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TALENT-KEYHOLE

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TCS-9200-64
17 November 1964

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Information Processing Division
Report for June 1964

General

1. The Automated Reporting Subcommittee of the Photographic Intelligence Production Board held its first organizational meeting on 24 June. This Subcommittee will provide a much needed forum for discussing and coordinating new procedures and ADP systems for the production of published reports and reference files. The end product of subcommittee deliberations will be systems studies concurred in by the Committee and recommending to the PI Production Board adoption of specific procedures for automated report generation.

2. The IBM 1401 system was down a total of 74 hours during the month. This is an all time high. The exact cause was never determined; the fault recurred often but would not stay on the machine long enough for engineers to locate it. Because IBM could not predict the time required for repairs and because several high priority jobs were imminent, [redacted] IBM Account Representative, had a new 1401 system pulled off the production line at Poughkeepsie, installed and operational on 24 hours notice. In addition a team of IBM engineers, including a technician from the factory worked around the clock several days to restore our 1401 to proper working condition. IBM also made approximately 40 hours of machine time available at their Education Center and at the Bender Building. 50X1

3. Discussions were started with [redacted] to extend the date for termination of the contract with LMSC for programming services. The original work order called for completion of the contract by 30 November 1964. It is clear that we will continue to require the services of LMSC programmers beyond that time. The contract can be extended at no additional cost to the government since the LMSC work effort did not develop as rapidly as had been expected and has tapered off, due to resignations and transfers, sooner than anticipated. 50X1 50X1

4. In conjunction with the Assistant for Operations discussions were held with [redacted] of OPCEN (OSA) and [redacted] of (S) NRO regarding the establishment of a high speed data transmission network. 50X1

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As a result of these discussions we recommended and the Executive Director approved establishment of a terminal at NPIC. When operational (estimated date November) NPIC will be able to transmit and receive data with the West Coast at the rate of approximately 185 lines of 120 characters each per minute. The systems verifies each character before transmitting the next to insure accuracy. Transmission rates for closer points will be even higher since the rate is limited by the time required for the signal to physically travel across country and return to the sender for verification!

5. At month's end GSA completed modifications to the TSB area of TID permitting consolidation of the various parts of the Systems and Programming Branches on the second floor. At the same time the Office of the Chief was relocated to the second floor. These physical moves encouraged and facilitated the actual integration of operations within these two Branches and were essential to effective management. The Operations Branch -- actually the Computer Operations Section of the Operations Branch -- remains split between the second and fourth floors making operations -- especially shift operations -- very difficult until the 1401 is relocated with the 490. This move has been delayed until FY 65 pending the availability of funds and the completion of surveys by the Office of Logistics and GSA.

Systems Branch

Systems Branch activity centered around formulation of the types of substantive operating problems requiring analysis and study, completion of specifications for automatically incorporating COMOR requirements into Target Briefs and continued systems and procedure design on the All-Source System.

Programming Branch

1. Programs were started to select from the Target Brief File those targets covered by a given KH-7 mission and to plot mission coverage as well as the targets. These programs will greatly assist in pre-OAK preparation.

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2. The AFP "Best Fit" ephemeris program was modified by [redacted] 50X1
[redacted] at LMSC with the result that our ephemeris no longer agreed 50X1
with that supplied at LMSC. Arrangements are being made to receive prior notification of such changes in the future.

3. Programming for the Program Analysis System was set back by some modifications and as a result a crash effort was initiated in an effort to meet the July 15th deadline.

Operations Branch

1. Production in all three sections increased necessitating 1,073 hours of overtime - a new high. Overtime on the 1401 totaled 428 man-hours and was partly due to the excessive down-time (see General Para 2). 1401 System utilization totaled 204 hours not including 75 hours of down time and 25 hours rerunning projects stopped in midstream by machine faults. Requests processed totaled 143 of which 128 were National and 15 Departmental. In addition 6 OAKs, 2 KH MCIs, 14 IPIRs and 32 Yankee Team MCIs were processed.

2. Univac 490 production time rose to 108 hours which is an increase of 68 hours over May. Test and assembly time remained approximately constant at 151 hours making the total for the month 259 hours.

3. Minicard System production included:

a. 87 Information retrieval search requests

b. 7,490 Minicard enlargements

c. 71 PID informals

d. 300 documents resulting in 46,492 file expanded Minicards added to the files.

e. 2,067 WAC Mosaics added

f. 5,238 Minicards were duplicated on 16 mm roll film in response to an NSA request for a copy of [redacted] reports. 50X1

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4. GSA began the modifications necessary for installation of the PAKO Processor. As a result the Minicard film processor was relocated in the Photo Lab. Minicard enlarging had to be halted because the water supply was temporarily suspended.

5. Rehabilitation was started in the Minicard selector obtained from storage. When completed this machine will be available for backup to our other selector.

Training

1. [redacted] attended a two week school at the University of Michigan on Real Time Computer Application and Theory. 50X1

2. [redacted] completed the Basic Supervisory Course. 50X1

3. [redacted] completed the Management Course. 50X1

4. [redacted] attended the DPMA Computer Conference in New Orleans. 50X1

5. [redacted] started IBM's Home Study 1401 Programming Course. 50X1

Personnel

1. [redacted] entered on duty with the Programming Branch. 50X1

2. [redacted] resigned to work for the Bell Telephone Company in New Jersey at a 10% increase in salary. 50X1

3. Of the LMSC programmers, [redacted] returned to LMSC, while [redacted] resigned from the company. 50X1 50X1

50X1

[redacted]
Chief, Information Processing Division

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