

**NRL SPECIAL PROJECTS CONTROL NUMBER**

**B274-72**

**DATE**  
**721128**

**ORIGINATOR**  
**PME 106**

**SERIAL NO.**  
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**SUBJECT**  
**POPPY TOG MTG; RPT OF**

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28 Nov 1972

ORIGINATOR

CRM (PM-16)

SERIAL NO.
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TO NRL BY PM-16 SPO OFFICE

SUBJECT

POPPY Technical Operations Group  
(TOG) Meeting; report of

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☐ BASIC DOCUMENT NOT HELD.

DESTROY.

CODES HAVING PRIMARY INTEREST CHECK ONE

☒ RETAIN INDEFINITELY. (REFERENCE VALUE).

☐ RETAIN \_\_\_\_\_ MONTHS. (INFO MATERIAL  
HAVING ONLY TEMPORARY REFERENCE VALUE).

☐ DESTROY AFTER ROUTING. (NO FURTHER  
REFERENCE OR INFORMATION VALUE).

DESTRUCTION REPORT NO.

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BYE-52298-72

\* *A-ACTION*  
*I-INFORMATION*  
*C-COMMENT*  
*R-RETAIN*  
*E-EVALUATION*

RETURN THIS ROUTE SLIP TO NRL SPECIAL PROJECTS OFFICE, ROOM 222, BLDG. 43.  
DO NOT ROUTE TO OTHER SECTION OR BRANCH.

ACTION TAKEN BY

**NRL CONTROL RECORD** NDW-NRL-5216/1005 (REV: 3-72)

HANDLE VIA BYEMAN  
CONTROL SYSTEM ONLY

1/27/73

Paul, I can't find a  
control copy of this  
letter.

Without taking up too  
much of your time, could  
you check to see if we  
did get a copy officially.  
Perhaps, Mayo has it  
in the SPB.

If we're not already  
charged w/a copy, would  
you put this under control.

Thanks,

L.

Not previously under control.

Assign current B number,  
pick-up, and route to  
7030.

ef

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NRL

CONTROL NO. cy 2079

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NRL							

Handle Via Indicated Controls

BYEMAN

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cleared for the specific projects;

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WARNING

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NRL B00027472

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GROUP 1  
Excluded from automatic  
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13M-201-72

## NAVY SPACE PROJECT OFFICE (PM 16)

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

WASHINGTON, D.C.

OFFICE OF THE DIRECTOR

PM-16-531/lc  
28 November 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-094W)

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

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

1. A POPPY TOG meeting was held at 0930 on 26 October, 1972 at PM 16, JP-2. The list of attendees and planned agenda are forwarded as enclosures (1) and (2). Items (3) and (4) were deleted because NSA was not represented.

2. The reported agenda items yielded the following:

a. Mission 7107 Status

(1) NRL - There have been no changes to Mission 7107 status and all satellites continue to operate within normal limits. The [ ] are now stable at [ ] separation; but this separation will shrink to [ ] nm over the next six weeks.

(2) NSG - During the [ ] NSG will compile a data base of achieved location accuracies for comparative purposes.

b. Mission 7106 Status

(1) Since the last meeting 7106C has ceased operation. Future operation of this satellite is improbable. This condition was reported by NRL in [ ] 0549, DTG 24 1819Z Oct 72 (in Reindeer 39 format).

c. Mission 7107 Collection Highlights

Enclosure (3) is the NSG submission and includes several figures that relate to:

(1) NATO Exercise Strong Express conducted in the Norwegian and North Seas in September 1972. (see figure (1)). Several Soviet combatants shadowed this exercise and were repeatedly intercepted, identified and

Classified By BYEMAN 1

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

BYE-52298 / 72

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PM-16-531/lc  
28 November 1972

located throughout the exercise period. Figures (2) through (5) represent these multiple [ ] outputs from the system.

(2) Results of Signal Level Measurement (SLM) at [ ]  
(see figure (6)).

(3) [ ] for the period spanning SEL 810 operation, the down time for transition to the SEL 86, and the initial SEL 86 processing output. The peak reporting in late September coincides with the Strong Express period. In addition, the SEL 86 improves the average intercept-to-transmit time per location from 150 minutes to 98 minutes. [ ] volume depends on activity more than capability, however, and the late October volume drops to indicate a lower level of activity. (see fig. (7))

d. Site Update

(1) NRL - During this reporting period NRL had four personnel deployed to [ ] and seven personnel at [ ]. [ ] will be updated during the period 1-17 December, and will include the engineering evaluation. A more complete description of this phase will be presented at the next TOG.

3. The next TOG meeting is scheduled for 30 November 1972 at NRL.

  
R. K. GEIGER

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LIST OF ATTENDEES

PM-16

NSG

NRL

SOC

Mr. FRANKOVIC

ENCL: (1)

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BYEMAN  
CONTROL SYSTEMTOG AGENDA

1. Mission 7107 Status (NRL)
2. Mission 7107 collection highlights (NSG)
3. Mission 7107 processing highlights (NSA)
4. Plans for SLM calibration (NSA)
5. Continuing progress with SEL 86 operations at
6. Site update (NRL)
7. Engineering evaluation plans (NRL)

ENCL: (2)

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FIG. 1

STRONG EXPRESS  
OPERATING AREACY 2 of 4 COPIES

ENCL: (3) to BYE-52298/72

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FIG. 2

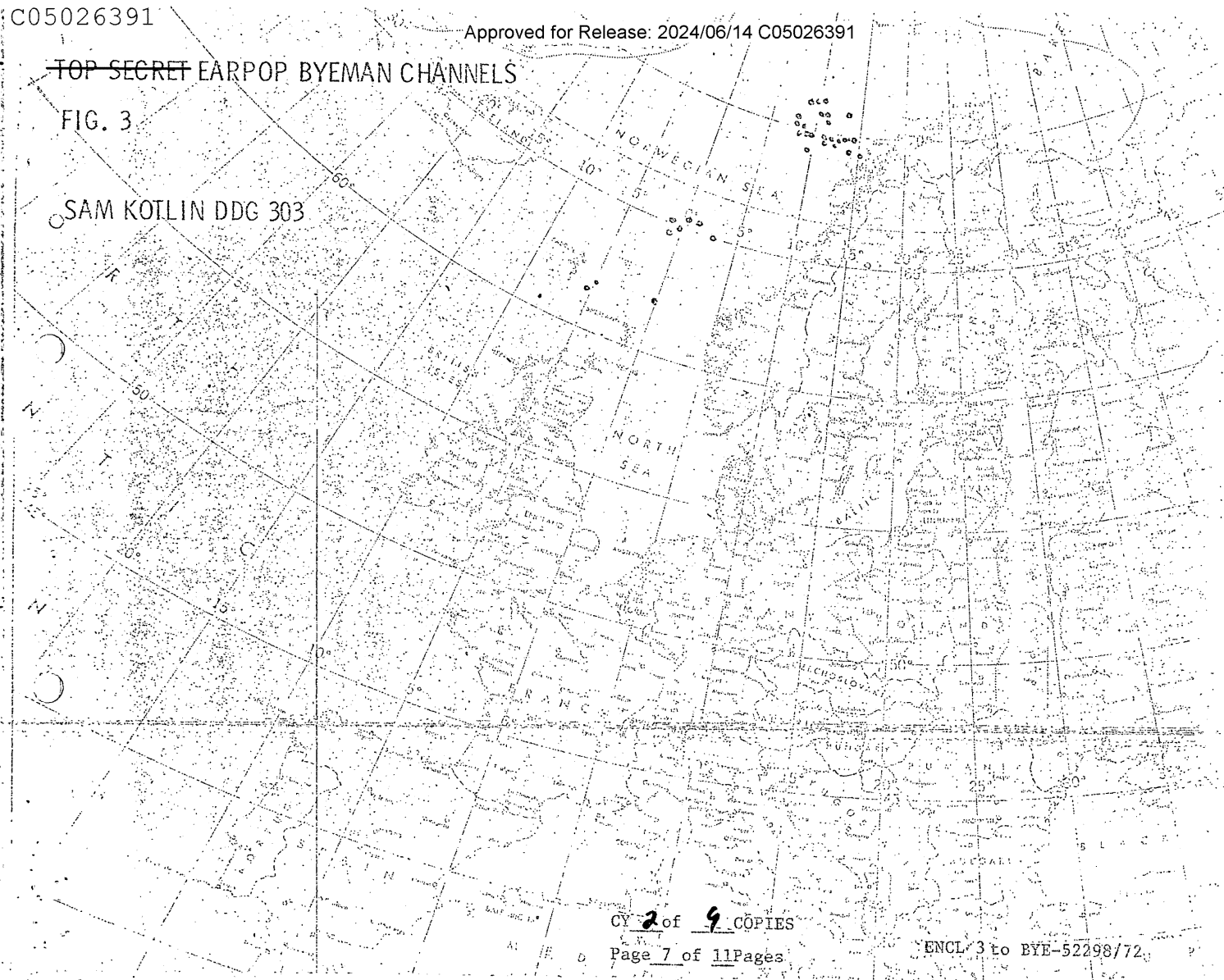
SAM KOTLIN DDG 454  
(NASTOYSHIY)CY 2 of 9 COPIESPage 6 of 11 Pages

ENCL: 3 to EIE-5229

~~TOP SECRET~~ EARPOP BYEMAN CHANNELS

FIG. 3

SAM KOTLIN DDG 303



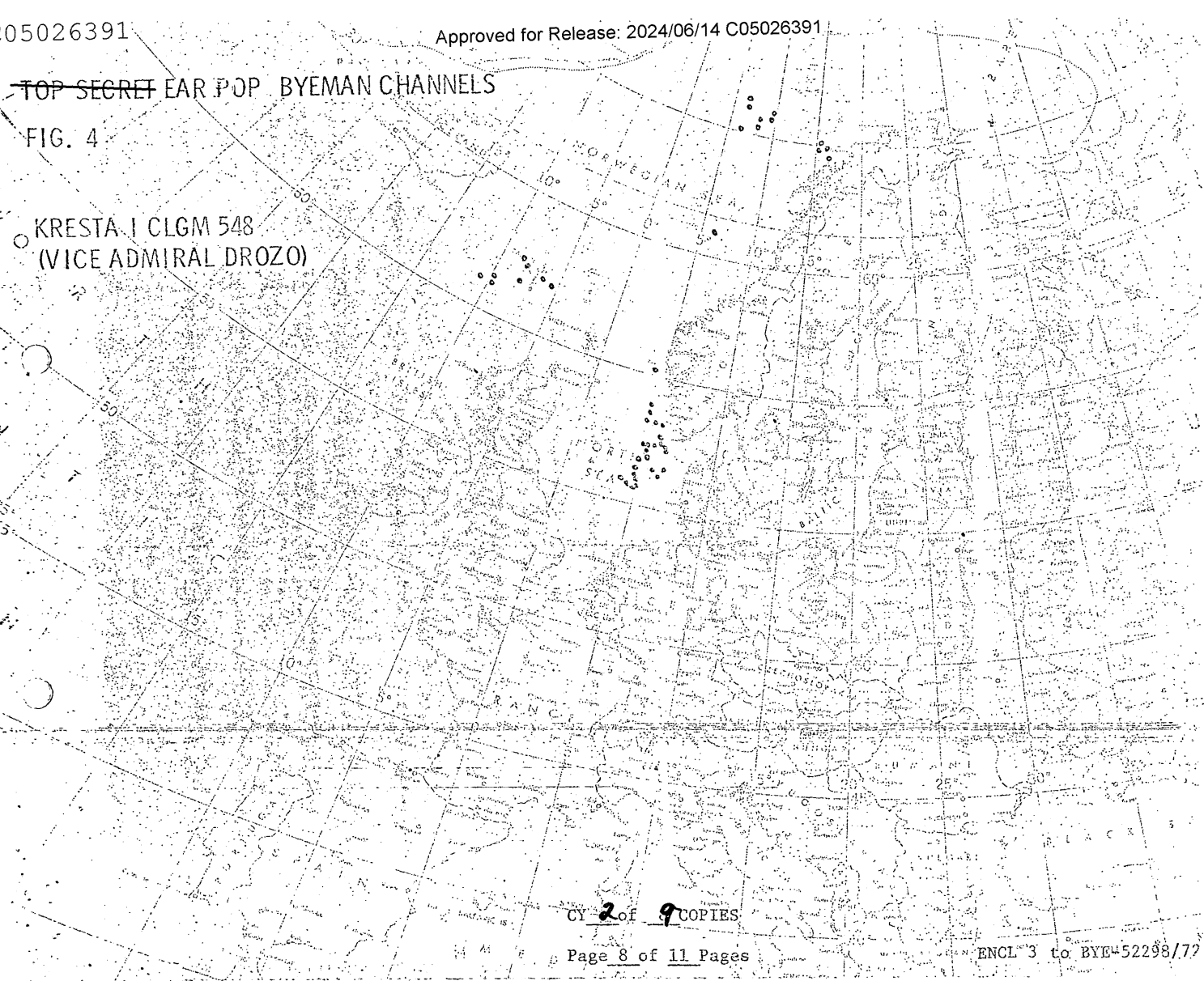
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FIG. 4

KRESTA I CLGM 548  
(VICE ADMIRAL DROZO)

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FIG. 5

KASHIN DLG-557 (STROYNYY)



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