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SUGGESTED FORMAT FOR BRIEFING FOR DIA LtGen Bennett 1 JULY 1970 @ NRL.

It is assumed that this visit to NRL is (1) Fact Finding relative to the merits of Program "C" so that he can be more knowledgeable in the contest for NRO \$ and Program which inevitably is ahead of us. With the 3 Sacred High Altitude programs siphoning off 99% of all the funds we must portray a much ~~xxx~~ broader, more versatile capability than the other lower Altitude systems, of the P-11 Type. For instance the emphasis on Location ability should be made clear is immune to frequency and is only sensitive to errors in the time domain... Frequency resolution while not a strong feature has the inherent beauty of being free from mixer generated modulation cross products and images that have given ambiguities in other systems...thus generating an extremely high community confidence in the data from this program.

POPPY has pioneered:

- 1- Main Beam Intercept with resultant/emitter Antenna ~~xxx~~ scan information.

- 4- Wide-open in receiving Frequency (up to 154 to 9340 MHz simultaneously)

5-

1. Long Life....up to 52 months of operational usefulness.
2. transpond= just like IFF information, undisturbed in time domain.
3. ^{each band} Spectrum/ is aimed at discriminating between the adjacent major magnitron families....usually tunable over a few percent. By staggering the overlap in similar spacecraft coverage one can further define the RFFrequency.
4. Multi-frequency band coverage available simultaneously, so that emitters which/are in the same weapons system or are cooperatively utilized are by associative processing, related.
5. This can be exploited to a far greater degree than heretofore achieved.
5. With Main-beam intercept comes the ability to determine the manner and degree of emitter antenna scan and Thus be able to disclose the main purpose of the emitter, i.e.

However without this antenna scan information, the distinction is difficult if not impossible.

HANDLE VIA
BYEMAN
CONTROL SYSTEM ONLY

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1 July 1970

BRIEFING FOR DIRECTOR, DEFENSE INTELLIGENCE AGENCY

WELCOME

 Director, NRL

INTRODUCTION

CAPT MOFFIT, Program Office, NIC

INTRODUCTION TO BRIEFING

MR. LORENZEN, NRL

Roles of NIC and NSG (Mention Only)

NRL Role

Team/Systems Approach (ARD and EWD)

Extent of Technical Responsibilities

Outline of Briefing (Attached)

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EYEMAN
CONTROL SYSTEM ONLY

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I. INTRODUCTION	Mr. Lorenzen (10)
II. ELINT SYSTEMS TECHNIQUES HISTORY	Mr. Mayo (15)
III. SPACECRAFT EVOLUTION	Mr. Wilhelm (20)
IV. OVERSEAS SITE TECHNIQUES	Mr. Mayo (15)
V. ACHIEVEMENTS	Mr. Hammarstrom (20)
VI. DISCUSSION	
HARDWARE DISPLAY	
DEPARTURE	

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HANDLE VIA
BYEMAN STEW ONLY
CONTROL SYSTEM ONLY

TWX726
RR RUXQAAJ
DE RUXQAA 561 1941750
ZNY XXXXX VVV
R 131749Z
BT
XXXXX
[REDACTED]

DE YEKHSK 2A 1941455
R 131506Z
FM COMNAVSECGRU
[REDACTED]

INFO COMNAVINTCOM
CNO
DIRNSA
ZEM

~~SECRET~~ BBBBBB ~~EARPOF~~ BYEMAN CHANNELS

CNO HOLD AND PASS TO NRL

7105 DELTA THRUSTING

1. PAYLOAD 7105 DELTA SUCCESSFULLY THRUSTED 11 AND 12 JUL 70
AND THRUSTING OPERATIONS WILL CONTINUE THROUGH 14 JUL. 7105
DELTA CURRENTLY CLOSING 7105 CHARLIE AT RATE 4.8 NM PER DAY
AND EXPECT THIS VELOCITY WILL BE INCREASED PRIOR TO TERMINATION
THRUSTING OPERATIONS. WILL ADVISE.

120

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Trans via BYEMAN
Control System

TOR
1400

7-13-70

5614

5170

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NNNNIWX813
RR RUXQAAJ
DE RUXQAA 737 2000535
ZNY XXXXX VVV
R 190534Z
BT
XXXXX

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Handle via BYEMAN
Control System

AB

R 171853Z
FM CNO
TO ZEN/NRL
INFO ZEN/COMNAVINTCOM
COMNAVSECGRU
ZEN

~~TOP SECRET~~ BEE3B EAPOP BYEMAN CONTROL SYSTEM
SUBJ: NEW GENERATION PROCESSING EQUIPMENT FOR POPPY FIELD
SITES

1. DURING INFORMAL DISCUSSIONS WITH REGARD TO THE SECNAV
PROPOSAL TO DEPSECDEF CONCERNING POPPY SUPPORT TO THE
OCEAN SURVEILLANCE REQUIREMENT, AND IN FORMAL MEETINGS
WITH DDR&E, REF FROM PROGRAM C ELEMENT, NRL, HAVE
STATED CONVICTION THAT NEW GENERATION EQUIPMENT WOULD
INCREASE PROCESSING CAPABILITY BY ORDERS OF MAGNITUDE,
AND PROVIDE SIGNIFICANT INCREASES OCEAN SURVEILLANCE
CAPABILITY OVER THAT PROVIDED BY EQUIPMENT AUGMENTATION
CONTAINED IN BASIC PROPOSAL.

2. ACCORDINGLY, REQ PROVIDE TO PROGRAM C MANAGER
PROPOSAL FOR NEW GENERATION EQUIPMENT. PROPOSAL SHOULD
ADDRESS COMPUTER IDENTIFICATION, AVAILABILITY, COST,
DELIVERY DATES, SOFTWARE COSTS, WHEN SOFTWARE COULD BE
AVAILABLE, ENGINEERING EVALUATION COSTS, AND OTHER
PERTINENT INFORMATION. INTEND THAT PROPOSAL WILL BE
SUFFICIENT IN ALL DETAILS TO PERMIT DETERMINATION OF
ADOPTION BY PROPER AUTHORITIES.

3. IN VIEW OF ONGOING DISCUSSIONS, AND PENDING DECISIONS
BY DEPSECDEF, DESIRE PROPOSAL BE SUBMITTED NOT LATER
THAN 31 JULY 70.
210

ACTION

TICKLER DATE - 28 JUL 70

10R 1440
7-20-70

ACTION - 56144 See
called 7-20-70 at 1440
1010 See
1000 See
8-27-70
SCOT Johnson 8/26/70

Handle via BYEMAN
Control System

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8-3-70 Mr. Mayo informed by Ch. Hall (NIC) that deadline
on this may be extended to 12 Aug 70 WRS

Answered by NRL ~~BYE~~ BYE-51911-70
OF 12 AUGUST 1970.