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ENCLOSURES

55056, 22/12/73

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SUBJECT

1. 1941-1945: The "Lost" Years

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NRI CONTROL RECORD NDW-NRL-5216/1005 (11-67)

(When filled in)

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BYE-52,229/71
5 April 1971~~TOP SECRET EARP~~

From: Director, Program "C"

To: Director, Naval Research Laboratory (7920)
Commander, Naval Security Group (G-54)
Director, National Security Agency (W8/SP0)
Director, Central Intelligence Agency (OEL/GSO/ Mr. Clarke)
Director, National Reconnaissance Office [redacted]

Subj: POPPY Technical Operations Group (TOG) Meeting; report of

Encl: (1) List of Attendees
(2) TOG Agenda

1. A TOG Meeting was held at 1000, 25 March, in Room 3S308, National Security Agency. The list of attendees and the agenda are forwarded as enclosures (1) and (2).

2. [redacted] SOC, gave a briefing on operation TANGIBLE, which consisted of using national overhead elint resources in conjunction with the ADMIXTURE exercise. This project was undertaken to determine the capabilities of the present systems and the impact on national tasking. It is planned to task these resources against the Soviet spring naval exercises. An explanation of the payload operations followed.

3. Lieutenant (junior grade) MORGAN, NSG, reported the status of POPPY Missions 7105 and 7106. The 7106 Charlie payload is operating normally although the Alfa channel (housekeeping data) continues to be weak. The 7105 Alfa payload, despite suffering an early power cell failure continues to operate well even through periods of darkness. The Charlie channel transmitter remains weak. The 7105 Bravo payload is operating well with no problems. The Alfa/Bravo spacing is now 97.64 nm with plans to open to 125 nm when appropriate.

[redacted] stated that further planning is needed concerning the Alfa/Bravo spacing. The 7105 Charlie payload continues to operate with reduced voltage levels, but its operation is restricted to only long duration passes. The 7105 Delta payload is operating normally except for an intermittantly leaking thruster. The Charlie/Delta spacing is [redacted] with a small opening rate. The 7105 Delta payload will be thrust to achieve a closing rate whenever it is in the proper orientation.

4. Lieutenant (junior grade) MORGAN, NSG, stated that special tasks directed toward ocean surveillance, [redacted] had been successful. All unidentified signals and signals of interest are being processed at the field sites.

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Subj: POPPY Technical Operations Group (TOG) Meeting; report of

5. Mr. DOHENY, NSA, requested the per cent of the total data collected that is processed at the field sites. Mr. GALLAGHER, NSA, stated that he would provide this information.

6. [] P/D staff, stated that all four pulse widths of mission 7106 Charlie have never been routinely tasked, but this tasking should be done to fully utilize the available capability. [] NSA, stated that the recent transition to normalized pulse output (NPO) by the field sites should resolve the problems that had been experienced with the four pulse widths. NPO test tapes from the field sites are currently being evaluated at NSA. This evaluation should be completed by mid April. No problems are anticipated.

7. [] P/D staff, requested comments concerning the draft paper "POPPY System Responsibilities". Comments were received from NSG and CIA. [] and Mr. MAYO, NRL, stated that they needed another week to coordinate the paper in their organizations.

8. Mr. DOHENY, NSA, requested data to support the two SEL 86 computers for the FY73 budget. [] agreed to provide this information.

9. Mr. MAYO, NRL, stated that it would be necessary to combine the bands covering 2680 to 2930 mhz due to technical restraints. Guidance is needed to determine which of the two previous pulse widths to assign to the combined band.

10. Captain GEIGER, P/D, [] including the minimum modification option, were still under consideration by the NRO.

11. Mr. WILHELM, NRL, stated that the multiface design, which is utilized in mission 7107, cannot survive the increased vibrations of the TITAN launch (10 g's vice 4 1/2 g's for the THOR). []

[] The point of contact for interface work on mission 7107 is Mr. GARY GEYER at []. A means of communication between Mr. GEYER and NRL over the NRL TWX network is needed. Action: Lieutenant [] will aid in establishing this communications link.

12. [] P/D staff, stated that the P/D office was soon releasing a message giving the current status of the [] update. Mr. PRICE, NRL, presented a tentative schedule for the [] update. Lieutenant Commander [] stated that NSA was studying the possibility of using the high sensitivity option of payload 7106 Charlie for []. Lieutenant Commander [] SOC, stated that the tasking for [] could be changed.

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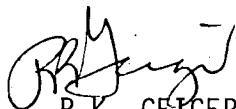
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REF=52,229/71

Subj: POPPY Technical Operations Group (TOG) Meeting; report of

13. Ensign BOOTH, NSG, stated that the new building at [] would be ready for occupancy at the end of March. Mr. MAYO, NRL, stated that there is an urgent need to bring some [] personnel back to HRB at State College for computer training. Lieutenant (junior grade) MORGAN, NSG, stated that performing training at [] would be more beneficial than at State College.

Action: NSG and NRL will establish a dialogue for the training of [] personnel. Mr. HELLRICH, NRL, stated that the [] computer will be shipped in time for building occupancy. An NRL employee will accompany the shipment, which will go by air, to [] to insure safe delivery. Lieutenant Commander [] SOC, stated that it would be desirable to have [] digitally operational in time for the Soviet Spring Exercise.

14. The next TOG meeting is scheduled for 0945, 22 April at NSG. Submit attendees and clearances to the Program Director's Office with info to NSG by 19 April.


R.K. GEIGER

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LIST OF ATTENDEES

Captain GEIGER
Captain [redacted]
Lieutenant (junior grade) [redacted]

Program Director
Program Director's Staff
Program Director's Staff

Commander MCGRAW
Lieutenant Commander [redacted]
Lieutenant (junior grade) MORGAN
Ensign [redacted]

NSG
NSG
NSG
NSG

Lieutenant Commander [redacted]
Mr. GALLAGHER
Mr. [redacted]
Mr. CONLIN
Mr. [redacted]
Mr. DOHENY

NSA
NSA
NSA
NSA
NSA
NSA

[redacted]

NRO
NRO (SOC)
NRO (SOC)
NRO (SOC)

Mr. CLARKE

CIA

Mr. MAYO
Mr. DIX
Mr. WILHELM
Mr. PRICE

NRL
NRL
NRL
NRL

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APR 22, 229/71

TOG AGENDA

1000, 25 March 1971
Room 3S308
National Security Agency

1. 7105/7106 status (NRL)
2. 7105/7106 operational summary (NSG)
3. POPPY [] tasking (P/D)
4. Frequency allocation (P/D)
5. Draft paper "POPPY System Responsibilities" (P/D)
6. Report on project TANGIBLE and Soviet Spring Exercise (SOC)
7. 7107 status (NRL)
8. []
9. []
10. [] (NSG)
11. []
12. April TOG date (P/D)

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Enclosure (2)