

TO: Distribution  
FROM: Roger A. Roach  
DATE: April 22, 1974  
SUBJECT: Misc. Multics/PDO Task Report

### I. Significant Events

The MCR on command name monitoring was approved and Dave Kayden has made a successful test of the code on the development machine. The change should be submitted soon.

### II. Task Status

Work on the PL/1 I/O test programs is almost complete (at least for this go around). Many of the bugs that were turned up in initial testing have already been fixed. We are now attempting to document what we have and integrate the I/O tests with the tests of the arithmetic and builtin functions which IPC is working on.

The printer code being worked on by Mike Grady has been submitted to the auditors and should arrive in the installation path sometime soon. Once it is installed, the new printer dlm that was done by Tom VanVleck can be submitted.

The new metering tools that call ring\_zero\_peek\_ have been installed for the most part. There are only a few programs left that call phcs\_\$ring\_0\_peek. The next step is to either remove ring\_0\_peek from phcs\_ or to move those entries required by system programmers to another gate. We plan to start removing non-system programmers from the ACL of phcs\_ in the near future.

At a suggestion from DSO, we are making a few minor changes to the sort\_seg command (and related subroutines) before actual installation. A MTB on the changes to sort\_items\_ will be published and a MCR approved.

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### III. Work Planned For The Next Reporting Period

We hope to complete the current work on the PL/1 testing programs although we will probably be adding new test cases as we find new problems. We hope to also complete the work on the printer dim and be able to provide the new features. There is also room for more work here, but that can wait until more manpower is available.

The command name monitor should be installed in the next month and we will have to determine how it will be used at MIT. A memo is being written for possible publishing in the Bulletin that will explain to users that we may be doing this type of monitoring.

Now that the new EIS compilers are about to be installed, we will probably be able to complete our work on SBS in the next month. We have a program to write for the new file naming conventions and the memos describing SBS will have to be corrected.

PROJECT Development Support AREA Miscellaneous Tasks

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
sort_file enhancements (MCR 107)	Kilinger	09/24/73	11/05/73	4.0	Approved with renaming to sort_seg. Will be installed after EIS.
Incorporate new basic into SBS	Smith	10/29/73	12/03/73	4.0	Almost done. Work awaits installation of new basic
Generalized Command Name Monitoring (MCR 104)	Kayden	10/15/73	11/19/73	4.0	Testing complete. Will be submitted.
Generate PL/I I/O Test Programs	Smith	01/28/74	02/22/74	3.0	First set almost done. Being documented.
Convert metering tools to call rlnq_zero_peak	Smith			1.5	Most modules installed. Starting to plan next steps.
Copyright Program Enhancements	Canali	03/11/74		3.0	Low priority task.
Printer Enhancements (MCR 031)	VanVleck	09/25/73			Grady's changes submitted.
Punch Dim Enhancements				4.0	Requested by JRS, awaiting manpower
Create a estimate_bill command				8.0	Final design awaiting manpower
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				Will work with SIPB people. Tape ordered.

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

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Document MPRF procedures	Roach			0.51	
Document Backup procedures	Roach			1.01	
Document Error Recovery Procedures	Roach			2.01	