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DEPARTMENT OF THE ARMY  
 HEADQUARTERS ARMY SECURITY AGENCY  
 WASHINGTON 25, D. C.

SUBJECT: Minutes of Army Security Agency Technical Committee Meeting No. 7L

TO: Interested Members, Army Security Agency Technical Committee and  
 Other Interested Agencies

1. A meeting of the Army Security Agency Technical Committee was held  
 14 October 1949, Room 117, Headquarters Building, Arlington Hall Station.  
 Attendance was as follows:

Acting Chairman

Colonel John C. Arrowsmith

Secretary

1st Lt. Mac C. Eversole

Members and Alternates Present

DEPARTMENT OF THE ARMY

GENERAL STAFF, UNITED STATES ARMY  
 Research and Development Group

Lt. Col. Richard J. Meyer, Member

ARMY SECURITY AGENCY

Office Special Ass't to Chief  
 Plans & Operations Section, Staff  
 Logistics Section, Staff  
 Research & Development Division

Mr. Mark Rhoads, Alternate  
 Lt. Col. D. W. Bernier, Member  
 Major A. V. Whitehead, Member  
 Dr. S. Kullback, Member

Observers Present

DEPARTMENT OF THE ARMY

ARMY SECURITY AGENCY  
 Research and Development Division

Mr. Arthur B. Moulton

DEPARTMENT OF THE NAVY

Mr. Robert E. Miller

Members Absent and Concurring

DEPARTMENT OF THE ARMY

ARMY SECURITY AGENCY  
 Security Division

Mr. H. L. Clark, Alternate

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2. The Subcommittee Reports listed below were recommended for approval by the Army Security Agency Technical Committee. Recommendations contained in these reports have been approved for the Chief, Army Security Agency by the Chairman, Army Security Agency Technical Committee and for The Secretary of the Army by a designated representative of the Director of Logistics, General Staff, United States Army.

<u>Pages</u>	<u>Item</u>	<u>Subject</u>	<u>Action</u>
	41	Review of Intercept and Direction Finding Research and Development Projects	Approval of Recommendation
	42	Review of Cryptologic Research and Development Projects	Approval of Recommendation

3. There being no further business to come before the Committee it adjourned to meet at the call of the Chairman.

*John C. Arronsmith*  
JOHN C. ARRONSMITH  
Col., Corps of Engineers  
Acting Chairman, ASATC

*Mac C. Eversole*  
MAC C. EVERSOLE  
1st Lt., Signal Corps  
Secretary, ASATC

DEPARTMENT OF THE ARMY  
HEADQUARTERS ARMY SECURITY AGENCY  
WASHINGTON 25 D. C.

ITEM # 41

14 October 1949

SUBCOMMITTEE REPORT FOR THE ARMY SECURITY AGENCY TECHNICAL COMMITTEE

SUBJECT: Review of Intercept and D/F Research and Development Projects

## 1. REFERENCES:

- a. IRS, dated 15 August 1949, from Secretary, Army Security Agency Technical Committee to Chairman, Intercept and Direction Finding Subcommittee, subject, "Review of Research and Development Projects."
- b. Special Regulation 705-5-1, Paragraph 12.

## 2. DISCUSSION:

a. Agencies Concerned

- (1) Directing Agency: Army Security Agency
- (2) Other Interested Agencies: Navy, USAF

b. Purpose

To insure conformity with the Department of the Army Research and Development Program, to eliminate duplication and unproductive activities, to insure records on all projects are kept current, and to insure prompt action on all completed projects.

## 3. RECOMMENDATIONS:

The Subcommittee recommends that:

- a. The following projects be continued and the assigned priorities remain the same as indicated:

<u>DA Project No.</u>	<u>Title</u>	<u>Priority</u>
1-29-30-001	General Research Intercept Equipment	1-C
1-29-32-008	Double Current Cable Code Equipment	2-B
1-29-32-009	Three Channel Printer Equipment, ASAN 8	1-C
1-29-32-013	Two Channel Electronic Demultiplexer, ASAN 6	1-B
1-29-32-014	ASAN 5, Golfball Terminal Equipment	1-B

b. The following projects be continued and the assigned priorities changed as indicated:

<u>DA Project No.</u>	<u>Title</u>	<u>Priority</u>	
		<u>From</u>	<u>To</u>
1-29-32-002	Electromechanical Demultiplexer, ASAN 13	2-A	1-C

c. The following projects be terminated as completed:

None.

d. The following projects be cancelled:

None.

4. EXHIBITS:

There are no exhibits to this report.

5. COORDINATION:

Coordination was accomplished with the following agencies:

None.

*Arthur B. Minton*  
for R. C. HIX  
Chairman, Intercept  
& D/F Subcommittee, ASATC

DEPARTMENT OF THE ARMY  
HEADQUARTERS ARMY SECURITY AGENCY

14 October 1949

SUBJECT: Approval of Army Security Agency Technical Committee  
Subcommittee Report No. 41TO: Interested Members of Army Security Agency Technical Committee  
and Other Interested Agencies

1. Subcommittee Report No. 41, Subject: Review of Intercept and Direction Finding Research and Development Projects, dated 14 October 1949, having been presented by Mr. Arthur B. Moulton at Army Security Agency Technical Committee meeting No. 7L, above date, was recommended for approval. This recommendation was concurred in by all members present, a listing of whom is included in the minutes of the meeting.

2. The recommendations contained in subject report are hereby approved.

FOR THE CHIEF, ARMY SECURITY AGENCY:

*John C. Arrowsmith*  
JOHN C. ARROWSMITH  
Col., Corps of Engineers  
Acting Chairman, ASATC

*Mac C. Eversole*  
MAC C. EVERSOLE  
1st Lt., Signal Corps  
Secretary, ASATC

Approved by order of the Secretary of the Army:

*Richard G. Meyer*  
RICHARD G. MEYER  
Lt. Colonel, GSC  
R&D Group, Logistics Div., GSUSA

ITEM # 42

14 October 1949

SUBCOMMITTEE REPORT FOR THE ARMY SECURITY AGENCY TECHNICAL COMMITTEE

SUBJECT: Review of Cryptologic Research and Development Projects

1. REFERENCES:

- a. IRS, dated 12 August 1949, from Secretary, Army Security Agency Technical Committee to Chairman, Cryptologic Subcommittee, subject, "Review of Research and Development Projects."
- b. Special Regulations #705-5-1, dated 17 March 1949, Paragraph 5b and Paragraph 12.
- c. Special Regulations #705-20-1, dated 17 March 1949, Paragraph 2d.

2. DISCUSSION:

a. Agencies Concerned

- (1) Directing Agency: Army Security Agency
- (2) Other Interested Agencies: Navy, USAF

b. Purpose

To insure conformity with the Department of the Army Research and Development Program, to eliminate duplicating and unproductive activities, to insure records on all projects are kept current, and to insure prompt action on all completed projects.

3. RECOMMENDATIONS:

The Subcommittee recommends that:

- a. The following projects be continued, the assigned priorities remain the same as indicated, and project titles be changed as indicated:

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<u>DA Project No.</u>	<u>Title</u>	<u>Priority</u>
1-29-01-001	Cryptologic Methods Research	1-B
1-29-01-002	Cryptologic Engineering Research	1-B
1-29-48-008	Relay Aids and Analogues	1-C
1-29-60-001	General Cryptologic Research	1-B
1-29-66-001	Machinery Exploitation	1-C
1-29-66-004	Adaptation of ASAF 14 for Multinotch Rotor Machines	3-A
1-29-66-008	ASAF 43	1-C
1-29-66-009	Diagonal Board Connector for ASAF 14	1-C
1-29-66-010	Investigation of Recorders for RAM	1-C
1-29-66-011	70mm Film Camera and Storage Unit	1-B
	(Change project title to "ASAF 26")	
1-29-66-013	Electronic Tape Translator	1-C
	(Change Project title to "ASAF25")	
1-29-66-015	Expanded Comparator	1-C
	(Change project title to "ASAF 27")	
1-29-66-017	SIGMAGE Control	1-C
	(Change project title to "ASAF 26")	
1-29-66-018	SLED Development	1-B
	(Change project title to "ASAF 29")	
1-29-66-022	ASAF 40 and ASAF 41	1-C
1-29-66-030	NC-4, MARK II and Alphabetic Substitution Device	1-C
	(Change project title to "ASAF 42")	
1-29-70-001	Application of Electronics to Cryptology	1-B
1-29-70-002	Varant	1-B
1-29-70-003	ASAF 12 and ASAF 13	1-C
1-29-70-004	ASAF 1	1-C
1-29-70-005	Electronic FREAK	1-C
	(Change project title to "ASAF 31")	
1-29-70-006	ASAF 32	1-B
1-29-70-007	ASAF 33	1-B

b. The following projects be continued and the assigned priorities changed as indicated:

None.

c. The following projects be terminated as completed:

<u>DA Project No.</u>	<u>Title</u>
1-29-48-001	Electronic Plugboard and Reversing Wheel Solver
1-29-48-007	ASAF 36
1-29-66-005	RAM Development and Modification Contract

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<u>DA Project No.</u>	<u>Title</u>
1-29-66-006	Engineering Services - RAM Equipment
1-29-66-026	Engineering Services - RAM Equipment
1-29-66-027	Electronic Sense System for Crib Dragger

d. The following projects be cancelled:

<u>DA Project No.</u>	<u>Title</u>	<u>Reason for Cancellation</u>
1-29-66-024	Operation of "M" Frame in Conjunction with 5202	Operational requirement no longer exists

4. EXHIBITS:

None.

5. COORDINATION:

None.



LEO ROSEN  
Chairman, Cryptologic  
Subcommittee, ASATC

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REF ID: A58146  
DEPARTMENT OF THE ARMY  
HEADQUARTERS ARMY SECURITY AGENCY  
WASHINGTON 25, D. C.

14 October 1949

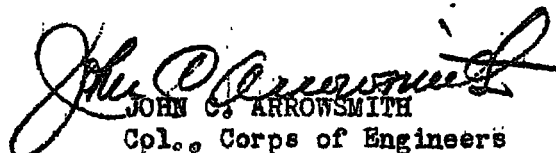
SUBJECT: Approval of Army Security Agency Technical Committee  
Subcommittee Report No. 42


TO: Interested Members of Army Security Agency Technical Committee  
and Other Interested Agencies

1. Subcommittee Report No. 42, Subject: Review of Research and Development Cryptologic Projects, dated 14 October 1949, having been presented by Dr. S. Kullback at Army Security Agency Technical Committee meeting No. 7L, above date, was recommended for approval. This recommendation was concurred in by all members present, a listing of whom is included in the minutes of the meeting.

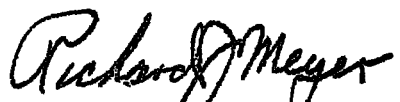
2. The recommendations contained in subject report are hereby approved.

FOR THE CHIEF, ARMY SECURITY AGENCY:

  
JOHN C. ARROWSMITH  
Cpl., Corps of Engineers  
Acting Chairman, ASATC

  
MAC C. EVERSOLE  
1st Lt., Signal Corps  
Secretary, ASATC

Approved by order of the Secretary of the Army:

  
RICHARD J. MEYER  
Lt. Colonel, GSC  
R&D Group, Logistics Div., GSUSA