

1. PRELIMINARY INVESTIGATION HAS BEEN MADE OF ADDITIONAL PUPPY INTERCEPT STATIONS WHICH WOULD INCREASE INTERCEPT COVERAGE (FROM 100 PERCENT TO 150 PERCENT PER DAY). THE NR0 USES A COMBINATION OF THE [REDACTED] AND THE [REDACTED] THE [REDACTED] IS OPERATED BY THE AIR FORCE [REDACTED] UNDER DIRECTION OF [REDACTED] (C/W. WORTH). 100 HAS BYEMAN TELETYPE, H.F. RADIO COMMUNICATIONS FACILITIES AND CLEARED STATION OPERATORS. WORTH HAS INDICATED THAT SPACE, POWER AND MANPOWER COULD BE AVAILABLE FOR PUPPY INTERROGATION.

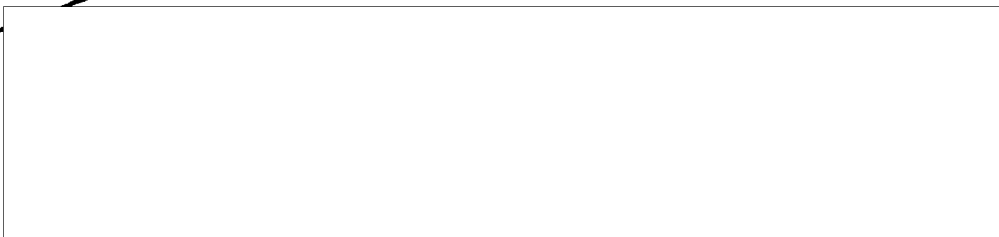
2. REQUEST FOR REPORT ON EQUIPMENT AVAILABILITY AND FEASIBILITY OF AUGMENTING PRESENT PUPPY COMMAND CAPABILITY BY USING THE [REDACTED] STATION. SUGGESTED TASKING PROCEDURES WOULD BE MODIFIED TO INSURE COORDINATION OF ALL STATIONS OPERATING VIA EFFECTIVE [REDACTED] BYEMAN TELETYPE KEYWORD [REDACTED] OF PUPPY SYSTEM COULD BE INCREASED BY ADDING 35 PERSONNEL [REDACTED] CONTROL SYSTEMS JOINTLY [REDACTED] OTHER STATION UNDER DIRECT CONTROL [REDACTED] AVAILABLE OR AS EASILY INTEGRATED [REDACTED]

IMPLEMENTATION

for Program....

22 Sept 1966

Meeting held at El Segundo Calif (SSD) with following:



CW. Price & RD Mayo NRL

Description given by NRL of the instrumentation and the operation thereof.

CDR [redacted] gave a pitch for operational enhancement which would be possible with the installation of an Interrogation capability at [redacted]

Capt [redacted] described (1) The work Load of the [redacted] Facilities (2) Aerial Photograph which shows the



(3) Logistic Routes; via Pan Am to



with lots of chance for attrition or loss of equipment. or [redacted]

The Plan for Operations is through the Lockheed [redacted] comm link which is used to pass the tasking for VELA (AF Satellite Network) This link is not continuous but is "up" daily. Philco does the Maintenance and probably the operations too; six months worth of spares are required at the site for each system....our redundant equipment could suffice for these spares. It was requested that our operation NOT include the ability to receive the DATA LINK signals to keep it as low in Security as is possible. It was stated that the Tasking must be DOD Secret or less, including the IBM Cards.

NRL REPORTED THAT IT COULD HAVE A COMPLETE INTERROGATION COMPLEX READY TO SHIP ON OR ABOUT THE 15<sup>th</sup> January 1967

An alternate to the Use of [redacted] for interrogation of the [redacted] going passes over the [redacted] has been taken under study. This technique would allow one tasked mode (up to 4 bands) to be repeated again and again ~~alternately~~ by cycling the DL Timer so that alternate 52 minute periods would be DL "ON" and then DL "OFF". This would allow the [redacted] to set this mode and then for the next four ~~known~~ orbits the two payloads would be transmitted. Turn on the same DL bands prior to entering the Soviet [redacted] BYEMAN HANDLE VIA CONTROL SYSTEMS JOINTLY

L. Equipment Avail[redacted]y:

Assume the November time schedule (or as soon thereafter as possible)

A. Need a simple and well defined interface between this operation and that of the [redacted] normal mission.

B. Recommend an Air Conditioned HUT to be completely fitted here at NRL with self contained electronic Package complete from the ground-up to fulfill the P [redacted] Mission. Would require communication support

Single Phase 208, 60 cps power (Three wire 10 KWA.

Maintenance Support for equipment Operators.

C. R-390 Receivers in extreme short supply to provide four required. Discriminators Strip chart recorder

2. P [redacted] System effective output can be enhanced but not by 35%/~~xx~~ the addition ~~xx~~ of two passes per day, when already there are some 8/day.

3. A far more satisfactory plan for the increased versatility of command in P [redacted] would be available for 7106 with the proposed capability to send the ~~xxxxxx~~ commands ~~xx~~ one site ~~xxx~~ initiate a timer with several delays available. At the end of the delay-timer the data transmission system would be activated. This proposal is being made with the addition of ~~xxx~~ a new command system at [redacted] which is liberally endowed with team already trained in the duties of this P [redacted] System

~~TOP SECRET~~

MAILED VIA  
BYEMAN-7  
CONTROL SYSTEMS SOCIETY

