18 February 1981

MEMORANDUM FOR: Director of Data Processing

ATTENTION: Executive Officer

25X1 FROM: [   ]
Deputy Director for Processing

SUBJECT: Processing Weekly Report for
Week Ending 17 February 1981

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

2. The new release of the VM operating system software (VM/SP) was installed 8 February. High user activity levels and performance problems with the new VM software resulted in degraded response all week. Problems with the new software also resulted in 1:40 of downtime for the week (availability = 96.97%). The source of the additional overhead required by the new operating system is being investigated. (Note: New all time user level on 10 February was 327 users.)

3. The GIMPROD service was available for only 90% of its scheduled "up" time during this week. The primary causes of downtime were GIMS software problems and an Amdahl processor failure.

4. The Ruffing Center had a moderate week. On Wednesday, the batch system lost 20 mintues due to software-related problems, and on Thursday 161 minutes due to a bad paging pack and JES problems induced by applications software. JES was down 131 minutes due to V6 hardware problems and paging difficulties; GIMDEV and the batch system lost a somewhat lesser amount. OCR also lost 106 minutes on Friday due to hardware problems. Acceptance testing for the new Telex drives (subsystem 14) was completed during the week.

5. The Special Center had a good week. On Wednesday there were Comten failures and also a loss of communications with all tape drives due to a bad card in one of the drives. This and some other difficulties caused a loss of DDOGIMS for 192 minutes, TPNIPS for 175 minutes, and TPSTAR for 105 minutes. CAMPROD had very little difficulty, and a perfect week since Thursday.

6. New sysgens have been installed on Comten 6 in the Special Center and on Comtens 4 and 5 in the Ruffing Center. The sysgens incorporate fixes to allow the Delta Data 7260 to use CAM and full screen edit. Also included are additional switching characters for DDO and VM.

7. The installation of the raised flooring for the 1D16 expansion area was completed during the 13-16 February weekend. Progress continues on the installation of the 60Hz and 415Hz power panels for the area.

8. TBAR and ED personnel upgraded the TBAR II matrice in the Ruffing Center from a 4x8 to 8x8 matrice. This is in anticipation of the expanded number of byte channels available with the new VM processor.

9. A 3350 Disk Pack was allocated to OCR to meet partial allocation of the Pilot Mail DASD Requirement for FY-81.   25X1

10. The CMS component of VM/SP was installed on the general timesharing and TADS systems. This completes the migration from VM/370 to the VM/SP operating system as the base for our interactive

25X1 services.

11. CPR Cleaning Systems, a professional cleaning service under contract to the Agency, gave the GC-03 Computer Center a thorough cleaning on Saturday, 14 February.

12. Two megabytes of Cambridge Memory will be installed on the 370/168-2 on 21 February. The system will be unavailable for approximately 40 hours.

13. A 20 hour chilled water outage is scheduled for 21 February. This outage is scheduled to allow connection of the new SAFE Computer Center to the power plant. Both the Ruffing and Special Centers will be supported on the backup chiller system.

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Att: a/s

UNCLASSIFIED

18 FEBUARY 1981

DDA/ODP
SYSTEMS AVAILABILITY SUMMARY
MONDAY 09 FEB 1981 THRU SUNDAY 15 FEB 1981

SYSTEM	CURRENT WEEK 09 FEB - 15 FEB	PREVIOUS 90 DAYS 10 NOV - 08 FEB	DIFFERENCE
BATCH	96.06	97.57	- 1.51
INTERACTIVE	96.97	98.26	- 1.29
GIMS	90.30	96.78	- 6.48
CAMS	99.74	98.89	+ .85
OCR-COLTS	95.30	95.05	+ .25
OCR-RECON	95.44	90.18	+ 5.26
DDO-STAR	97.83	97.23	+ .60
OSWR-TADS	98.49	96.92	+ 1.57

GIMS, OCR-COLTS, and OCR-RECON all reported a below average week with each application recording outages due to hardware, software, and unresolved errors.

- GIMS experienced 3 hours and 3 minutes of software problems and 1 hour and 48 minutes of hardware outages.

- OCR-COLTS had 1 hour and 46 minutes of hardware errors and 35 minutes of unresolved I/O problems.

- OCR-RECON had 1 hour and 46 minutes of hardware problems and 31 minutes of software errors.