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TO: Distribution  
DATE: 06/12/75  
SUBJECT: MR 3.0 MCS Development Tasks

## I. SIGNIFICANT EVENTS

With the completion of Phase 1 of MCS and its pending installation at MIT in 26-0, several tasks remain to be completed for the MR 3.0 release of MCS.

Support is required for correspondence code 2741's and upper case only mode at all baud rates. Both of these items involve changes to the 6180 translation tables and answering service support.

Two new line protocols will also be supported by MR 3.0 MCS. The first is the general class of terminals which are similar to a TermiNet 1200 operating with a Bell 202C6 modem. These terminals are not well suited to Multics since they do not permit read-ahead or interruption of input with output, however support for this class of terminals has been requested by many people. The second line protocol which will be implemented is dialup two way alternate synchronous lines in the range 2000-9600 baud on the appropriate Bell modems. Initial implementation will be directed at support for the G115 remote computer interface only.

The other major task for 3.0 is improved support of the G115 interface. This will be accomplished by moving much of the protocol support to the 355 and reorganization of the 6180 g115\_DIM. Changes to the answering service will also be required to support dialup G115's using the new protocol.

Some other minor tasks such as changes to assist proper ARDS graphics support and new login options will also be done, along with maintenance and bug fixes to Phase 1 MCS.

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PROJECT MCS Development AREA MR 3.0 Tasks

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-SIAIUS
Correspondence code 2741's; escape conventions	Grady	EM25.a.2	EM25.a.6	1,3	
Correspondence code 2741's; translation tables	Coren	EM28	EM29	1	
Upper case only mode, all baud rates	Coren	EM25	EM28	3	
TN1200 on 202C6 modem	Grady	EM28	EM30	2	Need board for TN1200
Dialup Sync Lines	Grady	EM26	EM28	2	Need Bell modems
AS changes to recognize Correspondence 2741's, TN1200 on 202C	Green Grady	EM29	EM30	1	Need set_dev_class order
AS changes for hardwired + dialup G115's	Green Whitmore Grady	EM25	EM27	2	Design
Improved G115 Interface, design	Adslt Grady	EM20 EM20	EM22 EM22	2 2	Done
355 control_table changes for G115 protocol	Adslt	EM25	EM29	4	
New 9115_ DIM for I/O Daemon	Adslt	EM22	EM25	3	
Interface to DIM for AS	Grady	EM25.a.6	EM26	1,3	

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PROJECT \_\_\_\_\_ MCS Development \_\_\_\_\_ AREA \_\_\_\_\_ MR 3.0 Tasks \_\_\_\_\_

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
New login control arguments, -type and -upper_case	Green	EM28	EM29	1	
New orders for ARDS graphics	Coren	EM29	EM30	1	