

~~TOP SECRET~~

(b)(1)  
(b)(3)

SPECIFIC MISSION GUIDANCE FOR MISSION 7106 provided by SORS 27 AUG 69.

IN ORDER OF INCREASING FREQUENCY

Collection Band-----Relative Priority(10= highest)

	BAND MHz	Relative Priority
3		
3		
1		
1		3
6		1
1		1
1		1
3		
6		
9		
3		
6		
6		
6		
9		
1		
1		
1		
1		
1		
1		
6		
6		
6		
6		
6		
6		
1		
3		

(b)(1)  
(b)(3)

*116 2 days*

Guidance for Digital Site Location effort:

A. New and Unusual signals.

B.

C.

D.

E. THIN SKIN

F.

(b)(1)  
(b)(3)

G.

H. SQUARE PAIR

I.

**BYEMAN** HANDLE VIA  
~~TALENT KEYHOLE COMINT~~  
CONTROL SYSTEMS JOINTLY.

~~TOP SECRET~~

5604A JW

~~TOP SECRET~~



See note on p. (b)(1)  
(b)(3)

NOTE TO FILE 19 August 1969

1. Meeting held by Wilhelm to educate the "Tasking Committee" [redacted] from SOC [redacted] office), [redacted] (NSG), NSA team and NRL. [redacted] asked many questions....

(b)(3)

1. Will NSA be able to process all the data from Mission 7106 as well as <sup>that from</sup> the Mission 7105 continuing at present level?

NSA said that the "Unofficial" answer is NO! but they are trying to adjust the Program's usage of the CDC-6600 (2 of which were purchased on this programs funds).

I suggested that if they plan to process less than 100% of the data we must engage in an effort at the site to prioritize the data so that the most important is analyzed first at NSA. Thus emphasis on the analog QC Analysis effort must be expanded so that all data can be adequately scanned at the site for discovery both after the pass and during the pass, of the SOI's.

2. Will all sites be able to receive and record simultaneously the data from all four "Birds" (8 down-links)???

I outlined that the concept for Mission 7106 formulated over 2 years ago was dependant upon all the sites being "digital" before flight time. Since this is not the case, only [redacted] have the field digital systems, certain fall-back positions must be taken at the other sites.... [redacted] be analog but will have 8-receivers and make 2 separate tapes, one on the [redacted] and the other on the [redacted] The only difference here from 7105 is that the two tape records were made in sequence on the same 14" dia. reel, with a time period between the recordings, while in 7106 the two tape records must be made simultaneously therefore the Satndby Recorder is to be used along with the main recorder.

(b)(3)

(b)(1)  
(b)(3)

George Price and Paul Oesterling are leaving about 3 Sept to put the [redacted] and to finish the job in [redacted]

The other sites which will be analog are [redacted] The small Webster Dictionary sized solid-state receivers at [redacted] will be sent to [redacted] about mid or late November 1969, when [redacted] analog sites will have 8-reciever capability [redacted] Until this is done [redacted]

I suggested that [redacted] each work/ <sup>a diff</sup> [redacted] each pass so that [redacted] could be collected each pass over this part of the world. Thus [redacted] tasking could be promulgated for the Digital sites and the analog sites would support as best they could.

3. The ability of the Community to separate the [redacted] NSA views this as nearly impossible without even trying it. I point out that we could not just ~~arbitrarily~~ arbitrarily cut the productivity of [redacted]

(b)(1)  
(b)(3)

~~TOP SECRET~~

HANDLE VIA  
BYEMAN  
CONTROL SYSTEM ONLY

~~TOP SECRET~~

potential of the program to [redacted] the total capability without trying to to first the 100% job and then if it could not be done, falling back in steps to the point where the take justified the effort. Under no circumstances could we start off with the comfortable job and hope that a more difficult effort would be arrived at progressively.

(b)(1)  
(b)(3)

As one views an [redacted]

[redacted]

(b)(1)  
(b)(3)

[redacted] .....This entire question is only pertinent for the Analog data which must be converted to digital by the LOUSEY AUDICO instrument at NSA.

4. Emergency Site re-tasking against recognized Targets of Opportunity was also discussed. It is not insurmountable, just not ever done in the past so it is new and different. The major point is that it seems to offer the "Real-Time" mission control aspects which should provide for parametric measurement data to be taken at a much earlier time by this Program. NSA minimized the problem this time as opposed to their worries on how it would screw up their processing if the Tasking was changed in mid stream...what would their computer do to accomodate this?? I reccommended no more than about four of the highest priority signals be authorized for site-re-tasing with specific guidance for the desired Target of Opportunity tasking which is desired for each signal....

*It would seem that the <sup>NSA</sup> reaction to all four questions, added to what was already experienced, should move the Navy to prepare the ground work paving the way to (1) get resolution of the NSA position at a higher level (e.g. the new director), and (2) develop our own plans to operate on a delegated-authority basis.*

~~TOP SECRET~~

*Jvt*  
HANDLE VIA BYEMAN CONTROL SYSTEM ONLY (b)(1) (b)(3)