~~TOP SECRET~~

BRIEFING PAPER FOR NSA VISIT 27 June 1968.

1. IMPROVE POPPY IMAGE via:
   A. Summarizing contributions against [redacted] signals.
   B. distribution of "Unknown File"
   C. Distribute the"Best Guess" info on Major target signals.
   D. Provide timely feedback to R & D sites.
   E. Inprove role in Future planning of Program.
   F. Publish more prolifically the results of the program.

2. Is it realistic to discard tape with an arbitrary maximum limit of the data pulses if it means that certain important frequency bands are never processed? Can an attempt be made to reduce the data density to a more processable level?

3. In matters of future planning we need data on (1) sensitivity (2) Polarizatio of target signals, (3) [redacted] have been provided and it would be most advantageous if NSA could cite their preference. For instance [redacted] has been provided in a variety of sensitivities...which is preferable?

[redacted]

~~TOP SECRET~~

HANDLE VIA
BYEMAN
CONTROL SYSTEM ONLY

~~TOP SECRET~~ [redacted]

BRIEFING PAPER FOR NSA VISIT 27 June 1968.....

1. In order to improve the POPPY Image
   A. Summarize the [redacted] contributions of the Program since 1961.
   B. Distribute the "Unknown File"
   C. Close the loop back to NRL when problems of analysis exist.
   D. Give gidance and feedback to the sites
   E. Participate in the Future planning for the program.
   F. Most important...Publish the results

2.

Resources -

~~TOP SECRET~~ [redacted]

HANDLE VIA
BYEMAN
CONTROL SYSTEM ONLY

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NRL to NSA Working Paper 27 June 68 HOR/Libert

~~TOP SECRET~~ [redacted]

IN AN EFFORT TO POLISH [redacted] OPPY IMAGE

1. Give a cumulative AL... summary of POPPY-contributions: such as....

[redacted]

[redacted] exclusive for 2½ years: first heard on DOG HOUSE on Second day of operation use of HEN EGG...first heard from space on [redacted]..simultaneously heard with [redacted]

2. Note how long the lapse between the data observation and several of the NSA announcements. What can be doen to lessen this delay. We know that hind sight is always 20/20
Perhaps wider dissemenation of the "Undnown File" would result in a sharper focus on identification of the major targets by exchanging the "unknowns" between the various programs. For instance Scan information found in POPPY data might be extremely important to the analysis of signals found in the data of [redacted]

3. Can there be an exchange of results between [redacted] small computer location analysis and that from NSA...for instance with the few locations that [redacted] has made can they be compared with locations made by NSA? The reason is that there is a great chance that errors can remain undetected for a long time unless there is a calibration bench-mark.

4. Has the [redacted] location analysis been benefitial? How can it be of further assistance to the NSA problem?

5. Quality control of the digital tape continues to be a problem mostly because of the human problems associated with the writing of the Header and Trailer(befor and after each pass). An operators consol is now being planned which will allow the Senior Watch-Supervisor to do this from a centralized location with warning lights to indicate any departure from SOP. Also a program is being written where minor surgery can be performed on the header and trailer to correct errors and thus save tape that is now lost or recoverable only from the analog back-up recording. This Analog back-up is still highly advisable until our batting average shows at least 95% usable digital tape over a period of one month.

6. There is a feeling that 7105 C and D have not received their share of NSA attention. This is hard to understand in face of the requests for [redacted] since C/D have been out to about [redacted] It is true that the [redacted] Band data is very dense but is is realistic to ignore the frequency bands where [redacted] is postulated? [redacted]
It is realistic to believe that this [redacted] signal will be found and that when it is isolated, that POPPY will have had it for a long time. It this possibility that haunts us and we are merely trying to think of methods for isolating this data from POPPY data.

7. One can expect that where there is an existant operational radar in the frequency spectrum, that there is the possibility that its components might be employed in [redacted] ,,, thus [redacted] [redacted] are all likely families to study. Has this been done? Also where a unique operational mode of PRF or [redacted] has been demonstrated in [redacted] signal it is reas[redacted] to expect that these characteristics would be used in another freque[redacted]d for a similar system. Thus [redacted] might be similar to HEN EGG or [redacted] DOG HOUSE for example. CONTROL ONLY

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