. Hannigan	BOS command to search for parity errors
299	R	01/26/74	R. Frankston	Replacement for system routine "expand_path_"
298	A	01/21/74	D. Vinograd	Fix bug in update option during system start up
297	A	01/26/74	D. Vinograd	Increase size of IOAT
296	A	01/26/74	B. Silver	Bug fix for tape_
295	A	01/26/74	S. Herbst	Bug in archive_util_
294	P	01/22/74	M. Meer	Its fix for use with max_seg_size
293	A	01/22/74	M. Meer	Addressing bug in qedx
292	P	01/22/74	M. Weaver	Warn users about unexpected disabling of ips interrupts
291	P	01/22/74	D. Wells	Miscellaneous changes to Answering Service and Process Initialization related to Network
290	A	01/22/74	D. Wells	Creation of New Library for ARPA Network Software
289	W	01/22/74	W. Snyder	Fix tty_inter
288	A	01/22/73	S. Barr	Corrections to nstd_dim
287	A	01/22/73	A. Kobziar	Fix PL/1 Bug in Salv_Rebuild_Directory
286	A	01/22/74	A. Kobziar	Fix Setacl to work with star convention
285	W	01/22/74	R. Snyder	Fix to tty_inter
284	A	01/22/74	D. Capps	Addition of entry tdcn_promote to hcs_
283	A	01/22/74	N. Morris	Modify tape DCM to support 2 channels
282	A	01/22/74	S. Herbst	bugs in timer_manager_
281	R	01/22/74	J. Rhodes	TTY Output Integrity

280	A	01/22/74	J. Rhodes	ACI and BCI Pseudo-ops for Alm that can specify character count
279	A	01/22/74	D. Jordan	Delete obsolete library procedures
278	A	01/22/74	A. Kobziar	Reinstall ftp_mail_
277	A	01/22/74	R. Coren	Process overseer for card-reading daemon
276	A	01/22/74	S. Herbst	bugs in walk_subtree
275	A	01/22/74	N. Morris	Fix RUNCOM problem in BOS
274	A	01/17/74	R. Freiburghouse	Argument descriptors
273	A	10/17/74	D. Levin	bound_Fortran_io_
272	A	01/17/74	D. Levin	bound_Fortran_
271	A	01/17/74	B. Wolman	Install new BASIC
270	A	01/17/74	S. Herbst	"abbrev_set_cp" entry in abbrev
269	A	01/17/74	S. Herbst	change to test_timer_manager
268	A	01/17/74	R. Barnes	Install new PL/1 compiler and runtime
267	A	01/17/74	M. A. Meer	Bug in Backup
266	A	01/17/74	M. A. Meer	Bug in Dumper
265	A	01/17/74	M. Grady	Install tape metering command
264	A	01/17/74	R. Coren	Additional feature in list_daemon_requests
263	A	01/17/74	S. Webber	Add new user_settable entry to system trace
262	A	01/17/74	S. Webber	Extend page_trace to handle new trace types
261	A	01/17/74	S. Webber	Add tool "instr_speed" to system
260	A	01/17/74	S. Webber	Fix bug in test_faults_(convert to 6180)
259	A	01/17/74	E. Stone	Fix Bug in msf_manager_
258	A	01/08/74	R. Snyder	Fix to 355 bug
257	A	01/08/74	N. Morris	change tape configuration cards
256	A	01/08/74	D. Wells	Installation of 355 software tools
255	W	01/08/74	N. Morris	Modify tape DCM to support 2 channels
254	A	01/08/74	P. Haber	gcos daemon changes

253	A	01/08/74	D. Reed, D. Moon, A. Sunguroff	Install new LISP subsystem
252	A	01/08/74	E. Stone	Allow PL/I_operators_ to be different in outer rings
251	A	01/02/74	E. Stone	Fix bug in backup_load
250	P W	01/02/74 01/08/74	E. Stone	change access requirement to truncate primitive
249	A	01/02/74	E. Stone	Install update_handler_ again and change interface
248	A	01/02/74	E. Stone	Fix bug in absentee dim's condition handler
247	A	01/02/74	S. Webber	Extend fsm to handle new meters
246	A	01/02/74	S. Webber	Fix unlocking bug in get_proc_id
245	A	01/02/74	S. Webber	Increase the size of STR_SEG
244	A	01/02/74	S. Barr	print_dump_tape does not recognize EOF on 9 track tape
243	A	01/0/274	S. Barr	edurf reports dates as 01/01/01
242	A	01/02/74	G. Dixon	stop msa_manager_ from storing segment number in bit bount of MSA components
241	A	01/02/74	K. T. Pogran	Additions to the ARPA Network Host Table
240	A	12/26/73	B. Wolman	Install procedure tracing program
239	A	12/26/73	S. Herbst	Fix bugs in walk_subtree
238	A	12/26/73	S. Herbst	Fix bugs in compare command
237	A	12/26/73	S. Webber	Fix bug which allows fsdct pages to get milled out
236	A	12/26/73	R. Snyder	Centralization of debug card checking
235	A	12/26/73	R. Sndyer	Establish cleanup handlers in ringo ttydim
234	A	12/26/73	R. Snyder	Fix to tty_ctl
233	A	12/26/73	N. Morris	Implement DSU_191's for Multics
232	A	12/26/73	A. Kobziar	Remove CACL's and segment "a" permission from Salvager
231	A	12/26/73	A. Kobziar	Checking author and bit_count author names for non-ascii in Salvager
230	A	12/26/73	A. Kobziar	Fix double freeing of an allocation in acl-commands

229	A	12/26/73	B. Wolman	change basic_system to call new basic
228	A	12/26/73	G. Dixon	accept equal names containing ascii control characters
227	P A	12/26/73 01/02/74	D. Wells	Upgrading of user process Network IOSIM to support new TELNET protocol and to add additional functions
226	P A	12/26/74 01/02/74	D. Wells	Upgrading of Answering Service to support new Network TELNET
225	P W	12/26/73 01/08/74	D. Wells	Insertion of a link into SSS to Network FTP process overseer because of change in default search rules
224	A	12/26/73	P. Kelley	Remove 'a' segment access references from online installation tools
223	A	12/26/73	G. Dixon	accept starnames containing ascii control characters
222	A	12/26/73	G. Dixon	sort error_table_ alphabetically by entry name
221	A	12/26/73	K. Pogran	Addition of -date option to the print-log command
220	A	12/26/73	A. Scherer	Deletion of obsolete subsystem from tools
219	P A	12/26/73 02/05/74	M. Padlipsky	neted: A Common Editor for the ARPA Network
218	A	12/18/73	R. Barnes	Install EIS version of PL/1 compiler
217	A	12/18/73	D. Levin	Fortran compiler
216	A	12/18/73	D. Levin	bound_Fortran_io_
215	A	12/18/73	D. Levin	Math Routines
214	A	12/18/73	R. Coren	"%" bug in debug command
213	A	12/18/73	D. Capps	Fix to the "stars and bells" bug in the message coordinator
212	A	12/18/73	S. Webber	More history register and associative memory data to the PRDS
211	A	12/18/73	S. Webber	Add meters to page control
210	A	12/18/73	S. Webber	Place traps in system looking for "lost notify's"
209	A	12/18/73	R. Freiburghouse	Install the set_cc command

208	A	12/18/73	B. Wolman	Complete installation of EIS conversion routines
207	A	12/18/73	T. VanVleck	Install tape reconfiguration command
206	A	12/18/73	D. Wells	Fix bug in IMP DIM initialization
205	A	12/18/73	A. Scherer	Revised approved routines table for extended star/equals convention
204	A	12/18/73	A. Scherer	Revise approved_routines_TABLE FOR NEW ACL PRIMITIVES
203	A	12/11/73	N. Morris	Repair defective tape software
202	A	12/11/73	M. Meer	Bugs in listing tape system
201	A	12/11/73	M. Meer	Qedx addressing
200	A	12/11/73	D. Jordan	Avoid hardware bug in slt_manage
199	A	12/11/73	N. Morris	Remove obsolete tape software
198	A	12/11/73	R. Coren	Improvements to debug command
197	A	12/11/73	M. Meer	QEDX default path
196	A	12/11/73	S. Webber	Put time out mechanism on waiting processes
195	A	12/11/73	B. Wolman	Allow EAQ output in floating point
194	R	12/11/73	R. Rakip	Busy drive recovery for generate_mst
193	A	12/11/73	K. Pogran	Modifications to network_exec_
192	A	12/11/73	D. Capps	Fix bug in operator SUBSTTY command
191	P W	12/11/73 01/02/74	R. Mabee	Securable access to metering data
190	A	12/04/73	R. Snyder	Installation of TTYM
189	A	12/04/73	P. Kelley	Online installation documentation
188	P A	12/04/73 12/18/73	P. Kelley	Increase size of online installation
187	A	12/04/73	G. Dixon	make the date_time active functions operate as commands
186	A	12/04/73	S. Webber	Place check in stop_process to crash system if called by initializer
185	A	12/04/73	R. Snyder	Fix to BOS BLAST command

184	A	12/04/73	T. Casey	New GCOS simulator
183	A	12/04/73	R. Mullen	Rewrite edm for speed and clarity
182	A	12/04/73	R. Snyder	Fix to system_trace
181	A	12/04/73	R. Snyder	Fix to DN 355
180	A	12/04/73	D. Wells	Correction to ARPA Network Self-identification processing
179	A	11/27/73	P. Haber	gcos_daemon bug fixes
178	A	11/27/73	R. Mullen	Fix "all 5's" bug in full_ipc_
177	A	11/27/73	N. Morris	Type message on printer error in BOS
176	P A	11/27/73 12/04/73	M. Smith	Install "iox_" I/O interface (MSB-113)
175	A	11/27/73	R. Mullen	BOS should not set masks in memory controllers from which it is not receiving interrupts
174	A	11/27/73	A. Kobziar	Fix locking bug in find_
173	A	11/27/73	T. VanVleck	Install new version of trace_stack
172	A	11/20/73	M. Grady	Implementation of the G115 remote computer interface
171	A	11/20/73	M. Grady	Fix bug in trace
170	A	11/20/73	C. Clingen	Fix bug in truncate command when called with no arguments
169	A	11/20/73	T. VanVleck	Set TIMAX for Initializer to 1 sec. instead of 0
168	A	11/20/73	T. VanVleck	Modify disk accounting programs to use new quota primitives
167	A	11/20/73	T. VanVleck	Fix bug in ARDS charging
166	A	11/20/73	T. VanVleck	Fix I/O Daemon handling of multi-segment files
165	A	11/20/73	T. VanVleck	Remove installation-dependent ACL's from system tape
164	A	11/20/73	T. VanVleck	Prevent Initializer from looping if a process cannot be destroyed
163	A	11/20/73	T. VanVleck	Fix bug in ed_installation_parms
162	A	11/20/73	T. VanVleck	Fix bug in message coordinator

161	A	11/20/73	G. Dixon	msa_manager_bug fix
160	A	11/20/73	T. Casey	Emergency installation of gcos simulator
159	A	11/20/73	T. Casey	Fix bug in dump_segment_command
158	A	11/20/73	S. Webber	Fix bug in print_aste_ptp when run on development
157	A	11/13/73	P. Haber	ACL extended access change
156	A	11/13/73	H. Meer	Improve listing tape system
155	A	11/13/73	R. Snyder	Creation of system trace table
154	A	11/13/73	G. Dixon	Fix bug in star_
153	A	11/13/73	S. Webber	Remove "pdir" abbrev mechanism from print_apt_entry
152	A	11/13/73	P. Haber	Message segment primitive changes
151	P A	11/13/73 11/27/73	D. Jordan	Hardcore updater modifications
150	A	11/13/73	B. Wolman	Install corrected EIS conversion routines
149	A	11/13/73	B. Wolman	Install profile command
148	A	11/13/73	R. Coren	New I/O Daemon
147	A	11/13/73	H. Weaver	Correction of stringsize fault handling
146	A	11/13/73	S. Webber	Fix bugs in pxss
145	A	11/13/73	S. Webber	Fix bug in signaller causing EIS problems
144	A	11/13/73	A. Kobziar	Fix zeroing reused page in salvager
143	A	11/06/73	K. Roach	Fix bug in start_dump (not printing maps)
142	A	11/06/73	G. Dixon	compare_entry_names (bug fix)
141	A	11/06/73	G. Dixon	Extended Star Convention (Phase Two)
140	A	11/06/73	T. VanVleck	Improve active functions for arithmetic and string manipulation
139	A	11/06/73	T. VanVleck	Install improved disk statistics program
138	A	11/06/73	T. VanVleck	Fix mail command to use set_lock_
137	A	11/06/73	B. Silver	Fix to syserr_real unlock bug
136	A	11/06/73	B. Wolman	Fix bug in remote formats

135	A	11/06/73	B. Wolman	Install upgraded PL/1 runtime
134	A	11/06/73	M. Smith	New "error_table_" codes
133	A	11/06/73	M. Smith	Replace "endfile" command by "close_file"
132	A	11/06/73	M. Smith	Signal "finish" and close files at process termination
131	A	11/06/73	M. Smith	Extend "list", "status", "copy", "move" to understand multi-segment files
130	A	11/06/73	E. Stone	Fix bugs in obtaining initializer console channel name
129	A	11/06/73	E. Stone	Fix access violation in creation of outer ring stacks
128	A	11/06/73	E. Stone	Fix bug in delete-subroutine
127	A	11/06/73	A. Kobziar	Salvager emergency shutdown
126	A	11/06/73	A. Kobziar	Remove null address dependence from Salvager
125	A	11/06/73	A. Kobziar	Add disk to Multics via salvager
124	A	11/06/73	R. Snyder	Fix to 1050 addressing problems
123	A	10/30/73	R. Mabee	runoff bug fix
122	A	10/30/73	R. Mabee	bcpl_library bug fix
121	A	10/30/73	B. Wolman	Install do command/active function
120	A	10/30/73	B. Wolman	Install new PL1_operators_
119	A	10/30/73	B. Wolman	Change definition of entry sequence
118	A	10/30/73	P. Haber	Bug fix to ring_1_lock
117	A	10/30/73	A. Kobziar	Removal of active mode of salvaging
116	A	10/30/73	M. Grady, P. Green, R. Coren	Add new order to teletype DIMS, e.g. tw_, ntw_, g115_
115	A	10/30/73	K. Pogran	Administrative exec_com for the Network Daemon
114	A	10/23/73	S. Webber	Provide "fast" gate entries into the hardcore
113	A	10/23/73	H. Meer	qedx: restriction on write with no pathname
112	A	10/23/73	M. Meer	Listing tape system: 7 or 9 track tape designation more detailed comparison in merging

111	A	10/23/73	M. Meer	Backup: Additional options for catchup-dump and dumper test runs
110	A	10/23/73	M. Meer	Backup: Consolidate and cleanup file attachment interface for maps and error files
109	A	10/23/73	D. Wells	Convert network IOSIM "changemode" call to not require a trailing period
108	A	10/23/73	R. Roach	Improve tln output
107	P	10/23/73	R. Roach	Sort_file enhancements
106	A	10/23/73	R. Roach (for J. Klensin)	fix bugs in plot_
105	A	10/23/73	R. Roach	Simplification of performance test analysis
104	P	10/23/73	R. Roach	Command name usage measurements
	R	02/12/74		
103	A	10/23/73	S. Webber	Change page multi-level removal algorithm to make pages recently faulted upon appear recently used
102	A	10/23/73	S. Webber	Remove pre-page commands and the hard core interface
101	A	10/23/73	S. Webber	Change memory reconfiguration code to check for parity errors in use being removed
100	A	10/23/73	S. Webber	Remove reused addr (and other) traps from page control
099	A	10/23/73	S. Webber	Change measure of time spent looping on the page table lock
098	A	10/23/73	M. Grady	trace_init
097	A	10/23/73	N. Morris	Fix bugs in fdump
096	A	10/23/73	E. Stone	Complete directory control access modifications
095	A	10/23/73	E. Stone	Cleanup gate entries
094	A	10/23/73	E. Stone	Offer 256k segments
093	A	10/23/73	E. Stone	Convert V1/PL1 modules in hardcore to V2/PL1
092	A	10/23/73	E. Stone	Correct restrictions in area package which prevent creation of 256k areas
091	A	10/23/73	E. Stone	Allow printing of large segments
090	A	10/23/73	E. Stone	Fix bugs in privileged_mode_ut and wire_stack

089	A	10/16/73	E. Stone	Increase the time record product field of a directory header to 2 words
088	A	10/16/73	E. Stone	Increase the max length, current length and records used fields of a directory entry to 18 bits
087	A	10/16/73	A. Scherer	Modification of cleanup to handle >doc>iml_info_segs. Preparation of cleanup to work with extended star/equals convention
086	A	10/16/73	A. Scherer	Conversion of update_include to version two. Elimination of calls to msl and archiving of duplicates include files in >ldd>include>source
085	A	10/16/73	M. Heer	qedx changes
084	A	10/16/73	R. Snyder	Change to system trace package
083	A	10/16/73	N. Morris	fix printer chain images in BOS
082	A	10/16/73	R. Mullen	copy_fdump not to access data beyond end of dump partition
081	A	10/16/73	R. Snyder	Fix to DN355
080	P A	10/16/73 11/27/73	W. Silver	Change to operator console software and syserr
079	A	10/16/73	N. Morris	Fix bug in fdump
078	A	10/16/73	N. Morris	Remove bulk store dependent code from emergency shutdown
077	A	10/16/73	T. VanVleck	Fix error in message routing DIM
076	A	10/16/73	T. VanVleck	Fix minor bug in rename_pnts_
075	W	10/16/73	P. Green, R. Coren	Add new mode to "tw_" - type DIMs
074	A	10/16/73	R. Kanodia	Performance improvement and bug fixes in IMP DIM
073	A	10/16/73	R. Kanodia	Updating the ARPA network host table
072	A	10/09/73	N. Morris	change Multics standard tape format record length
071	A	10/09/73	N. Morris	Print detailed status on disk errors
070	A	10/09/73	R. Mullen	fix send_message * proj bug
069	A	10/09/73	M. Weaver	changes to signalling and unwinding
068	A	10/09/73	G. Dixon	fix msa_manager-'s setting of MSF indicator

067	A	10/09/73	S. Webber	Add "mexp" to system--a macro expanding preprocessor for alm
066	A	10/09/73	S. Webber	Remove "hcs_\$reset_working_set" function from the sythe stem
065	A	10/09/73	S. Webber	Fix reused address bug
064	P W	10/09/73 12/18/73	G. Dixon	enter_daemon_request
063	A	10/09/73	N. Morris	Allow BOS to be loaded from tape handler other than drive 0
062	A	10/09/73	N. Morris	Install new BOS loader
061	A	10/09/73	R. Mullen	scs_init to detect multiple interrupt cell assignments
060	A	10/09/73	R. Snyder	Solution to hangup problem
059	A	10/04/73	R. Mullen	bug fix to get_seg_ptrs
058	A	10/04/73	R. Mullen	online_dump to process 256k segments
057	A	10/04/73	R. Kanodia	Unlocking bug in the IMP-DIM
056	A	10/04/73	M. Weaver	Changes to default system condition handler and signalling of PL/1 conditions
055	A	10/04/73	M. Weaver	New stack and fault information routines
054	A	10/04/73	R. Snyder	Bug fix to 355 software
053	P A	10/04/73 10/09/73	G. Dixon	Extended star/equal convention (online library portion)
052	R	10/04/73	G. Dixon	do command/active function
051	A	10/04/73	P. Green	Change prt_300_conv to fix bug
050	A	10/04/73	P. Green	fix bug in full_command_processor_
049	R	10/04/73	P. Green	submit program "return_to"
048	A	10/04/73	P. Green	Add new mode to TTY dm for apl
047	A	10/04/73	S. Webber	Merge privileged and unprivileged code in the traffic controller
046	A	10/04/73	S. Webber	Merge privileged and unprivileged code in alm kernel of page control
045	A	10/04/73	S. Webber	Avoid reused address problems
044	A	10/04/73	T. VanVleck	Remove >tools from default search path

043	A	10/04/73	T. VanVleck	Fix bugs in system_control
042	A	10/04/73	R. Snyder	Fix bug causing lost status from 355
041	A	10/04/73	T. VanVleck	Change initializer process group ID to "Initializer.SysDaemon.z"
040	A	10/04/73	T. VanVleck	Remove obsolete code from io_daemon for initialization of big letter format matrix
039	A	10/04/73	T. VanVleck	Modify accounting package to check that total virtual CPU charged equals total virtual CPU used
038	A	10/04/73	D. Jordan	Modification of hardcore MSL routines to add source types "mx" (.mexp) and "mt" (.mt)
037	A	10/04/73	M. Weaver	Simplification of command loop interface to users
036	A	10/04/73	S. Webber	Lay trap for reused address bug
035	A	10/04/73	T. VanVleck	New commands for directory auditing
034	A	10/04/73	T. VanVleck	Install new billing program
033	A	10/04/73	T. VanVleck	New command/active function "user" and a new command/active function "system"
032	A	09/25/73	M. Weaver	Fix bug in get_defname
031	A	09/18/73	T. VanVleck	Allow printing through perforations on output, and permit IO daemon to produce separator bar on perforation to aid the operator in output separation
030	A	09/25/73	T. Casey (Approved for Study only)	Proposed changes to copy and move commands
029	R	09/25/73	T. Casey	new active function:target
028	R	09/25/73	T. Casey	two new control arguments added to dump_segment (ds) command
027	R	09/25/73	T. Casey	new active function: esr
026	R	09/25/73	T. Casey	new subroutine: execute_search_rules_
025	A	09/25/73	B. Wolman	Record certain math subroutines in alm
024	A	09/25/73	B. Wolman	Add ptr to operator transfer vector to base of stack
023	A	09/18/73	S. Webber	Change process destruction so that the driving process need not "wait" in ring zero for target process to be stopped

022	A	09/25/73	S. Webber	Set the call limiters on all hardcore gates--in particular on signaller
021	P A	09/25/73 10/04/73	M. Weaver	Modify linker and add new stack frame flags
020	A	09/25/73	N. Morris	Allow the system to utilize >2**18 records on DSU-190 (temporary fix)
019	A	09/25/73	R. Freiburghouse	Fix bug in bcpl
018	A	09/25/73	D. Capps	Modification of hardcore programs in preparation for new tape mounting package
017	A	09/25/73	S. Webber	Fix bug causing both the PD hash crashes as well as possibly all reused address problems
016	A	09/18/73	B. Wolman	Fix alm
015	A	09/18/73	S. Webber	Change "change_tuning_parameters" to use com_query_ so that it can be used in "exec_coms" & "send_admin_command"
014	A	09/14/73	S. Webber	Fix bug in ring_ causing extraneous ring_ alarm faults
013	A	09/18/73	S. Webber	Place traps in the system to search for the "reused address" bug
012	A	09/18/73	S. Webber	Extend the size of device addresses from 17 to 18 bits
011	A	09/18/73	S. Webber	Fix reconfiguration problems with deleting the bootload CPU
010	A	09/18/73	S. Webber	Add new processor time metering for interrupts as a function of IOM chas anel number
009	P A	09/18/73 10/09/73	N. Morris	Modify BOS to handle tapes on the MTS-500
008	P A	09/18/73 10/09/73	N. Morris	Modification of IO in Multics initialization to handle the MTS-500 tapes and allow handling 1040 word Multics standard tape records
007	P A	09/18/73 10/09/73	N. Morris	Modify the tape DCI & tape DIMs to work with the MTS-500. Also allow reading & writing of 1040 word Multics standard tape records
006	A	09/18/73	N. Morris	Modify BOS to run with DSS-191 system
005	A	09/18/73	N. Morris	Fix the iom_manager not to crash the system when a system fault interrupt occurs for an unassigned channel

004 A 09/25/73 R. Snyder Change LD355 to patch site configuration info
into 355 core image

003 A 09/18/73 R. Snyder Speed up the processing of 355 fdumps

002 A 09/18/73 R. Snyder Enable the BOS 'BLAST' command to send to
terminals hooked up to HSLA

001 A 09/18/73 S. Webber Map certain EIS illegal faults so that the
faults are effectively ignored