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

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NRL B-232-74 Approved for Release: 2024/06/14 C05026426

# <del>-TOP-SECRET</del>



# NAVY SPACE PROJECT OFFICE (S) NATIONAL RECONNAISSANCE OFFICE, PROGRAM C

WASHINGTON, D.C.

OFFICE OF THE DIRECTOR

PME-106-5

MEMORANDUM FOR: DIRECTOR, CENTRAL INTELLIGENCE AGENCY (OSI)

DIRECTOR, NAVAL RESEARCH LABORA TORY (1000 AND 7030)

CHIEF OF NAVAL OPERATIONS (OP 955) COMMANDER, NAVAL SECURITY GROUP

DIRECTOR, NATIONAL SECURITY AGENCY (A81, R24, W2&W34)

DIRECTOR NRO STAFF (SS4, SS4A AND \$S7)

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

Encl:

- (1) Agenda
- (2) List of Attendees
- (3) Minimum Daily Voltage Plot
- (4) Collection Highlights
- (5) Project DEPARTURE Presentation Viewgraphs
- (6) 19153ØZ Jul 74 CITE Ø778 with Addition as requested by NRL
- (7) CONCERT 151523Z Jul 74 CITE 6152
- (8) Ocean Surveillance Processing Viewgraphs
- (9) Comparison Data
- (10) CONQUER 171245Z Jul 74 CITE 0261
- 1. A POPPY TOG meeting was held at the Naval Research Laboratory (NRL) at 0900 on 25 July 1974. The Agenda and a List of Attendees are forwarded as enclosures (1) and (2).
- 2. The following specific items were discussed:

### A. Status. (NRL)

The 7107 satellites are in stable health and performing as expected. No particular problems have been noted within the past month, during which a period of high sun exposure was experienced, clearing up several anomalies that are attributed to low power. The Minimum Daily Voltage Plot (enclosure (3)) shows how the levels have improved over the previous period.

The c	urrent satellite	spacing is:		
			1	

Warning Notice - Sensibve Intelligence Sources and

BYEMAN-TALENT-KEYHOLE

BYE59,888-74

BYEMAN CONTROL SYSTEM Methods Involved

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PME-106-5

Subj:	POPPY Technical Operations Group (TOG) Meeting; report of
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RF: 5516 MHz + /-18 MHz and 5547 MHz + /-18 MHz

PRF: 401-414 PPS

446-466 PPS

483-484 PPS

625 PPS

719-728 PPS

743-763 PPS

1006.338-1044.811 PPS

2196.604 PPS

SCAN: 4.9 SPR, Circular

Both	have been	advised.
		-

(3) has been canceled as an SOI because it has been related to a radar installed on a West German trawler.

(4) Project DEPARTURE personnel (ITT Avionics Division) have been tasked to perform exploitation on tapes (analog and digital) that would be expected at a fully manned POPPY NSG site. A briefing by DEPARTURE personnel was presented on this effort and on one signal that is being pursued, having been observed several times (see enclosure (5)). The DEPARTURE analyses enlarges on the normal site capability in that immediate feedback from other overhead (Mission 7338) systems is available through W34.

### D. OPSCOMM (SOCOMM) Status. (NSA)

NSA analysts have been using the SOCOMM system in the OPSCOMM mode since the previous TOG and have found that exchanges with analysts at the sites have reduced formal message traffic volume by approximately 75 percent. The kind of W34 consultation that Project DEPARTURE analysts enjoy is becoming available to the POPPY sites by way of this communications mechanism. The routine problem of occasionally dropping synchronization on a circuit was cited as the only recurring problem associated with this arrangement.

### E. Engineering Evaluation. (NRL)

Enclosure (6) was cited by the NRL representatives as being the summary of the results of the Engineering Evaluation performed a on 10-12 July 1974. Three specific items were pursued and led to the following action items:

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BYENAN CONTROL SYSTEM

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PME-106-5

Subj:	POPPY Technical	Operations Group	(TOG) Meeting; rep	port of Jone [A]
NSA PC	nibit the significant OPPY processing is	erate a recommenda crosstalk discussed also significantly a his phenomenon from	l in paragraph 2.D. ffected by crosstal	e task group(s)  of enclosure (6).
previou At curr simple	elay timer – which sly reported that th ent voltage levels t procedure for calib	rdinate with NSG to now appears to be we twenty-minute tink timer performant trating the timer regardless at ellites cease	voltage-level sensit ner was expiring in ce is consistent, b gularly can preclud	tive. (It was a sixteen minutes.) ut still fast. A le the previously
	4 *	edinate with NSG, Note reillance emitters of rocess the data.	f interest as an eng	gineering task to ovide a list of
F.	On-Orbit Calibrat	cion. (NSA)		207
latest s data.		ntatives from R24 st -orbit calibration,		to collect the
G.	Ocean Surveilland	e Processing. (NS	A)	
sources	phs. POPPY produce reports the es were cited as an	enter the NSA synat enter via the RU element of the syst	stem by the IDDF. SHER interface.	Other overhead The shipborne
The em	phasis is on spatial intercepts, whe	Correlation Scheme relation that have be relationships, with the the POPPY established intercept. This sercepts now and ever radars.	een screened by the SEOB the final file blished data base is scheme is intended	e criteria stated. ter, except for s used to compare to provide
N		TOP SECRET	BYEMAN-TALENT-K CONTROL SYSTEMS TARF	EYHOLE  JOINTLY  CONTROL NO BYE59,888-74  COPY OF COPIES  PAGE 4 OF 5 PAGES
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PME-106-5

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

Enclosure (9) was presented as a preliminary assessment of what the above scheme might be expected to achieve to improve the number of that are correlated.

It must be stressed that the above applies only to SIGINT derived intercepts and correlations. The data base against which any intercepts are matched is totally SIGINT derived.

## H. PAPS Documentation (SPO)

Enclosure (10) was recently received by the SPO. The NSA representative was asked to take these comments on the documentation, by the users, for action.

3. The next TOG meeting will be hosted by the SPO on 29 August 1974.

R. K. GEIGER

HANDLE VIA BYEMAN-TALENT-KEYHÖL CONTROL SYSTEMS TOINTLE

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BYEMAN-TALENT-KEYHOLE

### AGENDA

STA TUS

COLLECTION HIGHLIGHTS

PROCESSING HIGHLIGHTS

OPSCOMM STATUS

ENGINEERING EVALUATION

ON-ORBIT CALIBRATION

OCEAN SURVEILLANCE PROCESSING

PAPS DOCUMENTATION

Enclosure (1) to BYE 59,888-74

HANDLE VIA
BYEMAN-TALENT-KEYHOLE
CONTROL SYSTEMS JOINTLY

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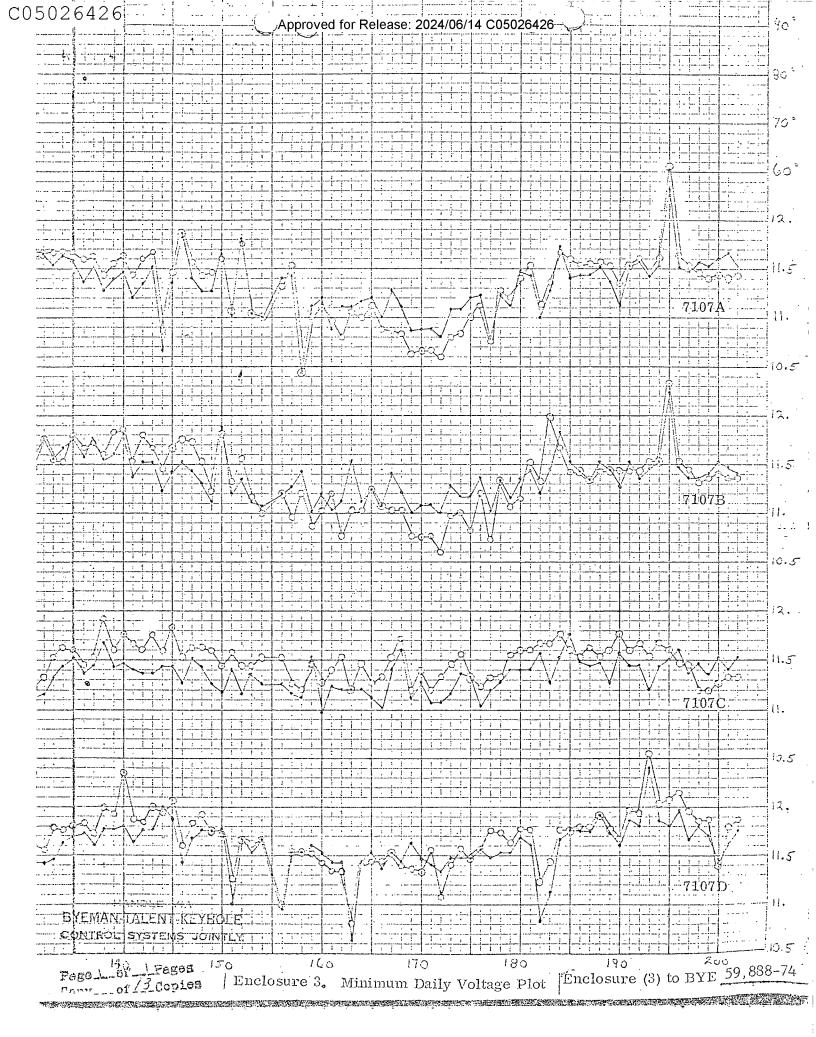
BYEMAN-TALENT-KEYHOLE
BYEMAN-TALENT-KEYHOLE

### LIST OF ATTENDEES

SPO:	
	LCDR Potts
PME-106-4:	
OP955:	
NRO/SOC:	
NSG:	LT Morgan
NSA:	Mr. Gallagher
NSA/ITT:	
NRL:	
	Mr. Lawton

Enclosure (2) to BYE 59,888-74

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BYEMAN-TALENT-KEYRULE BONIFOL SYSTEMS LOINTLY

### COLLECTION HIGHLIGHTS

### OCEAN SURVEILLANCE (25 Jun - 22 Jul 74)

Since the last TOG meeting, there have been a total of 3865	ocations.
594 of these were equated to specific ships. 663 intercepts were major	- combatant
associated, but could not be correlated to a particular ship. 47 interco	epts of
emitters were received since the last TOG, including 2 out of a	rea inter-
cepts; one in the North Pacific and one in the Gulf of Mexico. 2561 inte	ercepts
of Merchant associated radars were reported.	
monitored the following:	

- 1. The MOSKVA CHG Lenigrad, KASHIN DLG Skoryy, and AOR BORIS CHILIKIN as they continued their southerly transit of the Atlantic enroute to the Indian Ocean. These ships are now, however, out of POPPY intercept horizon.
- 2. The KRIVAK DDGSP's BODRYY and SILNYY, SVERDLOV CL SVERDLOV, and KOTLIN DDG Nastoychivy as they transited the Atlantic from the Med. West of the U.K., into the North Sea, and eventually to home waters in the Baltic.
- 3. Kresta II CLGM's ADMIRAL NAKHIMOV and ADMIRAL MAKAROV exited the Barents Sea and transited south into the Med.
- 4. The KRIVAK DDGSP Doblestnyy upon existing the Med. and transiting north in the Atlantic, West of the U.K., apparently enroute to the NORFLT.

monitored the following:

- 1. The MOSKVA CHG Moskva, KASHIN DLG Krasnyj Krym, and KOTLIN DDG Nakhodchivyy returning to the Black Sea from the Med.
- 2. A new KRIVAK DDGSP Doblestnyy entered the Med. from the Black Sea. This was the first out of area deployment of this vessel.

Enclosure (4) to BYE 59,888-74

Page\_\_of\_\_copiesconieou systems Jointly

3. Kresta II CLGM's ADMIRAL NAKHOMOV and ADMIRAL MAKAROV as
they transited the Med. in response to the Cyprus crisis and positioned themselves
Southeast of the Island.
Activity has been at low level in the Sea of Japan/Pacific area since the
last TOG meeting.
TECHNICAL INTELLIGENCE AND EOB
Project FLAVOR: 7107 system reporting of SA-6 from the Mideast is
down considerably to only 2 or 3 locations a week. Majority of reported locations
are now of EW/GCI radars such as
During the month, were twice tasked to look for the "Variant"
emitter fitted on target barges for SS-N-13 firings. Intercepts would
Tip-off possible firing activity. 26 intercepts of radars with parameters
of the variant were reported. None were located. It was obvious from the volume
of intercepts that there are more in the Soviet Union with the variant
parameters than just those fitted on the target barges.
Two intercepts of the were reported. One was switching
from 416 PPS to 208 PPS PRF. The other exhibited a 365 PPS PRF. This PRF
is designated of high interest in the EPL.
continues to report occasional intercepts of from the Black
Sea.
SA-X-8 activity is down. To date, the POPPY system has confirmed
locations of these emitters in the areas of Emba, Bogodukhov, Smolensk, and
Sovetsk, USSR. Sites are watching intercepts of closely expecting de-
ployment into shortly.
Enclosure (4) Pg 2 to BYE 59,888-74

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BYEMAN-TALENT-KEYHOLE

CONTROL SYSTEMS JOINTLY

Seventeen intercepts of 14 different unidents were reported	ed.
has again intercepted an 'apparent' fr	om the Gulf of
Mexico. Signal exhibits an 842 PPS PRF but scan, although w	ithin EPL limits,
does not fit peak values of either	It would be nice if
someone would find out what vessel this radar is on and what is	tis. Mass
production of a new radar with these parameters could serious	sly hinder
	A head start
on this now by making a positive I.D., could save us a headac	he in the future.
<del>.</del>	

Enclosure (4) Pg 3 to BYE 59,888-74

BYEMAN-TALENT-KEYHOLE HANDLE VIA

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 HANDLE VIA TALENT-KEYHOLE CONTROL SYSTEM ONLY

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BYEMAN-TALENT-KEYHOLE

UNIDENTIFIED EMISSIONS
PRELIMINARY ANALYSIS
W34

PROJECT DEPARTURE ITT AVIONICS DIVISION

Enclosure 5. Project DEPARTURE Presentation Viewgraphs



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Enclosure (5) to BYE <u>59,888-74</u>

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ANALOG PROCESSING OF COLLECTED TAPES

# PROCEDURE.

- (1) SEARCH CRITERIA: UNIDENTIFIED SIGNALS
  - SOI's FOR W22 PANELS
  - SPECIAL BANDS OF INTEREST
- (2) SEARCH ANALOG PROCESSING (MISSION 7107)
- (3) ACTIVITY REPORTING
- (4) DIGITAL (SEL 810A) PROCESSING REQUIREMENT
- (5) ANALOG TO DIGITAL TAPE CONVERSION
- (6) DIGITAL ANALYSIS → FINAL REPORT



BYEMAN-TALENT-KEYHOLE CONTROL SYSTEMS COINT Y

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# HANDLE VIA EMAN-TALENT-KEYHÖÜE NTROL SYSTEMS JOINTLY

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	Carl lanes	Larve I	LINNI"

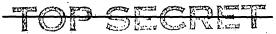
HANDLE VIA TALENT-KEYHOLE CONTROL SYSTEM ONLY

٠.	ORBIT	RE	PRE SCAN	DATE
Α)	11574CD	8590 - 9122 MHz	(FRAME TIME) 5524 PPS 1.0 SEC	5 APR 74
в) .	11574CD	8590 - 9122 MHz	3268 PPS 0.97SEC	5 APR 74
c)	11491CD	8590 - 9122 MHz	5524 PPS 1.0 SEC	30 MAR 74
(מ	11465CD	8590 - 9122 MHz	5347 PPS .97SEC	28 MAR 74
E)	11478(D ONLY)	8590 - 9122 MHz	5494 PPS 1.0 SEC	29 MAR 74
F)	9178(D ONLY)	8590 - 9122 MHz	5154 PPS 1.0 SEC	13 OCT 73

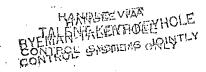
MISSION 7107 SUMMARY OF UNIDENTIFIED INTERCEPTS

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•		I Company II	Build Street William	SER AND THE SERVICE STATES OF THE SERVICE ST		
DOI	RF ± 18MHz (MHz)	PRF (PPS)	LOCATION	ELLIPSE ORIENT	AREA	PW (µs)
29 JUNE 1972	9055	5494.495	52-45N 022-21E	23×8 275		.2
4 APR 1974	9055	5486.513	21-16N 101-13E	30x9 189	CHINA/ VIET NAM BORDER	.1
6 MAY 1974	9055	5758.655	47-52N 021-58E	39x10 269		.2
18 MAR 1974	9082	5515.497	19-29N 109-46E	36x9 236		.1
15 JUNE 1974	9086	5910.624	13-60N 107-57E	15x7 263		.2
25 JUNE 1974	9086	5516, 033	49-15N 020-22E	46×10 271		.2
14 JUNE 1973	9086	5497.575	52-02N 024-42E	25x8 272	RUSSIAN/ POLAND BORDER	.2
26 DEC 1973	9086	5519,293	53-14N 024-25E	31x9 265	RUSSIAN/ POLAND BORDER	.1
21 MAY 1974	9086	5479.966	36-57N 340-19E	20x6 093	,	
•						· ·



MISSION 7338 COLLECTION SYSTEM
PARTIAL SUMMARY OF UNIDENTIFIED INTERCEPTS



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TALLIN	1 -1,-1-	,,,,	- N 17 V
CONTROL	SYS	TEM	OME
CONTRACTOR			

DOI	RF ± 18MHz (MHz)	PRF (PPS)	LOCATION	ELLIPSE ORIENT	AREA	PW.
24 FEB 1974	9086	5520.107	48-31N 023-02E	37x10 285		.2
22 JUNE 1974	9055	5683.694	47-25N 027-54E	23x8 276	RUSSIAN BORDER	.2
24 JUNE 1974	8273	5518.889	54-27N 015-04E	24x9 276		
21 MAR 1974	7079	5322.224	54-28N 018-36E	37x9 066		į

MISSION 7338 COLLECTION SYSTEM
PARTIAL SUMMARY OF UNIDENTIFIED INTERCEPTS (CONTINUED)



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HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

# PRELIMINARY OBSERVATIONS

# 1.0 SIMULTANEOUS OCCURRANCES WITH

o RF: 8600 MHz TO 9140 MHz

o PRF: 2765pps TO 3040 pps

oSCAN: RASTER 3.5 TO 4.3 SEC

. CONICAL 39 to 41 Hz

# ALSO SEEN IN UNUSUAL MODE:

o PRF: 3400 PPS TO 3750 PPS

o SECTOR SCAN: 1.0 SEC TO 1.6 SEC

# 2.0 COMPARED TO (SCAN THREE)

o RF: 9290 MHz TO 9440 MHz

o PRF: 5000 pps TO 5800 pps (STAGGERED -

SR = 21 T0 20

o SCAN: CONICAL 80 TO 87 Hz

RASTER 3.2 TO 3.4 SEC

SPIRAL 3.6 TO 4.4 SEC WITH

23 TO 28 Hz

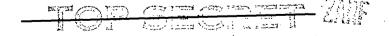


TOP SECRET IN

BYEMAN-TALENT-KEYHOLE
CENTRAL ANTERNAL SCINGLE
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

# FUTURE TASKING

- 1. MISSION 7107: DETERMINE LOCATIONS
  - DETERMINE SIGNAL PARAMETERS
- 2. RESEARCH OTHER COLLECTORS (OTHER DATA BASES)
  - CONVENTIONAL SOURCES.
- 3. ANALYZE & REPORT



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 ROUTINE CONCH, COGNAC, JUNO, INFORMUTINE WHIGH CONGUER, CONCERT
 CONCERT FOR W221, W34
 SUBJ: MISSION:7127 PHASE VEI ENGINEERING EVALUATION WRAP-UP
 I. PERSONNEL HAVELCOMPLETED ANSYSTEM ENGINEERING EVAL-
 UATION AT SYSTEM HEARTH REMAINS GOOD SPACECRAFT
 "VOLTAGES WERE CHECKED ON EVERY REV BEFORE PERFORMING ANY TESTS
 AND IN EVERY CASE THE VOLTAGES WERE EXCELLENT. SPACECRAFT ARE
 CURRENTLY IN-100 PERCENT SUMMIGHT, AND THE SECOND SECOND SECOND
 2. A. ALL BAND OPTIONS HAVE BEEN CHECKED, THE FOLLOWING
 REPRESENTS THE CURRENT STATUS OF THOSE BAND OPTIONS THAT HAVE
               2778 SESRET
 HISTORICALLY BEEN INOPERATIVE: 14
 OPT 1 : 7107A: NO PROBLEMS OBSERVED
                                 OPT 2
                                NO PROBLEMS OBSERVED
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 71273:
 7107C: NO PROBLEMS OBSERVED
                                  BAND 10 & 13 INOPERATIVE
 7107D: BAND II IMOPERATIVE SEE BELOW
 B. THE FOLLOWING REPRESENTS THE CURRENT STATUS OF THOSE BAND
 OPTIONS THAT HAVE BEEN HISTORICALLY INTERMITTENT IN THEIR OPER-
                                  OPT 2
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 7107A: NO PROBLEMS OBSERVED
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 71078: NO PROBLEMS OBSERVED NO PROBLEMS OBSERVED SAND 4 & 18 INOPERATIVE BAND 10 & 21 INOPERATIVE BAND 10, 14 & 21 INOPERATIVE
 IT SHOULD BE NOTED THAT THE BAND OPTIONS PERFORMED MUCH BETTER.
 THAN IN PREVIOUS EVALUATIONS BECAUSE WE BELIEVE THEY ARE TEN-
 PERATURE SENSITIVE AND THE ENGINEERING EVALUATION WAS CONDUCTED Page Lot # Pages
 DURING 100 PERCENT SUMLIGHT.
                                                              Copy___or/J_Copies
 C. SLM OPT #2 STILL IMOPERATIVE IN 7187C. SLM OPT #1 STILL
                                               Enclosure (6) to BYE 59,888-74
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4. THERE IS A	PPARENTLY NO RE	CORD OF SLM ME	ASUREMENTS MAE	DE ON	
CCEAN SURVEILL	ANCE EMITTERS.	THE HIGH DATA	DENSITY IN T	HESE BANDS -	
	NS OF FEASIBILI				
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WER, SLM COLL	III		OR OT	•	
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ROUTINE MADAM, CONCH, CHARGE, CONQUER INFO WAHOO, CONSOL,

JUNO.

HANDLE VIA BYEMAN CONTROL CHANNELS ONLY

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OPS

MADAM FOR CONCH FOR CHARGE FOR

CONQUER FOR FOR

SUBJECT: MISSION 7107 ON-ORBIT CALIBRATION

1. FOR PLANNING PURPOSES, THE NEXT SCHEDULED SUBJECT

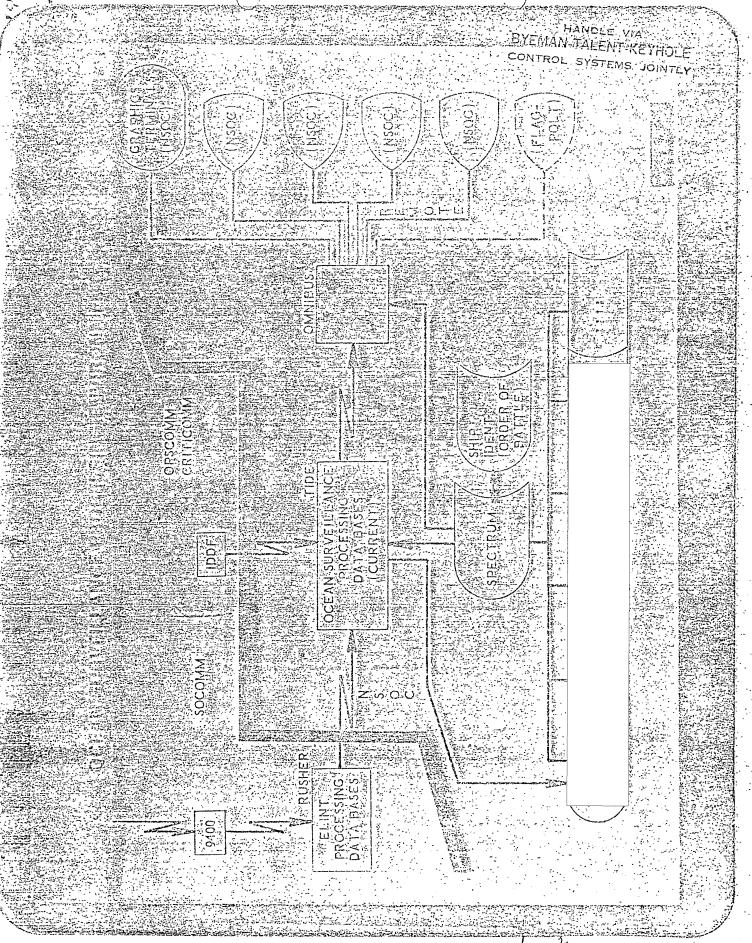
3. FOR KYCONQUER: NECESSARY INFO FOR KWINGOT OPS WILL BE FUD TO YOU AS SOON AS AVAILBALE. E-2 IMPDET

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Enclosure (7) to BYE 59,888-74

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Enclosure 8. OceanApproved for Release: 2024/06/14 C05026426 2/3\_copies 59,888-74



# HAMDLE VIA COMMIT CHAMBIELS ONLY

*	Approved for Release: 2024/06/14 C05026426-00 TROLL SYSTEMS JOINTLY
	MANDLE ALV COMBIL CHARBER ONLY
	The omparison data tested was from 4 thru 10 April 1974
	and the sample totaled approximately 1260 items. The comparison provided the
	following results:
	1. Single ship correlations.
	359 items 27% of the total sample 172 items 13% of the total sample
	2. Multi-ship correlations.
A Company of the Comp	310 items 24% of the total sample 106 items 9% of the total sample
	3. No correlations.
	580 items 47 % of the total sample 984 items 78 % of the total sample
	Analysis of single ship correlations showed that the predominate
-	correlations were made on emitters.
	Additional emitter correlations represented approximately 5 % of the
	sample. correlations on these same two emitters represented less
	than 47 % of the taked sample. The higest amount of single ship correlations
	occurred with the and represented 47 % of the sample.
	Multi-ship correlations onintercepts appear only two ways; correlated
	to two ships or correlated to many ships. Those correlated to two ships
1.	represented approximately 63 % of the the sample
	correlations are represented four ways; correlated to two ships, three ships,
<u></u>	four ships, more than four ships. Two ship correlations ofintercepts
	represented 47 % of the being sample. If three ship correlations are added to
	the two ship correlations the total increases to 67 % of the sample.
The state of the s	Enclosure 9. Comparison Data
	Enclosure (9) to BYE 59,888-74
	HANDLE MA GOT DU CHARRES ONLY Page 1 of 4 Pages







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171245Z JULY 1974 CITE CONQUER 0261.

1. AS WE HAVE REPORTED IN THE PAST, PAPS III IS A WELCOME ADDITION TO OUR SOFTWARE INVENTORY, FOR THE MOST PART THE REPORTING ROUTINES ARE EASY TO UNDERSTAND AND SIMPLE TO OPERATE. THERE ARE HOWEVER A FEW AREAS WHERE DOCUMENTATION IS VAGUE OR INSUFFICIENT, AND IT IS THESE AREAS THAT THIS MESSAGE ADDRESSES, IN RESPONSE REF A.

2. WITH THE ADVENT OF PAPS III A NEW PARAMETER "REPORT KEY" WAS ADDED TO EMLOC IN THE PROCESSING DATA BASE. WE KNOW FROM EXPERIENCE THAT A "16" IS USED OF OCEAN SURVEILLANCE EMITTERS AND A "4" FOR

PAGE TWO CONQUER 0261 S E CON E T X ALL OTHERS (SITE INTEREST). WE "THINK" THAT A 16 CAUSES A RECORD TO BE IDENTIFIED FOR REPORTING, BUT LACK OF DOCUMENTATION OF THE REPORT KEY PARAMETER PRECLUDES A FIRM UNDERSTANDING OF ITS USE. RECOMMEND THAT THIS PARAMETER BE DISCUSSED-EXPLAINED IN VOL III IN THE REPORTING DATA BASE SECTION (FOLLOWING PARA 4.2.3 ON PAGE 4-9.) 3. THE USE OF THE "AND" AND "OR" FUNCTIONS IN THE LIST EDB PROCESSOR REQUIRE EXPLANATION, FOR EXAMPLE IT WOULD BE USEFUL TO SHOW HOW TO "SELECT" ALL EMITTERS WITH A PRF OF 695 XXX THRU 700.XXX LOCATED IN THE MEDITERRANEAN SEA DURING MARCH. WE HAVE FOUND THAT VENN DIAGRAMS HAVE BEEN VERY HELPFUL IN EXPLAINING THE AND/OR FUNCTIONS TO OUR PERSONNEL. IT SHOULD ALSO BE POINTED OUT IN THE DOCUMENTATION THAT "SORT" OPTIONS ARE PRIORIZED ACCORDING TO ENTRY SEQUENCE: THAT IS, IF MORE THAN ONE SORT OPTION IS REQUESTED, THE FIRST ONE ENTERED TAKES PRECEDENCE OVER THE OTHER.

4. INSUFFICIENT DOCUMENTATION OF THE HULL FILE PROCESSOR MAY COMES SOME CONFUSION WHEN THIS PROGRAM IS INITIATED. PRESENT DOCUMENTATION EXPLAINS THAT THE CONSOLE WILL REQUEST THAT IMPUT AND OUTPUT TAPES BE MOUNTED, AND ASK IF ANY ADDITIONAL

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Enclosure (10) to BYE 59,888-74

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PAGE THREE CONGUER 0261 -S-TAPES (INPUT) ARE REQUIRED. HOWEVER, IT ASKS FOR ADDITIONAL TAPES TWICE (ONCE AFTER A PARITY CHECK RUN (?) THROUGH THE TAPE AND AGAIN AFTER THE DATA XFR RUND, PERSONNEL UNFAMILIAR WITH THE PROGRAM ARE SOMEWHAT STARTLED TO LEARN THAT TWO PASSES THROUGH THE TAPE ARE REQUIRED, AND SOME UNCERTAINTY EXISTS AT TO WHEN A YES/NO ANSWER TO THE QUERY "ADDITIONAL TAPES ?" IS REQUIRED. 5. EDIT EDB PROCESSOR - WE RAN INTO SOME DIFFICULT SUTUATIONS WHEN WE FIRST USED THE EDIT EDE PROCESSOR BECAUSE WE DIDN'T know about invalid san's, these problems were documented AND FORWARDED TO HRB: WITH THEIR HELP, THESE PROBLEMS HAVE BEEN PRETTY MUCH IRONED OUT. PAPS III MOD I, SCHEDULED FOR INSTALLATION IN AUGUST SHOULD VIRTUALLY ELIMINATE THE INVALID SRN PROBLEM: WELWOULD LIKE TO SEE A NEW SETFOF "CARD INPUT LES EXAMPLES" WHICH DEAL WITH CHANGES IN THE LOCATION. PRF, PRI FIELDS, PRESENT SET OF EXAMPLES IS HAZY AND DIFFICULT TO CORRELLATERIO FEPF CONTENT. FOR INSTANCE, THE CHANGE SUGGESTED IN EXAMPLE FIVE, PART ONE (PG 4-32) DOES NOT EXIST IN THE REAL WORLD, (GRANTED THAT THE EXAMPLE IS PROBABLY MEANT TO DEMONSTRATE THE TECHNIQUE USED RATHER THAN A CONGRETE SITUATION).

PAGE FOUR CONQUER 0261 S E C R E T
WE SPENT A LOT OF TIME TRYING TO MAKE SENSE OUT OF THE EXAMPLE
BEFORE WE REALIZED THAT IT MERELY DEMONSTRATED A TECHNIQUE.
ADDITIONALLY, PART TWO OF THE SAME EXAMPLE SUGGESTS A CHANGE
TO A FIELD WHICH IS NOT EVEN USED (DEL WRD 3). IN ONE INSTANCE
WE TRIED TO MAKE A CHANGE IN THE LOCATION FIELDS. WE TRIED
SEVERAL DIFFERENT METHODS, ALL UNSUCCESSFULLY. DOCUMENTATION
WAS NOT DETAILED ENOUGH TO ALLOW US TO DETERMINE PRECISELY
WHERE AND HOW TO ENTER THE LOCATIONAL INFORMATION.
6. IDEALLY, WE WOULD LIKE TO HAVE THE ABILITY TO MADE ADEVEDB
COMMECTIONS DIRECTLY FROM THE CRT. THIS WOULD ESSENTIALLY
ELIMINATE THE NEED TO PUNCH CARDS AND WOULD SIMPLIFY THE CORRECTION
PROCESS. IT WOULD REQUIRE, HOWEVER, THAT DATA RESIDENT ON THE
AD WEDB BE TRANSFERED TO THE MHD.

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