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

CSGAS-74

25 February 1949

SUBCOMMITTEE REPORT NO. 27.

MEMORANDUM FOR THE ARMY SECURITY AGENCY TECHNICAL COMMITTEE

SUBJECT: Review of Cryptographic Research and Development Projects

1. REFERENCES:

- a. IRS dated 16 February 1949 from Secretary, ASATC to Chairman, Cryptographic Subcommittee, Subject: Review of Research and Development Projects.
- b. War Department Circular #126, subject: Research and Development, and Classification of Materiel, Section III, Paragraph 13, dated 17 May 1947.

2. DISCUSSION:

a. Agencies Concerned:

- (1) Directing Agency: Army Security Agency
- (2) Other Interested Agencies: Chemical Corps, AFF, USAF, Signal Corps

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 and the assigned priorities remain the same as indicated.

| <u>DA Project No.</u> | <u>Title</u>   | <u>Priority</u> |
|-----------------------|--|-----------------|
| 29-40-001             | Preliminary Development of Cipher Machine Components | 1-B             |
| 29-41-001             | ASAM 9   | 1-B             |
| 29-41-003             | Cold Cathode Tube                                    | 1-B             |
| 29-41-004             | ASAM 7   | 1-B             |

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| <u>DA Project No.</u> | <u>Title</u>                  | <u>Priority</u> |
|-----------------------|-------------------------------|-----------------|
| 29-43-001             | ASAM 10                       | 1-B             |
| 29-43-002             | ASAD 1                        | 1-B             |
| 29-45-003             | ASAM 12                       | 1-C             |
| 29-48-005             | ASAF 35                       | 1-B             |
| 29-60-002             | System Indicator Encipherment | 1-C             |
| 29-41-005             | ASAM 13                       | 1-B             |
| 29-41-006             | ASAP 3                        | 1-B             |

b. The following projects be terminated as completed:

| <u>Project No.</u> | <u>Title</u>             |
|--------------------|--------------------------|
| (4-1304)           | One Time Pad Device      |
| (4-1306)           | SIGBRAT                  |
| (4-1307)           | One Time Pad (2d Device) |
| (4-1308)           | SIGBRAT Manufacture      |

c. The following projects be cancelled:

| <u>Project No.</u> | <u>Title</u>  | <u>Reason for Cancellation</u>  |
|--------------------|---|---|
| (45-1301)          | Security Study of Reflex Wiring and Irregular Motions RIM                 | Incorporated into DA Proj 29-60-001, General Cryptologic Research               |
| (48-1314)          | Construction of SIGTOT for Airplane Installation                          | IRS from AS-81 to AS-74, dated 21 February 1949, Subject: Airplane Installation |
| DA # 29-41-002     | Converter Attachment or Applique Unit for SIGABA (Development of ASAM 12) | Incorporated into DA Project #29-45-003, ASAM-12                                |

4. EXHIBITS: None

5. COORDINATION: None

*Howard C. Barlow*

HOWARD C. BARLOW  
Chairman, Cryptographic  
Subcommittee

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