

MULTICS STAFF BULLETIN-9

TO: Distribution
FROM: N. I. Morris
DATE: January 24, 1972
SUBJECT: Hardcore Group Task List



TASK AREA Short Term Fixes and Improvements

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Fix "move_device" not to require write access.				
Fix "get_user_effmode" access problem.				
256K segment interim facility.	MAM			Ready for testing.
Salvager fixes.	DRV			In progress.
TTY DIM fixes.	RBS			Bug in 355 interface code being repaired.
Backup/reloader fixes and improvements.	DRV MAM	9/27		Improvements being studied. Fixes in progress.
Fixes to emergency shutdown.	NIM DRV			Dumps being analyzed.
Fix system to not take bound fault on pdf.	DRV		9/29	New star_ installed.
Fix BOS RESTOR to recover from bad save tapes.	RFM		12/18	New BOS tape installed.
Improvements to on-line dump facility.	DMJ			No progress.

TASK AREA Short Term Fixes and Improvements

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Interrupt Interceptor improvements.	NIM RFM	7/19	7/26	Installed.
Add primitive to allow operator to set FDUMP ERF # from Multics.	DMJ			Installed.
Add "run if" facility for Ring 1.	RJF		8/1	Submitted for installation.
Linker fixes for new object segments.	MAM		10/4	Installed.
Fix GIOC bell ringing when BOS is called.				No progress.
Fix "move_device" not to overflow device.	NIM	10/11	10/11	Installed.
Recode lock module.	DMJ			May help to eliminate 2-CPU locking problems.

TASK AREA Long Term Tasks

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
New directory control.	RJF et al.			New directory control format.
Backup/file multi-level redesign.				
Dynamic page multi-level (emergency shutdown).	SHW	3/15 7/1	9/1 1/28	Checkout in progress.
Error code documentation.	ALL			
BOS maintenance.	RFM NIM			As needed.
Cleanup "sys_info".	ALL			Continuing task.
Eliminate linkage segments and definitions block from system.	SHW			Possible with new MST generator and new binder. Waiting for new object format.
BOS documentation.	NIM MG	4/27		First cut submitted for publication. Document on CONFIG cards issued.
Implementation of core usage accounting methods.	RMF	6/21		2 stage fix. Design review scheduled.
Ring 0 limit stops design.	RMF	6/21		Active meter table needed. Design review scheduled.

TASK AREA Long Term Tasks

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Improve tape DIM facility.	MW	/	/	
Offline segment facility.	MJS	/	/	Design document issued. Tape management needed first.
DSU-170 DIM improvement.	LS	/	/	Design document issued. Code written.
Tape Reel Management.	MW	/	/	Interim facility being coded.
Overview of dump/reload/retrieval.	JS	/	/	Draft document issued.
Improvements to user interface to star_.		/	7/26	Documented. Waiting for new directory format.
		/	/	
		/	/	
		/	/	
		/	/	

TASK AREA Ideas for Fixes and Improvements

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Discussion for protection "domains".	ALL	/	/	
Argument validator into ALM.		/	/	
Page fault error recovery during salvaging.	SHW	/	/	
Disk overflow recovery.	SHW	/	/	
T and D to run under BOS.	NIM	/	/	DSU-270/HPC T and D produced.
Modification of Printer DIM for PRT-300.	NIM	/	/	Will be done when (and if) PRT-300 arrives.
AST salvaging on system errors.	DRV	/	/	Design work as needed.
		/	/	
		/	/	
		/	/	

