

Original paper in [redacted]

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11. Address Against Jordan Group (AESWG)

The Navy feels that the NRO program is providing reasonable response to its requirements commensurate with the expenditure involved.

It is felt that in the next six months to a year many of the presently felt criticisms of the various programs will be resolved. Some of the criticisms of the General Search program not providing adequate [redacted] must await evaluation of the [redacted] capability presently being built into 7104.

Lack of details of the radar antenna main lobe patterns is the principal criticism of the 698BK program which utilizes downward looking antennas to gain fix location accuracy. This program, because of the lack of antenna pattern information, cannot satisfy the most critical requirements of the General Search program. Also, because of its restricted antenna coverage of the ground area, it is not considered a good General Search System because of the limited amount of coverage afforded during each pass. Also, its limited life further restricts its usefulness in the General Search area. However, until the [redacted] program has demonstrated its ability to gain the required fix accuracy which is presently lacking in the "Poppy" program, the 698BK units will have to be utilized to satisfy the Radar Order of Battle requirements. [redacted]

[redacted]

[redacted] then NRO should consider reprogramming its effort to recognize this improved capability in the Poppy program in view of the high cost per unit in the 698BK program.

In view of the doubt expressed in some quarters of the effectiveness in those units designed to enhance our [redacted] a careful evaluation of the effectiveness of existing units is recommended. Some figures showing the probability of utilizing this information [redacted] considering the time the satellite is within the range of [redacted] should be theoretically explored to ascertain if the effort truly has a sufficiently high probability to be really useful. These data compared with results obtained could be used to judge the effectiveness of future efforts in this field.

It is felt that the P-11 effort probably represents the best approach for a directed search effort against the new and unusual targets which result from the General Search effort. The twelve units proposed should adequately support this program.

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The Navy wishes to express its faith in the NRO management to exert its best efforts in the fulfillment of the present intelligence requirements. It is felt the flexibility must be present to allow NRO to reorient the program to recognize new urgent requirements for directed search as well as recognize new capabilities in existing programs to provide better performance as a result of R and D experiments which prove themselves.

The Navy does not recommend any changes in expenditures in this field. It also endorses the division of effort as shown in the existing proposed program for FY 65 and 66.

NRO's programs in the intelligence collection field have had strong influence in stabilizing the Electronic Warfare requirements in the military services. In general this program has:

1. Provided meaningful guidance for the Electronic Warfare programs of the three services.
2. Confirmed the major electronics threats.
3. Provided an index of electronic frequency use in all Sino-Soviet Bloc countries.
4. Provided a pattern of electronic employment around-the-clock and day-by-day.
5. Identified the major electronic threats as differentiated from the defensive radar systems.
6. Provided hemisphere-wide coverage daily.
7. Due to long life of certain systems, provided the same yardstick of performance daily.
8. Confirmed every major emitter identified by any other source.
9. Provided coverage in the interior not previously possible.
10. Avoided needless expenditure to counter postulated systems which do not exist.
11. Provided a meaningful product the validity of which cannot be challenged.

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- 12. Provided true data for radar order of battle.
- 13. Provided long enough surveillance to observe changes in emitter performance.
- 14. Produced data more accurate than is available by most other techniques.

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