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SUBJECT: Report of Contacts Outside of Security Division

TO: Chief, Technical Staff   Date: 16 February 1948

Organization visited: State Department

Person contacted: Mr. R. V. Anderson, Division of Cryptography

Subjects discussed: Provision of Maintenance Facilities for SIGROD
                       Machines Held by Military Attaches.
                       State Department HALF-JODO.

1. Explained to Mr. Anderson the action which had been taken to determine the feasibility for State Department maintenance men to service cipher machines of Military Attaches on their regular maintenance tours; namely that the D/I (Executive for Administration) approves of the plan and that Maintenance Branch sees no difficulty on the exchange of parts for service idea, providing the State Department does not require too many CSP 1700 type parts.

2. Mr. Anderson suggested that the next step would be for the Army Security Agency to send a letter to the Office of Departmental Administration, State Department, stating in very general terms that maintenance of Military Attache cipher machines by State Department maintenance personnel is very feasible and would be mutually advantageous to both the State Department and Department of the Army. He suggested also that a statement be included in the letter to the effect that if the plan is approved, the details would be arranged between the Army Security Agency and the Division of Cryptography.

3. Following this discussion, Mr. Anderson showed me the State Department's own version of the HALF-JODO. Mr. Anderson had developed a conversion idea for use with the State Department machine CSP 1700. A symmetrical circuit employing 10 sets of relays is used instead of our Christmas tree circuit. The device encased is about one fourth the size of our HALF-JODO. Mr. Anderson also exhibited a full JODO modified for CSP 1700 operation, a machine which is highly satisfactory to them. He claims that their maintenance troubles with it are not excessive and that it fits in very well with their attempts to "mechanize the code room completely."

Thomas R. Chittenden

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