

Date: March 26, 1975
From: John Gintell
Subject: Status of the Priority Scheduler Project

The first few months of this year have been spent studying the requirements for the new scheduler and how to implement it in the time frame allotted. An MTB which describes this is in preparation now.

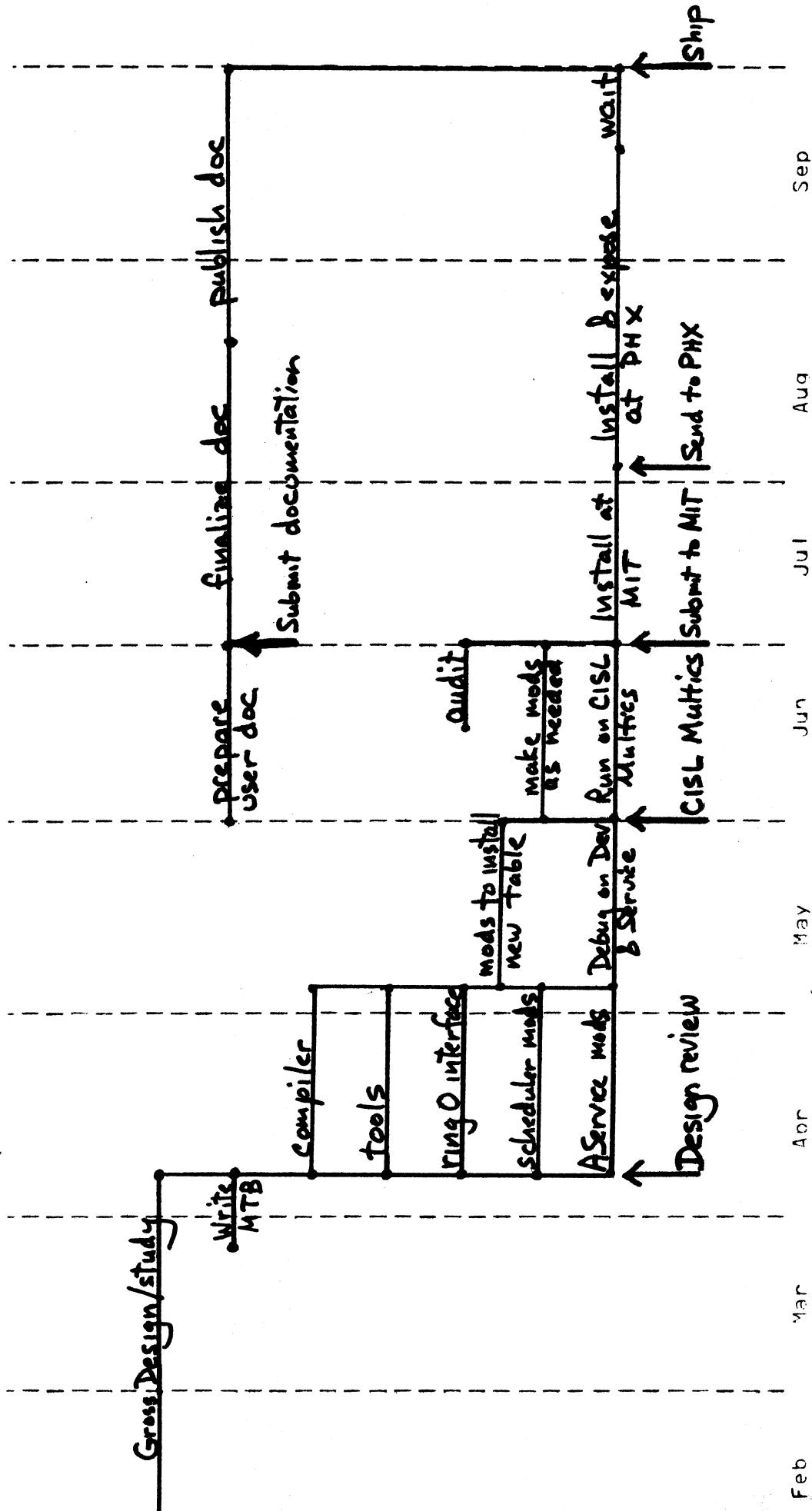
The version of the Priority Scheduler released in 3.0 (September 1975) will not be the final one. Operational and user experience will be needed in order to produce the final product.

The following are the most significant benchmarks for this project:

- Design Review
- Begin exposure on CISL Multics
- Installation at MIT
- Installation in Phoenix

The detailed task list and task diagram show when these events will occur.

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



Priority Scheduler

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Gross design and study	Mullen	FW 5-01	FW 5-14	14	Essentially done
Write MTB specifying user interface and implementation strategy	Mullen	FW 5-13	FW 5-14	12	In progress
Design Review	Mullen	FW 5-15	FW 5-15	10	
Implement compiler to translate table	Casey	FW 5-15	FW 5-18	11	This table must be integrated with other tables
Implement crude metering tools	Mullen	FW 5-15	FW 5-18	11	
Implement ring 0 interface to process creation	Mullen	FW 5-15	FW 5-18	11	
Modify scheduler to deal with new parameters	Mullen	FW 5-15	FW 5-18	11	
Modify Answering Service for new interfaces	Casey	FW 5-15	FW 5-18	11	
Debug on Development machine	Mullen Casey	FW 5-19	FW 5-22	14	Needs previous 5 implementation tasks.
Implement mechanism to reinstall a new table	Mullen Casey	FW 5-19	FW 5-22	14	
Run on CISL Multics	Mullen Casey	FW 5-23	FW 5-27	15	
Make modifications as needed	Mullen Casey	FW 5-23	FW 5-27	15	
Prepare submission and audit	Mullen & others	FW 5-26	FW 5-27	12	

TASK DESCRIPTION	PERSONNEL	SIARI	FINISH	M-W	CHANGES-SIARIUS
Install at MIT, obtain service exposure	Mullen	FW 5-28	FW 5-37	10	
Install at phoenix, obtain exposure	Mullen Support group	FW 5-32	FW 5-37	16	System freezes FW 5-37.
Prepare user documentation	Mullen Casey	FW 5-23	FW 5-27	15	
Finalize documentation	Tech writers	FW 5-28	FW 5-33	16	Must be integrated into Sys Admin manual
Publish documentation	Tech writers	FW 5-34	FW 5-39	16	Wait for printing