

TO: Distribution
FROM: Roger A. Roach
DATE: August 12, 1974
SUBJECT: PDO Miscellaneous Multics Tasks Report

I. Significant Events

The Prime 300 system has been installed at Sloan School and seems to work. Harvey Baumel and Frank Smith have been getting acquainted with it as users. A few glitches have turned up, but in all, it looks like a good system.

The (hopefully) last set of changes have been made to the hardcore to support the new printer dim. We plan to try to install the new dim soon (maybe this week). It is rumored that Phoenix has brought up the new software, but we do not know if they had any problems.

II. Task Status

Work on the new performance script is progressing. We have a script which seems to be OK and have made a number of calibration runs. We will run one more set on 23.15 before setting up a new performance goal. The MTB describing this should be ready about August 19.

The last of the metering tool changes have been installed by HISI and we are now ready to start restricting the ACL on phcs_. Besides the "Sys" projects (SysAdmin, SysDaemon, SysMaint and SysLib), twelve programmers will have access to phcs_. This list, including the reasons, will be distributed to the Multics Administrative Distribution on a regular basis.

The documents for the new SBS have been reviewed by IPC and we are now incorporating the changes. We are planning to have the new documents ready by the end of the month and announce the new SBS in the September Bulletin.

Frank Smith has been digging into several accounting system problems and will be submitting fixes soon. The problems he is fixing include the misreporting of total memory units on the monthly reports, the problem with bad days getting on the black and white chart at the first of the month and the

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problem of some accounting cards getting mispunched.

Checkout of the Dartmouth source code is still underway. It appears that Dartmouth's conventions allow a few constructs that the Multics implementation does not and therefore we will probably have to maintain a copy of version 6 Basic for use with these programs.

In preparation for adding the new device classes, Gary Dixon has written a quick and dirty program called `print_queue` to list the total number of requests for each device class found in `>ddd>idd`. Since this program does not come up to system standards, we do not currently plan to install it in any of the libraries. (It is currently "installed" in `>sci` and is available to operations through "x pq".)

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Incorporate new basic into SBS	Smith	10/29/73	12/03/73	4.0	Installation waiting for review/correction
Generate PL/1 I/O Test Programs	Smith	01/28/74	02/22/74	3.0	Will incorporate with documentation by IPC
Convert metering tools to call ring_zero_peek	Roach	05/28/74	06/10/74	1.5	Already to cleanup ACL on phcs_
Copyright Program Enhancements				3.0	Being taken over by CISL
Printer Enhancements (MCR 031)	VanVleck Roach	09/25/73	04/01/74	3.0	Hardcore changes in, waiting for online changes DOM.
Punch Dim Enhancements				4.0	Requested by JRS, awaiting resources
Create a estimate_bill command				8.0	Final design awaiting resources
Rewrite runoff in PL/1	Capps	06/17/74	03/03/75	32.0	Beginning work on Multics version
Create a tape_archive command					Design necessary
Enhance local for tapes					Design necessary
Install editor for Black/White Chart	VanVleck				Low priority task, No MTB or MCR submitted
Install new Dartmouth library	Roach SIPB	04/01/74	06/17/74	2.0	Tape read in. Working on documentation.
Document Backup procedures	Roach			1.0	

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES	STATUS
Document Error Recovery Procedures	Roach			2.01		
Update system performance tests	Roach Jordan	05/25/74	07/01/74	3.01	Script developed. Running calibrations	
System Administration Fixes	Smith				COM. general task, individual tasks will be created if needed awaiting resources	
Create an IO driver to spool requests to tape						
Create an IO driver to spool COM unit requests					Low priority. Awaiting resources.	*
Add new device classes for labels, 8by11, 11by8, etc.					Awaiting OK from operations that stock is ready.	*
Telefunken support	VanVleck Roach				Will generate new set of tapes after next compiler is installed.	