

HANDLE VIA ~~TALENT~~
~~KEYHOLE~~ CHANNEL
ONLY

~~Top Secret~~

HANDLE VIA ~~BYEMAN~~
CONTROL SYSTEM

EARPOP

7104

10 October 1966

ANNEX ONE

4. [redacted] Guidance.

a. The period on which a good statistical base is available is 29 January to 3 February 1966. The data was collected from POPPY 7104-A. The margin of time intercepted error is less than 10%. A rather interesting phenomenon is observed constantly with these signals, namely that the total number on the air when an intercept is made is quite high and rather uniform. A very small portion of the time is a single set detected. That the data may well be somewhat biased on the high operation side by the difficulty in distinguishing between [redacted] this factor is not expected to cause the data to err by more than 2:1 at the worst. In the particular sample it is probably less a factor than in the long time frame.

b. In this given time period of 473 minutes of theoretical signal availability, we have 13.4 minutes of valid unquestionable [redacted] signal activity. This percentage comes out to 0.028. This figure is of course, higher than some of the other [redacted] data and may well represent a rather well established system - since about 1962 in a deep area in the USSR where they assume radiation is no particular security menace.

[redacted]

OACSI Scientific Advisor

Copies furnished:

- [redacted] CIA (2 cys)
- [redacted] NSA (1 cy)
- Mr. Lorenzen (NRL via ONI, OPNAV 922Y)(1 cy)
- [redacted] DIA (1 cy)

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