

TO: Distribution  
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DATE: December 2, 1974  
SUBJECT: PDO Miscellaneous Multics Tasks Report

### I. Significant Events

The MTB on estimate\_bill has been published. We plan to submit the MCR covering it sometime this week.

We have generated an ANSI tape containing Multics print requests to be printed on OS. The OS programs that read in, unblock and translate the tape are working. We have uncovered three problems which will have to be solved before we can use it in production: 1) apparent translation errors in OS's translation of ASCII to EBCDIC, 2) possible difficulty with bottom-inside-page and top-inside-page carriage control (no documentation is available on this point), and 3) the ANSI I/O module requires numerous questions to be answered by the user until tape volume control is installed and thus might necessitate a command query handler being installed in the special I/O driver.

### II. Task Status

As mentioned above, the I/O Driver to spool requests to tape is almost complete and we are presently cleaning out the last problems. We hope to have something ready to submit this week. We are now planning to install this initially in the Installation Maintained Library due to a new problem expressed by the MCRB which has postponed action on the MCR until we can show that these tapes (with ASA carriage control) can be processed under Multics.

Work on the revisions to the misc command has almost been completed and we plan to submit a MCR soon.

Work on runoff is still proceeding although the schedule has slipped slightly. Nine out of the eleven programs have been coded and work on the other two is well under way. We are still hoping to have a working version by the end of the month although this schedule could be affected by a large amount of down time if problems develop installing the changes to the processors.

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PROJECT \_\_\_\_\_ Development Support \_\_\_\_\_ AREA \_\_\_\_\_ Miscellaneous Tasks \_\_\_\_\_

TASK DESCRIPTION	PERSONNEL	SIARI	FINISH	M-W	CHANGES-STATUS
Generate PL/1 I/O Test Programs	Smith	01/28/74	02/22/74	3.0	Will incorporate with 01/28/74 08/05/74 4.0 IPC's test
Restrict access on phcs_	Roach	05/28/74	06/10/74	1.2	Access is currently 05/28/74 10/15/74 1.0 restricted via commands
Punch Dim Enhancements				4.0	IN SYSTEM START UP. REQ Requested by JRS, awaiting resources
Create a estimate_bill command	Smith	11/04/74	12/02/74	3.0	MIB published
Rewrite runoff in PL/1	Capps	06/17/74	03/03/75	32.0	Working on Multics 06/17/74 version
Create a tape_archive command					Design necessary
Enhance local for tapes					Design necessary
Install new Dartmouth library	Roach SIPB	04/01/74	06/17/74	2.0	Tape read in. Working 04/19/74 08/26/74 on documentation.
Document Backup procedures	Roach			1.0	
Document Error Recovery Procedures	Roach			2.0	
System Administration Fixes	Smith				general task, individual tasks will be created if needed
Create an IO driver to spool requests to tape	Phillipps	02/09/74	11/15/74	3.0	In final debugging 02/09/74 12/06/74 stages. Plan to install in JML
Create an IO driver to spool COM unit requests					Low priority. Awaiting resources.