Multics Task Report   MTR - 047

TO: Distribution

FROM: Roger A. Roach

DATE: June 17, 1974

SUBJECT: Misc. Multics/PDO Task Report

I. Significant Events

The tape mount package has been turned over to Honeywell to
incorporate some of their changes and to install. As a
result, Dennis Capps will be starting to work on the new
PL/I version of runoff. He will first implement a Multics
version and then put it up on the I3M 370/168.

Frank Smith will be taking over much of the work that Tom
VanVleck was doing in system administration and accounting.
There are numerous bugs/glitches in this area and a number
of requests for extensions which Frank will evaluate and, if
possible, implement. We will be working closely with
Honeywell (mainly Tom VanVleck and Tom Casey) on this.

II Task Status

The current version of sort_seg has finally been submitted
and we hope to have it installed soon.

Work on the PL/I test programs has picked up pace with IPC
starting up a project to test the builtin's and decimal
arithmetic.

The writing of the new memos on SBS has taken longer that
initially estimated, but we plan to have drafts ready within
a week. A fairly complete revision of the present documents
was deemed to be necessary due to changes in naming
conventions and to make the contents clearer to novice
users.

We tried the changes to the printer dim, but discovered that
a compatibility change had been overlooked and it has now
been corrected. A new DIM should be installed this week
which will be compatible with both DCM's. Once it is
installed, we will then install the new DCM in hardcore and
then we can install a further new DIM to take advantage of
the new features. In all, it will probably take another few

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weeks before we are using the new features.

The command name monitor will be installed in 23.12 and we
are closing out this task.

A preliminary rewrite of the performance scripts was done,
but resulted in more idle time. The reasons have been
determined and bit more work will be necessary. The problem
results in too much editing being done in the script. We
will probably have one script (of 5) with almost no editing
in it at all and leave the other scripts much as they are
now.

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-M	CHANGES-STATUS
sort_file enhancements (MCR 107)	Klinger	09/24/73 09/24/73	11/05/73 06/03/74	4.0 3.0	MCR approved 05/22/74. Submitted. *
Incorporate new basic into SBS	Smith	10/29/73 10/25/73	12/03/73 06/24/74	4.0	Almost done. New basic installed. Writing memos now. *
Generalized Command Name Monitoring (MCR 104)	Kayden	10/15/73 10/15/73	11/19/73 06/03/74	4.0 4.0	Done. Online portion installed, hardcore portion in 23.12. *
Generate PL/1 I/O Test Programs	Smith	01/28/74 01/28/74	02/22/74 07/01/74	3.0 4.0	First set almost done. Being documented. *
Convert metering tools to call ring_zero_peek	Roach	05/28/74 05/28/74	06/10/74 06/24/74	1.5 1.0	All modules converted except those being worked on by CISL. *
Copyright Program Enhancements	Canali	03/11/74 03/11/74		3.0	Low priority task.
Printer Enhancements (MCR 031)	VanVleck Roach	09/25/73 09/25/73	04/01/74 07/01/74	3.0 2.0	Grady's changes submitted. *
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 06/17/74	03/03/75	32.0	Beginning work on Multics version *
Create a tape_archive command					Design necessary
Enhance locali for tapes					Design necessary
Install editor for Black/White Chart	VanVleck				Low priority task, No MTB or MCR submitted

PROJECT _____ Development Support_____ AREA _____ Miscellaneous Tasks____

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Install new Dartmouth library	Roach SIPB	04/01/74 04/19/74	06/17/74 08/05/74	2.0	* Tape delayed with problems at Dartmouth
Document Backup procedures	Roach			1.0	
Document Error Recovery Procedures	Roach			2.0	*
Update system performance tests	Roach Jordan	05/25/74 05/25/74	07/01/74	3.0	* First test showed more idle time, need more work
System Administration Fixes	Smith				general task, individual tasks will be created if needed