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OSP. REGISTRY FILE COPY

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28 OCT 1970

MEMORANDUM FOR: Director, CIA Reconnaissance Programs
SUBJECT : OSP's NRO Quarterly Report on NRP
Satellite Systems

Attached for your consolidation into an overall CIA
Reconnaissance Report is OSP's NRO Quarterly Progress Report.
Two additional copies are attached for Dr. McLucas, and one copy
each of CORONA and [redacted] is attached for forwarding to
[redacted]

[redacted]
Director of Special Projects

Attachment: a/s

Declassified and Released by the NRO
In Accordance with E. O. 12958
on NOV 26 1997

GROUP 1
Excluded from automatic
downgrading and
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CONTROL SYSTEM SECURITY

SECRET [REDACTED] [REDACTED]
SUBJECT: OSP's NRO Quarterly Report on NRP Satellite Systems

Distribution:

[REDACTED]

DD/S&T/OSP [REDACTED]

[REDACTED]
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SECRET [REDACTED] [REDACTED]

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HANDLE VIA [REDACTED]
~~CONTROL POINT [REDACTED]~~

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QUARTERLY PROGRESS REPORT

SATELLITE SYSTEM

1 July 1970 Through 30 September 1970

I. CORONA PROGRAM

A. System Status

1. CR-12 (Mission IIII) was launched from VAFB on 22 July 1970. The mission was completed without incident. The "A" recovery was made on 30 July 1970 and the "B" recovery on 10 August 1970. NPIC assigned MIPs of 105 on both the "A" and "B" portions. The Performance Evaluation Team (PET) meeting was held on 25-26 August 1970 at NPIC. System performance quality was very good. Intermittent plus-density spots on the film were analyzed by the PET and an action item assigned. A comprehensive study was conducted on film from past missions and a report will be forwarded to the CORONA Program Office and NPIC shortly. To obtain additional data on the spots, a special payload will be used for the chamber test on CR-15. Also, the rollers on one camera will be coated with anastat. Rollers on QR-2 can be coated before launch if the chamber test on CR-15 indicates that anastat is a help to the spot problem.

2. CR-13, scheduled for the next flight on 18 November has shown a drop in resolution on the forward looking camera during block tests conducted at LMSC. The optical system has been returned to Itek for further tests. QR-2 will replace CR-13 for the November flight and CR-14 will be brought to a R-25 back-up configuration for this mission.

3. QR-2 plans for post storage and pre-flight preps have been instigated. A reblock certification has been conducted, the results of which verified conclusions reached on CR-13 and CR-14 block tests, i.e., that the block was properly calibrated and the resolution drop noted on CR-13 was a problem in the camera and not the test equipment.

4. CR-14 block tests have been concluded and the system will be put into back-up configuration.

5. CR-15 is being prepared for chamber test with special split load of film to aid in determining cause of previously discussed spots. In addition, special tests will be run to qualify the Dual Improved Stellar Index Camera (DISIC) and the recently modified Pressure Make-Up (PMU) units.

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6. CR-8 remains in storage. SRV's to be accepted at GE on or about 27 October 1970.

7. CR-14 acceptance is continuing.

8. The move from AP to Sunnyvale complex (Buildings [redacted] and [redacted] has been accomplished with a minimum of perturbations and no seeming loss of capability. New technicians have completed basic training and systems tests operations are on schedule.

B. Because of the switching of system QR-2 to replace CR-13 as the November flight, QR-2 now becomes the first system to fly the .040 and .037 inch thickness glass filters in primary and alternate positions respectively.

C. Mission completed this quarter

Mission IIII
Booster No. SLV-2H S/N 69-046
Agena No. 1654
Payload No. CR-12
Instrument Nos. 324/325
DISIC No. 28
Film Type-Main Instrument: 3414
Flight Date: 22 July 1970
Feet P/L Flown: 32,600
Feet P/L Recovered: 32,600
Recovery Dates: 30 July 1970; 10 August 1970

D. Missions planned for next quarter

Mission III2
Date: 18 November 1970
P/L: QR-2

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*****NOTICE OF REMOVED PAGES*****

Pages 3 through 28 are not provided because their full text does not contain CORONA, ARGON, LANYARD programmatic information.