

22 April 1981

MEMORANDUM FOR: Director of Data Processing

ATTENTION: Executive Officer

FROM: [redacted]  
Deputy Director for Processing

SUBJECT: Processing Weekly Report for Week  
Ending 21 April 1981

1. Systems Availability: Attached is the Systems Availability Report.

2. GIMS software and documentation was sent to [redacted]  
[redacted] They plan to use GIMS as part of  
a technology demonstration involving the Arpanet. [redacted]

3. As requested by the Chief of C/Division, the DCI data  
base was retired from the GIMPRODUCTION system on 17 April. [redacted]

4. Data Base Control Center is participating in a 72 hour  
load test for the new Message Processing System. This test will  
run from 21-24 April. [redacted]

5. All the changes necessary for the new FEGLI processing  
were put into production. MASTERFILE ran successfully with only  
two minor problems. [redacted]

6. The new PERSEAS interface to PERSIGN ran successfully  
and was accepted into production. [redacted]

7. We accepted into production two OSWR applications. One  
of the applications is the monitoring of the OSWR cable traffic.  
This is the first customer for whom we will be responsible for  
their entire cable process, from AMPS to their data base. The second  
application is a reporting facility for an overhead collection data  
base. A third application is expected to be turned over to use in  
the near future. [redacted]

8. All the necessary data needed for the PCB study on paper consumption has been collected and is being loaded into a database. We will begin examining the data as soon as the loading process is complete. [redacted]

STAT

9. Last week the VM service was supported on the new processor (3033 MP) all week. Trivial and minor command response times were 0.19 and 4.39 seconds, respectively. The Expansion Factor for major commands was 15.87. All of these metrics are within the performance goals of the VM service. [redacted]

STAT

10. During the past several weeks, there have been periodic occurrences of slow response on the GIMDEV system. The source of this problem is an over-utilized history tape channel causing GIMDEV waits. To alleviate this problem, access to the GIMDEV history tape drive will be provided via a second channel. [redacted] STAT

11. The Ruffing Center had a comparatively good week for applications. VM, availability appears to be increasing to a normal level as the SP and MP problems abate. On Wednesday a Telex controller failed, which halted JES for 15 minutes, all OCR applications for an hour, and the batch system for 75 minutes. VM was down 125 minutes Thursday due first to a unsuccessful attempt to restore a disk pack, and later to leaving that pack improperly allocated. On Friday OLTA was out for 4 hours due to OLTA monopolizing a CPU, and later attempts by SPD to fix the problem. GIMPROD lost 109 minutes Friday due first to an SPD software problem, and later because its computer hung. [redacted]

STAT

12. The Special Center had a very good week through Monday with only a few minor outages to CAMPROD, STAR, and NIPS. On Tuesday DDOGIMS and NIPS were down for nearly 4 hours. The problem began when a COMTEN failed, followed by a procedural error in switching to a backup COMTEN, followed by a hang of the JES Global computer due to a TBAR failure. [redacted] STAT

13. A four megabyte memory upgrade to Amdahl 470/V6 is scheduled for Tuesday, 28 April. The upgrade is required prior to this systems planned move to the Special Center in May. [redacted] STAT  
STAT

[redacted]

[redacted]

STAT

Att: a/s

UNCLASSIFIED

22 APRIL 1981

DDA/ODP  
SYSTEMS AVAILABILITY SUMMARY  
MONDAY 13 APR 1981 THRU SUNDAY 19 APR 1981

SYSTEM	CURRENT WEEK 13 APR - 19 APR	PREVIOUS 90 DAYS 12 JAN - 12 APR	DIFFERENCE
BATCH	99.26	96.16	+ 3.10
INTERACTIVE	96.76	95.43	+ 1.33
GIMS	96.00	95.07	+ .93
CAMS	99.45	98.05	+ 1.40
OCR-COLTS	94.84	93.89	+ .95
OCR-RECON	93.74	91.11	+ 2.63
DDO-STAR	98.13	94.85	+ 3.28
OSWR-TADS	99.94	97.35	+ 2.59

OCR-COLTS and OCR-RECON both experienced below the goal of 96 percent for the week with each application recording outages due to hardware, software, and procedural errors.

- OCR-COLTS had 2 hours and 30 minutes of TELEX hardware outages and a 5 minute software problem.
- OCR-RECON experienced a 1 hour and 39 minute procedural problem, a 1 hour TELEX hardware outage, and 29 minutes of software errors.