Historically POPPY has been first with the data intercept and has held exclusive claim to several signals over long periods of time.

NSA has not in every case given dymanic imaginative analytic service to POPPY but they did develop the [redacted] Using the Photo evidence of [redacted] TALL KING emittors, 300 POPPY locations were evaluated: 43% better [redacted] 83 % better than [redacted] and 100% better than [redacted] Essentially the same accuracy was found in S-Band. Accuracy is slightly dependant on the duration of intercept, geometry of intercept [redacted]

4. [redacted] has been the R & D site for the Program and in Apr.67 prior to the last Launch we installed an Analog-to-Digital data conversion system which provides a time notation for each pulse before it has been subjected to the time-distortions and undertainties of a recording media. In order to assure that the conversion of this data was truly accurate and free from disasterous failure, a small SEL-810A computer system was also installed. A second computer system is located at HRB-Singer at State College Penna, where the operational "Software" has been generated. The major accomplishments of this Field Digital data system are:

1. Near Real-time Quality Control assurance of Digital data system [redacted]

5. Future: All POPPY collection sites should be Digital with location analysis capability for the Special signals of interest. Manned with the caliber of highly trained specialist like the [redacted] program has in [redacted] The association with the [redacted] has been a very rewarding one from the Program's point of view and one which we would like very muchto continue as long as there is a program site [redacted] The distinct similarity between POPPY and [redacted] in demands for siting and manning i.e. RFI free spectrum in VHF, (freedom from impulse automotive ignition type & other manmade interference) Clear horizon without major obstruction for tracking space vehicles, and specially trained maintenance and operational personnel; all demand that the two programs should remain co-located and what ever logic prohibits [redacted] from moving into the main operations spaces at [redacted] are precisely the same reasons why POPPY should not go there either. [redacted] has had a $1.7 M building planned for the [redacted] area when and if this consolidation does take place. It seems that for the 2000 or 3000 square feet which a Digitized POPPY installation would require ~~$200K~~ would only involve about $150K. (60 to 70 KVA 3ø power and 72 ± 2 oF and 50% relative Humidity are required). The most significant factor where POPPY is concerned is that the danger of degraded data is very real when this type operation has been co-located with COMINT efforts in the Past. If this arrangement must be made then and only them would POPPY recommend that [redacted] host be the NAVY so that the manning problem Logistic Support, tr[redacted], documentation and Standard Operation Proceedures could be common with the other three Navy POPPY sites. It is tough to sell but when a service has only one site the manning problems are so great that success of the operation is in jeopardy. The ARMY has [redacted] as a source of trained specialists both operational and Training.

SECRET VIA BYEMAN SYSTEM ONLY