

MULTICS TASK REPORT

MTR - 022

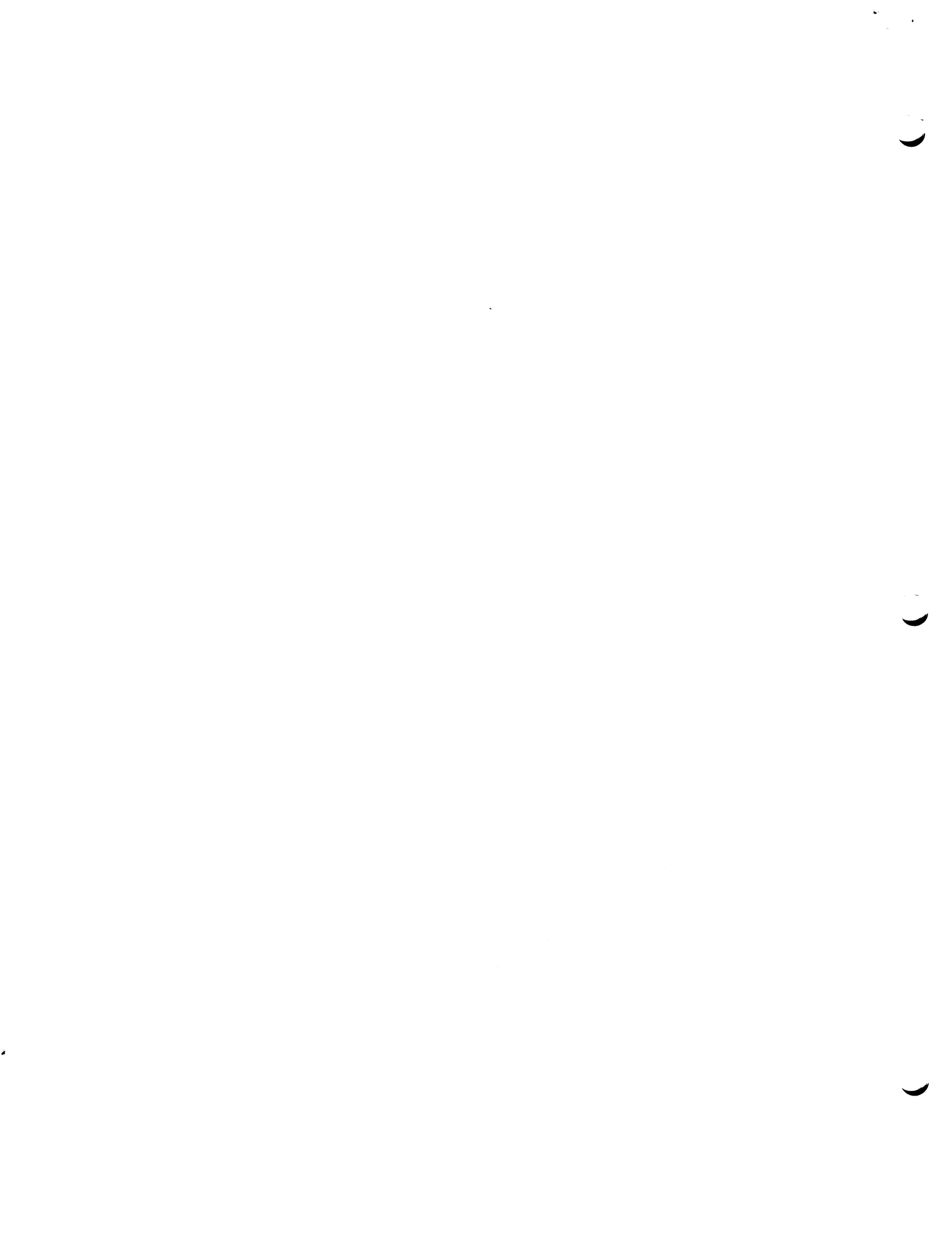
TO: Distribution
FROM: John Gintell
DATE: December 7, 1973
SUBJECT: Remote I/O Software Status

Progress on this project is good. It currently appears to be an additional two weeks behind its present schedule. This is not a problem since its projected completion date is still earlier than the externally committed dates.

The communications software to operate the Mohawk system is under checkout. Some is being done on the development machine as originally planned, but in addition to this a user ring simulator was built to remove development machine dependency from some of the checkout. The Mohawk and its G115 emulator are operational. As one might guess, there are some minor differences between it and a real G115 and discovering these takes additional time.

The new I/O daemon has completed its checkout. Operational documentation is now being written. It will be prepared for installation independently of the remote printer software so that we can gain some experience with it as soon as possible. This event will occur sometime in January.

Multics Project internal working documentation. Not to be reproduced or distributed outside the Multics project.



TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-SIAIUS
Document G115 iosim design	Grady	EW 3-28 FW 3-28	EW 3-29 FW 3-31	2	Done, MSB published
Code ring 4 G115 iosim - handles reader, punch, printer, & teleprinter	Haber	EW 3-32 FW 3-32	EW 3-35 FW 3-37	4 6	Done
Checkout ring 4 G115 iosim	Grady	EW 3-36 FW 3-45	EW 3-43 FW 3-50	4	Being done as part of another task
Code ring 4 G115 DCM	Haber Grady	EW 3-38 FW 3-38	EW 3-39 FW 3-39	2	Done
Code ring 0 G115 iosim	Grady	EW 3-30 FW 3-33	EW 3-31 FW 3-36	2 3	Done
Familiarization with Mohawk Data 2400	Grady	EW 3-38 3-42	EW 3-39 FW 3-43	2	Done
Code 355 HSLA changes for G115	Grady Wells	EW 3-32 FW 3-39	EW 3-37 FW 3-40	4 2	Done
Checkout 355 HSLA, ring 0 DIM, ring 4 DCM	Grady Haber	EW 3-44 FW 3-45	EW 3-47 FW 3-50	4 6	In progress - 3 computers, two buildings & Telco
Document I/O daemon design changes	Coren	EW 3-28 FW 3-28	EW 3-29 FW 3-30	2	Done MTB, MCR approved
Design details of block/wakeup interface	Coren	EW 3-30 FW 3-30	EW 3-30 FW 3-30	1	Done
Code principal coordinator procedure	Coren	EW 3-31 FW 3-31	EW 3-32 FW 3-33	2	Done
Modify I/O daemon to new driver interface	Coren	EW 3-33 FW 3-33	EW 3-33 FW 3-33	1	Done
Code device dependent device driver procedures	Coren	EW 3-34 FW 3-33	EW 3-37 FW 3-40	2 4	Done

GROUP _____ Multics Development _____ DATE 12/11/73 _____ PAGE 2 / 2

PROJECT _____ Remote I/O _____ AREA _____ MCRS 172, 148, & 115 _____

TASK DESCRIPTION	PERSONNEL	SIARI	FINISH	M-W	CHANGES-SIAIUS
Chang: Ans Serv for dial to work OK	VanVleck Coren	EW 3-39	EW 3-39	1	Needed only for > 1 remote device
Code initialization procedures to I/O daemon	Coren	EW 3-39 FW 3-40	EW 3-39 FW 3-41	1	Done
Modifications to dprint command and dprint_	Coren	EW 3-40 FW 3-42	EW 3-40 FW 3-43	1	Done, approval of enter_daemon_request may affect
Debug new I/O daemon	Coren	EW 3-40 FW 3-44	EW 3-42 FW 3-49	3	Done
Prepare documentation for new I/O Daemon	Coren	EW 3-49	EW 2-52	4	New task, in progress
Integrate 6115 iosim with new I/O daemon	Grady Coren Haber	EW 3-44 FW 3-51	EW 3-47 FW 4-02	4	
Live test, bug fixing, documentation	Coren Grady Haber	EW 3-48 FW 4-03	EW 3-52 FW 4-07	4 15	Note projected end date