

# Honeywell

*Jerry Seltzer*

*For your info.*

To: List of Attendees cc: RE Hoffman

Subject: FORUM Minutes for March 20, 1973

Attendees:	WJ Burner	RM Gross	LJ Ryan
	CT Clingen	EN Kleinow	JR Steinberg
	RC Daley	JR Ohlin	DR Vinograd
	JW Gintell	RA Roach	SH Webber

## A. H6180 Hardware Status

- Wed: SCU C clock failed - nothing found wrong.
- Thurs: SCU C Store A parity - nothing found wrong.
- Fri: SCU C Store A, SCU B Store A parity - nothing found wrong.
- Mon: SCU C Store A lost power - Power supply will be replaced.
- CPU-A updates for EIS are complete, testing is in progress using Bill Silver's EIS Tester.
- CPU-B updates will start after a day's service on CPU-A.
- Fri: LSLA 11 "lost" after several failures last week - board replaced.
- Bulk Store and PRT 300 move still scheduled for Friday. It is expected that from 8AM until 2PM there will be only one printer available in Building 39.

## B. H6180 Software Status

- A new System Control/Answering Service has been prepared by Van Vleck that must be installed to turn on the new rates. It will be tested on the Development Machine.
- A software change is planned that will eliminate crashes caused by memory parity errors detected on paging I/O write operations.
- Dynamic CPU reconfiguration worked. It awaits 2 CPU's with the same format of SCU data for further testing. This will probably not happen until next week.
- 384K was run during one afternoon with no problems.
- A very critical reloader bug has just been found; it will be repaired on both systems ASAP.
- Yet another bug has prevented the card software from becoming smoothly operational.
- PL/I operator segment that uses EIS instructions to do string moves and compares has been prepared.

C. Communications, Consoles, Terminals

- The nomenclature of the tty lines was changed so that the tty channel number can be used to determine which LSLA and which subchannel is being used.
- The 355 Software upgrade to support 4 LSLA's will be installed this week.
- A delivery date for ARDS DataSets is needed in order to determine when the ARDS capability will be available. Ryan will push this so that the HSLA software becomes the critical item.

D. Progress on Service

- There were 30 crashes during the week running from Monday to Sunday.

<u>Cause of Crash</u>	<u>Number</u>	<u>Comments</u>
TTYDIM/355 software	8	analysis and fix in progress
Newly installed software	3	problems fixed
IOM system fault	6	trap installed to find problem
Memory	6	nothing found wrong
Bulk Store	1	nothing found wrong
CPU-B	3	CPU upgrade in progress -- will fix
LSLA	1	problem fixed
FE/OPER	2	

- We are still aiming to commence Trial Service on April 9! Although there are many loose ends, projects to clean them up have all been scheduled with completion of all required items expected before April 9. Daley, Clingen, Gintell, Roach, and Jordan will meet after the FORUM to go over the list and work through details of the System Assurance "takeover".
- No progress reported on preparing for the performance tests. Daley will assign someone to do the work.
- 190 drives are still on schedule. Burner wants a confirmation on delivery of his eighth 190 drive. The 191 delivery date is still December 31; we will continue to keep track of this to see whether it can be made earlier.

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E. Tech Square

- 1 PRT300 is down because of a broken cover. The cover is in the welding shop and a new cover is on order. Ryan pointed out that the cover had been broken for more than two weeks.
- CPU-A is down. It was worked on over the weekend with no significant results. There is still some question as to whether all of this problem is in the CPU or whether part of it is a CPU/Memory interface problem. An adequately reoccurring test case is needed before John Ammons could be effectively utilized. Three memories will be run on Service between noon and 6PM; the rest of the time may be utilized by Field Engineering. In addition to impacting service, the development machine use to complete the remaining 645 installations and to perform and test the 645/6180 performance tests is affected.

F. Miscellaneous

- A Preventative Maintenance Schedule has been proposed and accepted. It must be integrated into the Service and Development machines schedules.
- It was recommended and agreed that the Development machine printer be made configurable onto the Service system so that Development dumps can be printed from the Service.
- There was some discussion without complete resolution on the use of the Development machine and/or Service system for non-Honeywell sanctioned projects.

  
John W. Gintell

JWG/s