

5 May 1954

MEMORANDUM TO EACH MEMBER, TECHNICAL MANAGEMENT BOARD

1. The Director, National Security Agency, has approved six projects, TMB Projects 14 to 19, inclusive, for action by the Technical Management Board. Complete details concerning these projects are furnished in the inclosures to this memorandum.

2. A schedule for these projects is furnished as Inclosure-1. Since it is necessary to form working groups prior to the next meeting of the member agencies, executive agents have been designated and the projects evenly phased on an equitable basis.

3. In accordance with Technical Management Board procedure, member agencies are requested to furnish the Executive Secretary with the following information for each project by 17 May 1954.

- a. The name of the principal member who will serve for the Executive Agent.
- b. The name of a member for each working group. The Chairman of each working group will be designated by the Executive Agent for that project.
- c. The organizational titles, locations, and telephone numbers of the working group members.
- d. A statement that all working group members are properly cleared and indoctrinated for COMINT.

4. The composition of working groups for TMB Projects Nos. 14 to 19 inclusive, will be furnished each member agency upon receipt of the above information. For planning purposes, it should be assumed that each project will start on the date indicated on the attached project statements.

5. Further information may be obtained from the Chairman or from the Executive Secretary, phone extension 60241.

*Thomas J. Stratton*  
Thomas J. Stratton  
Executive Secretary

7 Incls:

- 1. TMB Project Schedule
- 2. Project Statements for TMB Projects Nos. 14 to 19 inclusive.

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Inclosure-1 to

TMB 12/14-19

NSA TECHNICAL MANAGEMENT BOARD

SCHEDULE OF PROJECTS

3 May 1954

TMB Project No.	Brief Title	Weeks Required	Project Dates		Executive Agent
			Start	Finish	
14	Receivers	11	1 June	13 Aug	NSA
15	D/F	6	14 June	23 July	ASA
16	Watch Guide	6	28 June	6 Aug	NavSecGru
17	Target Development	7	12 July	27 Aug	AFSS
18	TEXTA	7	26 July	10 Sep	NSA
19	Communications Utilization	7	9 Aug	24 Sep	AFSS

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Inclosure-1 to

TMB 12/14-19

3 May 1954

TECHNICAL MANAGEMENT BOARD PROJECT NO. 11I. PROJECT TITLE

A general study of the adequacy of the radio receivers being used in intercept stations and determination of possible improvements in receivers to be utilized for intercept purposes.

II. PROJECT SCOPE

Determination of the adequacy of receivers presently in use or available for COMINT purposes; determination of improvements which are possible to eliminate present inadequacies; and the recommendation of Research and Development projects to study the receiver problem on the basis of minimum operating requirements determined by the Working Group.

An investigation should be made into the following factors:

1. The capability of each receiver to produce a satisfactory representation of the desired signal at its output termination when the input is subjected to increasing amounts of noise and other interference within and adjacent to the receiver pass band frequencies should be determined. This also involves the performance of these receivers when connected directly to an antenna and to an antenna through a multi-coupler.
2. Operating flexibility and convenience to the operator in cases of general application and in cases of specific application.
3. The extent to which special circuits and connections are needed for operation with specialized terminal equipment.
4. Maintenance items and items of logistic significance such as spare parts, weight, space, power, and cost.

III. SOURCE

Suggested by NSA and NavSecGru at third meeting of the TMB.

IV. ESTIMATED TIME REQUIRED (after formation of a Working Group)

Eleven weeks.

V. DATES

Start of study by Working Group: 1 June 1954

Report to TMB Executive Secretary: 13 Aug 1954

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TMB 12/14.1

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TMB 12/15.1

3 May 1954

TECHNICAL MANAGEMENT BOARD PROJECT NO. 15

I. PROJECT TITLE

A study of standardization of D/F operations.

II. PROJECT SCOPE

A study of the need for increased standardization of D/F operations, the aspects of D/F operations in which increased standardization is desirable and practicable, and the benefits to be derived from such increased standardization. The following phases should be covered:

1. Determination of the nature and extent of diverse D/F operating practices currently being followed by the three Services.
2. Determination of the extent to which standardization of currently diverse D/F operating practices is suitable, feasible, and acceptable in terms of the basic mission of D/F in each of the three Services.
3. Determination of the benefits to be realized from increased standardization found practicable in accordance with the second phase of the study.
4. Recommendation of minimum standards for D/F operations by the three Services.

III. SOURCE

1. Reports of field trips.
2. NSA suggestions (NSA FE and NSA-64)

IV. ESTIMATED TIME REQUIRED (after formation of Working Group)

Six weeks.

V. DATES

Start of study by Working Group: 14 June 1954

Report to TMB Executive Secretary: 23 July 1954

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3 May 1954

TECHNICAL MANAGEMENT BOARD PROJECT NO. 16I. PROJECT TITLE

Development of a guide for the organization of intercept watches or tricks.

II. PROJECT SCOPE

Determination of available information relating to the organization of intercept watches or tricks. Development of a recommended guide, in NSA Circular format, to assist supervisors and operations officers achieve standard operating conditions within the scope of the Services regulations and requirements.

The following phases should be covered:

1. Determination of the present practices within the member agencies for organizing intercept watches or tricks.
2. Review of regulatory or guidance material previously issued on this subject by any of the member agencies.
3. Consideration of special requirements such as "scoop" watches.
4. Consideration of local station requirements for military duties other than intercept and direct support of intercept.
5. Consideration of Services' basic regulations and requirements which affect the organization of watches.
6. Consideration of varying types of intercept operations.
7. Consideration of staffing standards, including data available as a result of study of staffing standards in TMB Project No. 10 and relevant service directives.
8. Presentation of specific recommendations arising from review of factual data in a Working Group Report, which should have as an inclosure a recommended guide for the organization of watches in the format of an NSA Circular.

III. SOURCE

NavSecGru suggestion at third meeting of TMB.  
NSA (NSA-61) suggestion.

IV. ESTIMATE OF TIME REQUIRED (after formation of Working Group)

Six weeks.

V. DATES

Start of study by Working Group: 28 June 1954

Report to TMB Executive Secretary: 6 Aug 1954

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TMB 12/17.1

3 May 1954

TECHNICAL MANAGEMENT BOARD PROJECT NO. 17

I. PROJECT TITLE

A study of principles and techniques of target development.

II. PROJECT SCOPE

To investigate target development programs, in order to determine the type and extent of effort which should be devoted to them at each echelon.

The following phases should be covered:

1. Determination of the present policies and procedures within the four member agencies for target development, including NSA action in respect to the General Search Program.
2. Determination of the adequacy of the current procedures in obtaining objective.
3. Determination of means for keeping to a minimum the number of temporary notations, by effecting prompt intercept and analytical follow-up on unidentified and temporary-notation items resulting from normal intercept.
4. Study of the forwarding and use of "DNM" (drop, non-mission) traffic.
5. Determination of the degree of technical support required at each echelon for general search intercept positions.
6. Development of specific recommendations for improvement.

III. SOURCE

AFSS suggestion at third meeting of TMB.

IV. ESTIMATE OF TIME REQUIRED (after formation of Working Group)

Seven weeks.

V. DATES

Start of study by Working Group: 12 July 1954

Report to TMB Executive Secretary: 27 Aug 1954

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TMB 12/18.1

3 May 1954

TECHNICAL MANAGEMENT BOARD PROJECT NO.18

I. PROJECT TITLE

A study of format and means of dissemination of TEXTA data.

II. PROJECT SCOPE

Determination of the most effective format and efficient means for preparing and disseminating TEXTA data.

The following phases should be covered:

1. Review of present procedure for preparing and disseminating TEXTA data.
2. Review of studies and analyses regarding the subject which are available within the four member agencies.
3. Determination if improvement can be achieved and if so, presentation of specific recommendations for improvement.

III. SOURCE

1. Director's trip in European area, July 1953.
2. Reports of other trips.

IV. ESTIMATE OF TIME REQUIRED (after formation of Working Group)

Seven weeks.

V. DATES

Start of study by Working Group: 26 July 1954

Report to TMB Executive Secretary: 10 Sep 1954

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TMB 12/18.1

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TMB 12/19.1

3 May 1954

TECHNICAL MANAGEMENT BOARD PROJECT NO. 19

I. PROJECT TITLE

A study of communications utilization.

II. PROJECT SCOPE

Determination of degree of duplication, if any, in COMINT reports and messages which require transmission by electrical means. If required, development of recommendations for improvement. Project scope is limited to intercept operations.

The following phases should be covered:

1. Determination of the present scope, regulations, and procedures in regard to electrical transmission of COMINT material.
2. Review of message precedences required by existing regulations of the four member agencies, including negative as well as positive reports. Determination of the validity of these precedence requirements.
3. Review of requirements for electrical transmission of routine, recurring reports. Consideration of using mail or courier facilities for routine forwarding.
4. Development of recommendations, if required, to improve existing conditions, including determination of specific responsibility for implementation.

III. SOURCE

AFSS suggestion at third meeting of TMB.

IV. ESTIMATED TIME REQUIRED (after formation of a Working Group)

Seven weeks.

V. DATES

Start of study by Working Group: 9 Aug 1954  
Report to TMB Executive Secretary: 24 Sep 1954

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