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OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
WASHINGTON, D. C. 20301

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AUG 3 1972

INTELLIGENCE

MINUTES OF TACTICAL WARNING/ATTACK ASSESSMENT TASK FORCE MEETING

The first meeting of the Tactical Warning/Attack Assessment Task Force of the Defense Science Board convened at 0935, 23 June 1972, in the Pentagon under the chairmanship of Mr. Fred A. Payne. The agenda and list of attendees are shown on Enclosures 1 and 2.

Several draft charters were considered; the accepted version is Enclosure 3. It was agreed that the study would be conducted at the SI/TK security level and that information would be exchanged with other appropriate study groups such as the C³/Intelligence and Strategic Panels of the Defense Science Board and the Air Force Scientific Advisory Board.

A tour of the NMCC will be arranged for the members and they will be furnished copies of the final report of the Tactical Warning Task Force, reference material for the warning systems and for SALT, and copies of the interim report of the Air Force SAB Panel on Tactical Warning.

A discussion was held of what a credible and useful total Tactical Warning Attack Assessment System might include. It appears that, except for some missing coverage which could be supplied by greater quantities of existing equipments, the needed sensor elements are available, including most of the necessary communications, and that the principal deficiency lies in correlation and display elements. The basic instrument errors of the sensors are probably satisfactory for determination of launch and probable impact points to an accuracy sufficient for reasonable decision processes.

A "first cut" system concept was conceived consisting of 3 processing centers located in existing national command posts. The processing centers would be fed from the existing sensor data nodes through existing communication channels. These centers would then drive a number of "subscriber" displays which could be located where desired, including mobile command posts.

The following assignments were made to the various members for work to be reported at the next meeting which is scheduled for 13-14 September 1972:
OSD REVIEW COMPLETED. ALREADY DECLASSIFIED PER STAMP ON PG. 1

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SUBJECT TO GENERAL DECLASSIFICATION SCHEDULE OF
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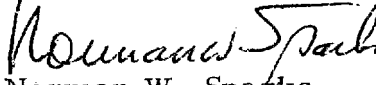
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1. Outline/first draft of final report - Mr. Payne
2. System definition/engineering - Mr. Everett/Dr. Shea
3. Decision process needs - Dr. Bobrow/Dr. Wilson
4. Military operational needs in excess of decision needs - Gen. Ferguson
5. Post attack environment - Mr. Haussmann
6. Naval system inputs - Dr. Paolucci
7. Intelligence system inputs - Dr. Steininger

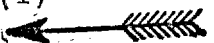
The meeting adjourned at 1600.


Norman W. Sparks
LTC, USA
Secretary

Enclosures:

- Encl. #1 - Agenda
- Encl. #2 - Attendance Roster
- Encl. #3 - Charter, TW & AA Task Force

Distribution:

Task Force Members
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OASD (I)
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Agenda

Tactical Warning/Attack Assessment Task Force

23 June 1972

0935 Task Force Charter

1035 Tactical Warning Systems Briefing, Colonel Henderson

1140 Tactical Warning Task Force Report, Mr. Haussmann

1205 Lunch

1325 Air Force Scientific Advisory Board Report, Mr. Everett

1330 Discussion

1540 Task Assignment

1600 Adjourn

ENCLOSURE 1

Attendance Roster

Tactical Warning/Attack Assessment Task Force

23 June 1972

Mr. Fred A. Payne (Chairman), Martin Marietta Corporation

Mr. Robert R. Everett, MITRE Corporation

General James Ferguson, USAF (Ret.), United Aircraft Corporation

Mr. A. Carl Haussmann, Lawrence Livermore Laboratory

Dr. David E. Mann, ARPA (AM only)

Dr. Dominic A. Paolucci, Lulejion and Assoc., Inc. (AM only)

Dr. Donald H. Steininger, CIA (AM briefly)

Dr. Lloyd Wilson, R&D Assoc. (AM only)

Observers

LTC Anthony Albright, JCS

Mr. Daniel Brockway, ODDR&E

Mr. Robert Langelier, OASD(T)

ENCLOSURE 2

CHARTER

DEFENSE SCIENCE BOARD
Task Force on Tactical Warning and Attack Assessment

A new DSB Task Force on Tactical Warning and Attack Assessment is formed. This new Panel has the primary objective of formulating recommendations for an R&D program for future systems to cope with evolving threats. To accomplish this objective, the new Panel will focus attention on the following specific tasks:

1. A review of the Tactical Warning Area Coordinating Paper and the Missile Attack and Warning Systems Program both in light of the findings from the former Tactical Warning Task Force.
2. A determination of future system possibilities of satisfying requirements for tactical warning and improved attack assessment. The needs of the NCA and NMCS, NORAD, and SAC will be reviewed in detail. The near-term threat will also be reviewed and possible future Soviet responses investigated. Potential improvements in survivability, availability and credibility of current and future systems will be assessed and special R&D programs to maximize the capability of the current mix of systems will be recommended.
3. A determination of current and future system possibilities of satisfying requirements for attack assessment will be made. Special

ENCLOSURE 3

emphasis will be given to credibility of data to support NCA decisions.

4. A review of new technologies which could be useful to tactical warning, attack and damage assessment but which are not yet mature enough on which to base a system concept. Their possible impact will be assessed and recommendations on future emphasis will be made.

5. An investigation of the utility of programmed and possible future tactical warning systems in mutually assisting SAFEGUARD, HARD-SITE, and other potential missile and air defense systems.

6. Further investigation of the feasibility, utility and desirability of integrating selected near real time intelligence systems into the tactical warning and attack assessment complex.

7. Review current concepts and methods by which sensor data enters the communication system with particular attention to timeliness of data and survivability of data links. Identify alternate methods of communication if deficiencies are indicated.

It is anticipated that the new Task Force could begin with the first meeting in early June 1972. An interim report would be prepared in September 1972 and a final report in January 1973 on these tasks. It is anticipated that additional tasks will be assigned to this Task Force in the future.