

TCS-2880-58
Copy 24 of 20

ARC-M-78

AD HOC REQUIREMENTS COMMITTEE ON PROJECT AQUATONE (ARC)

**Minutes of Meeting Held in Room 214
Administration Building, Central Intelligence Agency
at 10:00 a.m., 15 March 1958**

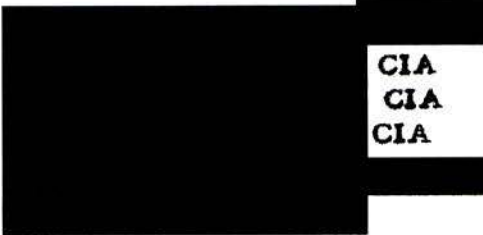
P R E S E N T

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**James O. Reber
Chairman**

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**Colonel William A. Dodds, OACSI
Lt. Col. Harold E. Snow, Jr. OACSI
Commander J. M. Larsen, ONI
Major Donald Conroy, ONI
Lt. Comdr. Fred A. Musial, ONI
Colonel James H. Macia, Jr., AFCIN
Lt. Col. George J. Keithley, AFCIN**



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Security Aspects of TALENT/AQUATONE: ELINT

1. Efforts to define certain types of operational information required by certain users of TALENT ELINT (as previously attempted in ARC-M-77, TCS-2877-58, paragraph 2) resulted as follows:

a. ELINT processors and analyst interpreters who would require altitude, track, and time -- to the minute in some cases; to the day and hour in others.

b. A small group of advisors to Committee members on the subject of requirements (Research & Development technicians, targeting experts) -- who would require altitude and total recording time of tape including total distance coverable as represented by this tape time.

 was present only for the first item on the agenda.

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c. Intelligence evaluators who interpret processed ELINT data and combine it with other sources of electronic intelligence for the purpose of turning out a finished piece of analysis. These men need to compare the actual ELINT data collected with the capability of the ELINT collection effort as it was used in the particular operation that collected the data in order to give full meaning to the intercepted data. These men would require altitude, track, and time.

2. It was speculated that the foregoing individuals would number in the order of 150 to 200. The Chairman stated that he would provide the foregoing to the Project Security Officer for guidance as to what new device he wished to introduce for security control of the types of information which had been defined. (Previous analysis has shown that PIs require altitude and track and in some cases time -- time being also relevant on occasion to those using COMINT and other sources.)

3. The Air Force representative stated that whereas he did not believe it wise to establish additional security classifications it might possibly be more effective to establish grades of certification within the TALENT system such as TALENT Grade One, Grade Two, and Grade Three. In any event, the Air Force would do its best to accommodate whatever was proposed except that the proposal would have to include some means for the TALENT Security Officer in his agency being fully acquainted with who in the Air Force was given this additional information in order to be able to answer promptly on the status of all Air Force TALENT cleared personnel.

Requirements for Peripheral ELINT
Collection: System Four

4. The Ad Hoc Requirements Committee was requested by the Project Director to advise him on requirements for peripheral ELINT collection by System Four.

5. In considering this matter, the Air Force representative stated that:

a. It was his understanding that AQUATONE operations were to be directed exclusively on penetrations of the Soviet Bloc or other denied areas.

b. There are in existence authorities for peripheral ELINT collection in the Department of Defense and equipment for such planned or in being.

c. Because of the two foregoing points he considered it inappropriate for the Committee to advise on requirements for AQUATONE peripheral ELINT collection. (The previous instance of Ad Hoc Requirements Committee requirements for BARENTS Sea during the Soviet fleet maneuvers in October 1957 is explained by the Air Force representative as an occasion where a unique opportunity for collection existed and for which no capability was available other than AQUATONE.)

6. The Navy representative indicated the importance of insuring that any AQUATONE peripheral ELINT collection flights be properly coordinated with comparable flights by Navy.

7. The ELINT Staff Officer expressed the view that the AQUATONE System Four capability for collection by peripheral missions was in addition to that which either exists or is programmed in the Air Force (except the Air Force planned use of the same vehicle). This is not to say, he pointed out, that those, i. e., Air Force capabilities, could not collect useful and unique data as compared to AQUATONE.

8. The ELINT Staff Officer proposed that AQUATONE peripheral ELINT System Four collection should be directed at the following areas, listed in order of importance:

- a. Priority One: Gulf of FINLAND -- LENINGRAD, BARENTS Sea -- NOVAYA ZEMLYA.
- b. Priority Two: KAMCHATKA Peninsula.
- c. Priority Three: North Siberian Coastline -- in particular, airfields in the area.
- d. Priority Four: Southern periphery of Soviet Union.
- e. Priority Five: Russian Ice Islands in the Arctic Ocean. (It would appear that in this instance photographic coverage might

also be useful. In the event that the suggestion of the Army member for concurrent photographic coverage were feasible, it was then thought by the ELINT Staff Officer that this priority would be raised; he suggested that concurrent photographic coverage might be feasible through the use of System Six.)

9. The views expressed above by the ELINT Staff Officer were concurred in by the Army, Navy, and the representative of the DD/I CIA.

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JAMES Q. REBER

Chairman

Ad Hoc Requirements Committee

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