

TO: Distribution  
FROM: John Gintell  
DATE: July 16, 1974  
SUBJECT: Status of the On-line T&D Project

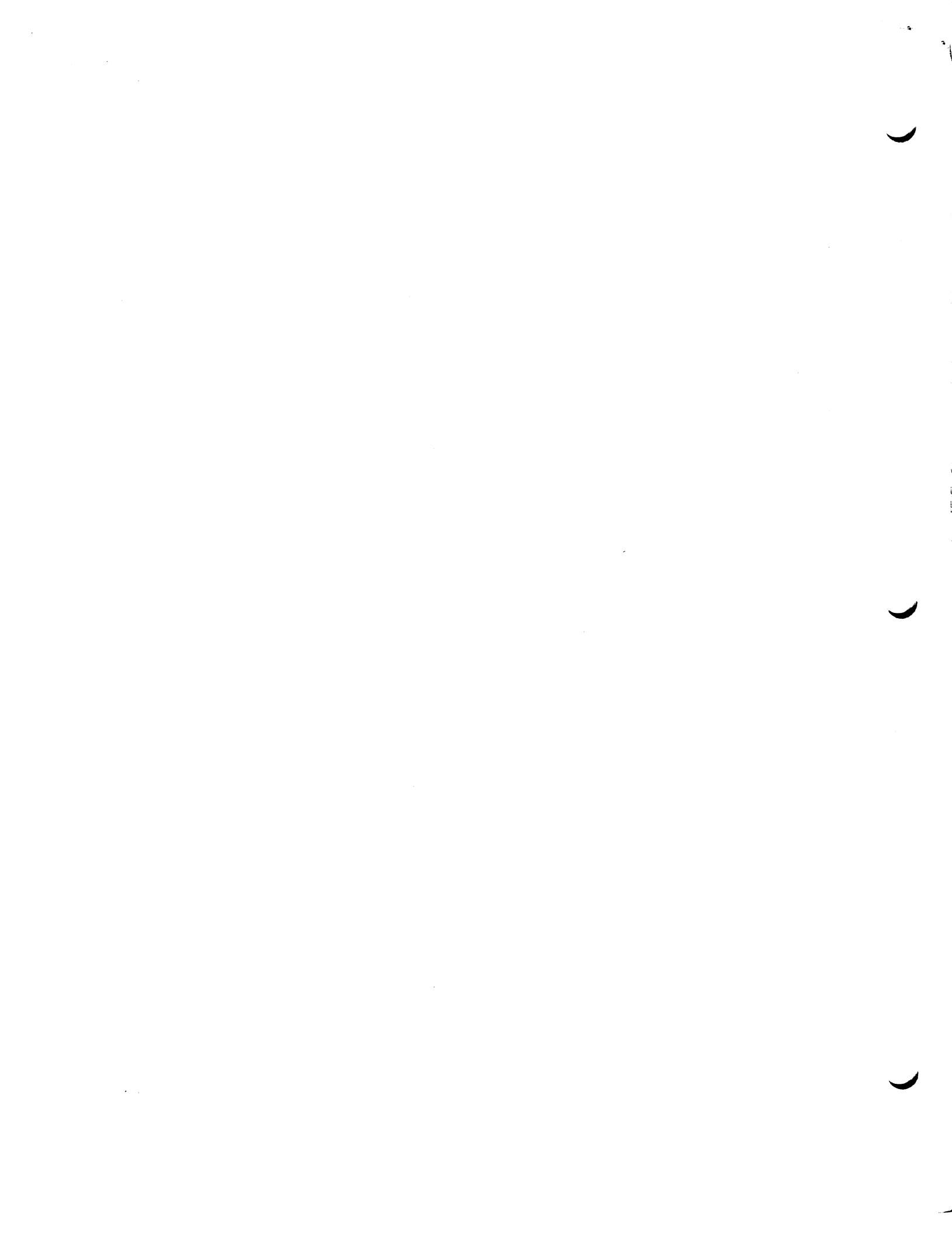
The special process overseer for the On-line T&D user was completed and turned over to the Phoenix On-line T&D group.

The modifications to the message coordinator and to the Operator Console DIM were coded and tested in an on-line simulation mode. The message coordinator that was one large program was broken up into several smaller programs for ease of maintenance. These changes are ready for Bootload checkout on the Development Machine when it becomes available.

The design for the I/O Interfacer has received many refinements as consideration for the handling of Multiplexed device (tapes) was given. Future enhancements to the tape software were also considered with the point of view that both functionality and performance are important. As a result we now have a basic I/O handling strategy that should be effective for future work.

The initial coding of the I/O interfacer is essentially complete as is the coding for the core management scheme. These await the Development Machine for checkout. Consideration has been given to building a simulation environment to do some of the checkout on-line but it appears that it is too much work with too little return.

The I/O interfacer and core management will be checked out using a specially built simple card reading DIM. After that, the On-line T&D programs developed by the Phoenix group will be integrated and tested on the Development Machine.



TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS	
Implement POLTS overseer	Silver	FW 4-18	FW 4-18	1	Done	*
Specify changes to PRPH cards	Morris	FW 4-10	FW 4-10	1	Done	*
Code PRPH card changes	Morris	FW 4-11	FW 4-13	2	Done	
Checkout PRPH card changes	Morris	FW 4-11	FW 4-15	1	Done	
Write detailed spec for I/O interfacier	Morris	FW 4-11	FW 4-13	3	Needs to be brought up-to-date	
Code iom_manager changes for I/O interiacer	Morris	FW 4-13	FW 4-13	1	Done	
Code I/O interfacier	Morris	FW 4-18	FW 4-20	3	Changes for multiplexed devices (tapes) included	*
Write cardread DCM to checkout I/O interfacier	Morris	FW 4-20	FW 4-27	6	Replacement of printer DCM mod task- easier	N
Design core management for I/O Interfacier	Morris	FW 4-27	FW 4-27	1	Done	*
Implement and integrate core management	Greenberg Morris Silver	FW 4-16	FW 4-17	1	Done	*
Checkout I/O interfacier	Greenberg Morris	FW 4-22	FW 4-22	2	Coded, ready for testing	*
Integrate I/O interfacier with T&D for cards, printer, console	Morris Greenberg Silver	FW 4-18	FW 4-25	4	Needs development machine FW 30	*
Installation and Exposure of I/O Interfacier	Morris Silver T&D group et.al.	FW 4-22	FW 4-36	7	To be done on CISL machine	*
		FW 4-26	FW 4-33	8	Needs IOM FCO	N
		FW 4-33	FW 4-40			
		FW 4-41	FW 4-48	8		

PROJECT                      On-line T&D SupportAREA                      Multics Release 2.1

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS	
Implement TTYDIM modification to send wakeup upon output completion	Snyder	FW 4-19	FW 4-20	2	Done (MIT 23.12)	*
Analyze Operator Console DIM interaction with I/O interfacer	Silver Morris	FW 4-17	FW 4-17	1	Done	*
Modify Operator Console DIM mechanism	Silver	FW 4-18	FW 4-23 FW 4-31	4	On-line checkout complete, ready for Dev machine	*
Analyze tape DCM inseraction with I/O interfacer, design replacement	Morris Silver	FW 4-16	FW 4-19 FW 4-24	3	Done	*
Design writearound to simulate TDCM calls	Silver	FW 4-28	FW 4-30	3	Design complete, MTB to be written	*
Implement and integrate TDCM writearound	Silver	FW 4-31	FW 4-39	8		
Integrate Tape T&D	Morris Silver T&D group	FW 4-41	FW 4-46	6		N
Installation and Exposure of Modified Tape software	Morris et.al.	FW 4-47	FW 5-02	8	Needs MTS-500 FCO	N