



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, D.C. 20350

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From: Manager, Program C
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Subj: POPPY Quarterly Program Review

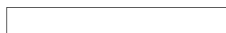
Encl: (1) POPPY Program Review Agenda

1. The POPPY Quarterly Program Review was held at 0930, 15 January 1970 in Room BD-944, Pentagon. The following attended:

CAPT MOFFIT



MR. ABPLANALP
MR. CRAM



MR. HAMMERSTROM
MR. MAYO
MR. WILHELM
CDR OLSON
LTJG MORGAN
CAPT GEIGER



Program Manager (P/M), Chairman
Deputy Program Manager
P/M Staff
P/M Staff
NSA
NSA
NSA
NRL
NRL
NRL
NSG
NSG
NRO
NRO

2. Enclosure (1) is a copy of the agenda. Following is a summary of the meeting:

a. (Item #1). CAPT Moffit introduced (Deputy Program Manager) and Mr. Cram introduced (NSA).

b. (Item #2).

(1) (NSG) 7105 is performing satisfactory from the operational standpoint.

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(2) (NRO) 7105 tasking is being studied to insure that satellites are being tasked to the maximum possible. P/M Staff, NRL, NSG, NRO and NSA should meet prior to any increase in tasking to insure that the increase will not introduce "cross talk" or degradation of any form that would reduce the credibility of POPPY data.

(3) (NRO) SORS would like to task the CW option of 7105D to look at the SA-5.

(4) (NRL) A need exists for authority to illuminate 7105D with a CW signal from [] (P/M Staff FORAC)

c. (Item #3).

(1) (NRL) Extensive tests indicate that 7106D power has returned almost to normal, it is operationally acceptable in the present state.

(2) (NRL) The unexplained, ^{aerodynamic} drag noted in 7106A may be related to solar activity. This is being studied further.

(3) (NRL) AGENA pieces adjacent to 7106 seem to have decayed. Booster procedures are being developed to prevent an incident of this type in the future.

(4) (P/M Staff) A meeting will be scheduled with NAVSPASUR, NRL, NSA and NSG to determine how ephemeris can be improved. (P/M Staff FORAC)

d. (Item #4).

(1) (NSA) [] processing of 7106 was started in November, [] processing will start in February.

(2) (NSA) [] has been shut down for about a month to do a test study.

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(3) (NSA) Calibration data put on tapes at the Field Sites is being studied to insure correction.

(4) (NSA) SLX data of 7106 is very good, the cognizant analysts are very pleased with the information received. An ELT on Kresta TOPSAIL has been published on the basis of the SLX data.

(5) (NSA) The PW capabilities are not employed at present. NSA will explore how to use this to best advantage. (NSA FORAC)

(6) (NSA) A visual display for POPPY analysts is programmed for NSA in the near future. This will be a great improvement for the analysts by providing a display of the data under study and will result in a greater output from the data under study.

(7) (NRO) New SLX task groups are needed. (P/M Staff FORAC)

e. (Item #5).

(1) (NRO) At the 25 November 1969 meeting of the EXCOM POPPY 7107 was approved for September 1971. A standard booster (Thor-Agena) will be available so 7107 will be a normal launch. The detailed technical plan for 7107 will be available in the next few weeks, [redacted] are working on it now. There won't be many changes except possibly to go higher in frequency range.

(2) (NRO) [redacted]

(3) (NRO) [redacted] indicated that NSA might share cost of pad at Vandenburg for launch of 7107.

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f. (Item #6). (NSA) The \$450K available for the next digitizer is FY 71 money so there is no urgency in committing the funds.

g. (Item #7).

(1) (NRL) NRL will undertake a study to determine the geographical coverage that can be attained from various ground sites. (NRL FORAC)

(2) (NSG) The feasibility of sea-borne readout sites should be studied. (P/M Staff FORAC)

h. (Item #8).

(1) (NRL) The [] digitizer is on order, it will be installed at State College during April 1970 for acceptance tests. This procedure will cut down acceptance time considerably because the entire system will be checked out as a unit.

(2) (NRL) NRL is studying the feasibility of setting up the digitizer at [] in a trailer so that the equipment will be on-sight and operating in the shortest period of time.

i. (Item #9).

(1) (P/M) A letter to USIB is being drafted that will request recognition for Ocean Surveillance as a national priority task.

(2) (P/M) [] is needed as a POPPY ground readout site to provide ELINT coverage in the Indian Ocean.

(3) (NSA) 7106 has produced a K-band Signal of Interest.

L. W. Moffitt
L. W. MOFFITT
CAPT, USN

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POPPY

PROGRAM REVIEW


0930 15 January 1970

Room BD-944

AGENDA

1. Introduction of attendees. (NIC-2)
2. Present status of 7105. (NRL)
3. Present status of 7106. (NRL)
4. 7106 processing status. (NSA)
5. 7107 plans. (NRO)
6. FY 71 budget. (NSA)
7. Replacement site for  (NIC-2)
8.  Digitizer progress. (NIC-2/NRL)
9. General Discussion.

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ENCLOSURE (1)