

TOP SECRET - HANDLE VIA BYEMAN CONTROL SYSTEM ONLY

NRL B-000227-72

DATE
21 Sep 1972

ORIGINATOR CNM (FM-16)			SERIAL NO. BYE-52271/72	ENCLOSURES (1) List of Attendees (2) TOG Agenda (3) CNSG Input to TOG of 24 Aug 1972
DATE REC'D 22 Sep 72	TICKLER DATE	COPY NO. #2	RECEIPT NO.	
SUBJECT POPPY Technical Operations Group (TOG) Meeting; report of			DIST INFO	

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E-2 IMPDET

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PM 16 - 055-72 ~~TOP SECRET~~



NAVY SPACE PROJECT OFFICE (PM 16)

~~(S)~~ NATIONAL RECONNAISSANCE OFFICE, PROGRAM C

WASHINGTON, D.C.

OFFICE OF THE DIRECTOR

Classified By BYEMAN
Exempt From GDS of Executive
Order 11652 Exemption Category
PARA 5B(2) AND (3) Automatically
Declassified on Impossible
to Determine

Warning Notice - Sensitive
Intelligence Sources and
Methods Involved PM-16-411/dhs

21 September 1972

MEMORANDUM FOR DIRECTOR, NAVAL RESEARCH LABORATORY
DIRECTOR, NATIONAL SECURITY AGENCY
DIRECTOR, CENTRAL INTELLIGENCE AGENCY
DIRECTOR, NRO STAFF (SS-4) AND (SS-7)
COMMANDER, NAVAL SECURITY GROUP
CHIEF OF NAVAL OPERATIONS (OP-094)

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

Encl: (1) List of Attendees
(2) TOG Agenda
(3) CNSG Input to TOG of 24 August 1972

1. A TOG meeting was held at 0930, 24 August 1972, at NSG.
The list of attendees and agenda are forwarded as enclosures
(1) and (2).

a. 7107 Status.

(1) NRL - Mission 7107 is operating within nominal
limits. 7107D has had some problems switching telemetry
modes without proper command but this anomaly seems to have
righted itself. Tasking continues using the 20 minute
timing cycle.

b. 7107 Collection Highlights.

Enclosure (3) compiles collection highlights for this
period.

(1) NSG - The [] site has already demonstrated
ability to intercept many land based signals in the Soviet area,
including [] and other early warning radars
like []
like [] The environment seems to be very dense
at [] but of course consists of a high percentage
of friendly emitters. Ocean surveillance coverage extends
into the Mediterranean and Barents with [] already
reported from these areas.

(3) NSG - CINCLANT has requested DIA to provide support
for the NATO/US Naval exercise and Soviet reaction thereto.
This support will include special tasking for POPPY 18-26
September 1972. The impact of processing U.S. emitters in

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PAGE 1 OF 7 PAGES

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addition to its normal load will be looked into at [REDACTED]

c. Processing Highlights.

(1) NSA - Current processing backlogs are estimated to be about 2 months worth of orbits. [REDACTED] is still leaving 15-20 percent pulse residuals after processing.

[REDACTED]

(4) NSA - NSA will check to see what percentage of EOB reports are compiled at NSA and what percentage are incorporated directly into the EOB from site reports.

d. SLM Calibration Plans.

(1) NSA - There is no definite time yet for SLM calibration due to equipment modifications which Lockheed had undertaken on its van.

e. Status of [REDACTED]

(1) NSG - NRL has provided outstanding support during the equipment deployment, installation, and testing phase. There have been certain teething problems encountered, including some anomalies with the command transmitter. Task group rotations are being set up with the SOC and full operation is planned for 1 September 1972. The PDE has been installed and is now operational. Further coordination on command and telemetry readout is planned between [REDACTED] and the site.

f. Results of Engineering Evaluation.

(1) NRL - Processed results including pulse counts by band are distributed to all interested TOG attendees. For

[REDACTED]

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2. The next TOG meeting will be held at NSA on 28 September 1972.

R. K. Geiger
R. K. GEIGER

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LIST OF ATTENDEES

PM-16

NSA

NSG

LT MORGAN

ENS KELLOG

NRL

MR. HELLRICH
MR. FRANKOVIC

SOC

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ENCLOSURE (1)

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TOG AGENDA

1. POPPY Mission Status (NRL)
2. POPPY Collection Highlights (NSG)
3. POPPY Processing Highlights (NSA)
4. SLM Calibration Plans (NSA)
5. Status of (NSG)
6. Results of Engineering Evaluation (NRL)

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CNSG INPUT TO TOG OF 24 AUGUST 1972

1. Due to operational problems, [] has been able to collect and process only approximately 38% of their passes. The RF density for [] appears to be identical to that of [] except that [] has an abundance of allied emitters. [] has been reporting data from the Cuban area. However, no locations have been obtained on land-based emitters.

2. Surface activity in Pacific reported from 1 January 72 through 15 August 72 appears normal in comparison with same dates for 1971. Since implementation of the New [] series on 15 June, [] has reported [] and []. The majority of these intercepts have been on [] emitters.

3. As normal the shipborne surface activity in the EUROPEAN area is heavy particularly during the week of 6 August, when 136 locations were obtained in the North Fleet waters. During the period of 15 June through 15 August 72, [] submitted []. During the period of 1 through 15 August, [] with locations in the BARENTS, BALTIC, NORTH SEA, MED and ATLANTIC areas.

4. Of high interest was POPPY tracking of the Soviet Force dispatched to the Gulf of Tonkin in response to U.S. mining of Vietnam harbors. POPPY data indicated that the force probably transited to the GULF in an EMCON condition and returned in a partial EMCON condition. The track was maintained on the KASHIN DLG 562 [].

5. [] successfully tracked the KRIVAK DDGSP 533 and a GRISHA PCEP during their transit from the MED into the Northern fleet waters.

6. As early as 9 August, [] was submitting [] on KRESTA II, CLGM 544 apparently heading into the operating area designated for the U.S. exercise "EXPERT SEAMAN". A [] was submitted in the immediate area of the USS INTREPID approximately five hours prior to being taken under surveillance by the 544.

7. [] provided a track on KASHIN DLG 244 during her transit from the MED into the Straits of Gibraltar. Of particular interest in this transit is that the 244 was accompanying the MODIFIED SVERDLOV cruiser expected to participate in ECLIPTIC operations with a [] in the North Atlantic.

ENCLOSURE (3)

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PAGE 6 OF 7 PAGES

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8. The overall UNIDENT SOI reporting for the year reveals an increase of approximately 25% over a similar period for 1971. [] has reported 12 UNIDENT SOI's which is identical to levels in 1971. [] has reported 24 UNIDENT SOI's as opposed to 33 for the same period of 1971. UNIDENT activity for [] has increased by 66% with 34 submissions for 1972 against 11 for 1971.

9. POPPY sites collectively have intercepted and reported approximately 1600 SOI signals this year. Of interest are 31 intercepts from the EUROPEAN area and 10 from the Far East of the [] emitter. Also of interest is the location of a [] from []

This is the first location of this emitter

10. Pacific area special task levied against []

[] have been non-productive. A check of [] data revealed that no [] collection has been obtained since December 1971. Likewise [] intercepts of [] are down. Project WINEGLASS, targeted against emitters in South East Asia is non-productive at this time. [] PROJECT FLAVOR tasking continues to be fairly productive. During the last five weeks, 20 SA-6 site locations have been reported and 03 SA-2 locations. In support of special task 17-010-72 five SLM data tapes have been provided against [] emitter leaving only the requirement for 05 tapes of the [] emitter to complete this tasking. Special task 17-002-72, levied against the [] emitter, still requires one location and five SLM tapes. There has been only one intercept of this emitter by []

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PAGE 7 OF 7 PAGES