

*Reach*

Multics Task Report

MTR - 097

Date: July 15, 1975  
From: John Gintell  
Subject: Contents of Multics System Release 3.0

The following are the entities to be included in Multics Release 3.0 to be made on September 30, 1975. The principal components are:

- MCS, first release
- Priority Scheduler, first release
- COBOL, first release
- SORT, first release
- Online T&D, second release (MDRs and ITRs)

This release will also contain a number of I/O system related enhancements, a new I/O daemon (AIM compatible), and miscellaneous bug fixes.

This release will be accompanied with the publication of Addenda to both the Command and Subroutine volumes of the MPM and the initial publication of the SWG volume of the MPM. Thus the standard user documentation will be up-to-date with respect to the system released.

In order to allow sufficient time for installation, exposure and bugfixing the following overall schedule is to be used:

Final MIT submission	July 14	(FW 29)
Final Phoenix transmittal	August 15	(FW 33)
System Frozen in Phoenix	September 1	(FW 36)

Exceptions to this will require advance notice, management approval, and special handling.

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It is expected that everything below will meet these dates with the possible exception of the last set of MCS and Answering Service changes to support dialable remote printers.

The date of transmission to Phoenix is given for all software coming from CISL. For Hardcore or Answering Service submissions, the system name is also given.

<u>System Name</u>	<u>Feature</u>	<u>Transmission Date</u>
Hardcore		
25.7	IO Interfacer	FW 25
25.8,8a	Misc	FW 26
25.9,9a,9b,9c,9d	Name Space	FW 27
25.10,10a	Dummy RCP	FW 28
26.0	MCS	FW 30
26.1	Scheduler	FW 31
26.2	Misc	FW 32
26.3	Real RCP	FW 33
26.4	Final MCS	FW 34
Answering Service		
8.0	AIM	FW 29
8.1	RCP + Scheduler	FW 32
8.2	MCS	FW 34

<u>Area</u>	<u>Date or System name</u>
<u>BOS</u>	
MCS core image and FEP utilities (for MCS and second IOM)	with 26.0, 26.4
Toehold	FW 32
<u>Hardcore</u>	
Scheduler	26.1
Typewriter DIM for MCS	26.0, 26.4
<u>SysDaemon</u>	
Answering Service and friends (for MCS and Priority Scheduler)	AS8.1, 8.2
I/O Daemon	FW 33
<u>I/O System</u>	
removable disk IO module (rdisk_)	FW 32
ANSI tape IO module (tape_ansi_ and tape_ibm_)	FW 32
Resource Control Package (RCP)	25.0, 26.3
iox_ enhancements for move attach, etc. (previously planned for MR2.2)	25.0, 26.2
Virtual File IO module (vfile_) (crash recovery and performance improvement)	FW 32
Tape, printer, reader/punch software (for RCP)	26.0, with new IO Daemon
G115 DIM for dialable remote printers	FW 34

User Commands and Subroutines

New list command	FW 33
command_loop upgrade for iox_ (previously planned for MR2.2)	26.2

Online T&D

Firmware loader and utilities	FW 32
POLTS upgrade (for RCP)	FW 32
MDR and ITR drivers	FW 33

COBOL and SORT

COBOL compiler	FW 29
COBOL utilities	FW 29
SORT command	FW 30

Miscellaneous

D355 core image for second IOM	26.4
GCOS restart	FW 32