25 June 1946

MEMORANDUM FOR: Mr. William F. Friedman, Chairman
Research and Development Subcommittee

SUBJECT: Approved Method of Operation (JIGO).

Inclosed herewith for your information and file is a copy of
the JIGO Approved Method of Operation.

1 Incl
Copy of JIGO Approved Method of Operation

WASOU G. CAMPBELL
John P. Callahan
Secretariat, USCIGO
The following study was carried out at your request in order to determine specifically what was involved in the regular accusations by the AAF of our inability to cope with their meteorological requirements. I feel that the results indicated here show that we properly discharged our responsibilities considering the difficulties under which the Security Division was laboring during the war.

A. Sinkov
Chief, Security Division
Approved Method of Operation for the Joint Intercept Control Group (JICG)

1. Reference is made to a paper dated 18 February 1946 and entitled "Duties and Responsibilities of Coordinator of Joint Operations" which directs the establishment and operation of a Joint Intercept Control Group (JICG).

2. The JICG is to be organized as indicated by the chart which is attached as Exhibit 1, and as outlined below.

3. The Deputy Coordinator for Intercept Control will be the officer in charge of the JICG, which will be organized and staffed as indicated in subparagraphs a. through g.

a. Two Principal assistants, physically located with the Deputy Coordinator, one each to be provided by ASA and OP-20-G. The operational personnel of the JICG will report to the Deputy Coordinator for Intercept Control through these assistants. (Lt. Johnson of OP-20-G and Mr. Patton of ASA are the incumbents.)

b. Three Coverage analysts, physically located with the assistants; both ASA and OP-20-G are to have representation in the coverage analysis group at all times. The analysts will perform the operational work involved in preparation of intercept assignments, keep records on available facilities and coverage capabilities, check station performance, prepare all reports to concerning Army, Navy and coordinator intercept tasks, etc. (Incumbents are Lt. Potvin of OP-20-G and Mr. Duval and Miss Smith of ASA.)

c. A Daily Coverage Report Studies Group, physically located with the coverage analysts, and composed of people furnished by ASA and OP-20-G. This group will process daily coverage reports from all Army and Navy stations performing joint tasks to determine periods and quality of coverage, and will prepare "Schedule A" (a monthly coverage report for dissemination to and such other coverage reports as may be decided upon from time to time. (Miss Gruesa of ASA is at present the supervisor of this group of 14 persons.)

d. A Wave Propagation Analyst, to be located with the coverage analysts, and to be furnished by either service. This individual is to conduct the ionospheric studies and produce the wave propagation data required by all units of ASA and OP-20-G. (Incumbent is Miss Repke of ASA.)
0. An ICB Case Book (ICB) Preparation Group, to be located at OP-20-G and composed of Naval personnel. It will have as its responsibility the preparation of the ICB for distribution to and American users. (The group at present is composed of 5 persons, with Lt. (J.G.) Weiland as supervisor.)

f. An International Commercial Radio (ICR) Traffic Studies Group, to be located at Arlington Hall Station and composed of ASA personnel. It will have as its responsibility the tabulation of ICR traffic copied by Army, Navy, _________ stations, and the preparation of statistical reports thereon. The principal report to be produced by this group lists volume of traffic by radio transmitter and circuit, indicating the cryptographic system, point of origin and point of destination for each message. These reports are used in the determination of intercept priorities and to check intercept station performance. (The group at present consists of two units, a Traffic Preparation Unit of 24 persons supervised by Miss Perrow, and an IBM Analysis Unit of 8 persons supervised by Miss Rhea.)

g. A Stenographic Group of approximately 3 persons, to be provided by the Deputy Coordinator for Intercept Control.

4. The statistical reports prepared by the ICR Traffic Studies Group will be furnished to the Deputy Coordinator for Processing Allocation and to cognizant intelligence representatives of the Army and Navy. The JICG Technical Staff will meet regularly (monthly, initially) with these intelligence representatives and with a representative of the Joint Processing Allocation Group in order to establish intercept and forwarding priorities.

5. A table showing present and proposed Army and Navy intercept facilities is attached as Exhibit 2. It is itemized to show the approximate allocation of facilities to joint intercept and to purely Army or Navy tasks. The figures given are only estimates, as the actual allocation is expected to vary from day to day.

6. Control of Army or Navy facilities performing service intercept will continue to be exercised by the ASA and OP-20-G intercept control organizations, and priorities therefor will be established by these control groups in conjunction with the cryptanalytic and intelligence representatives of the respective services.

7. Initially, as an operational convenience deriving from the nature of existing communication facilities, and to insure that all directives to any intercept station are channeled through the same office, missions will be routed from the Deputy Coordinator for Intercept Control
to the intercept stations through the A&A or OP-20-G intercept control group concerned. These control groups will normally serve only as relay points for such messages and are not to delay transmission of the messages for performance of any review, coordination or other functions. The Army and Navy groups will have cognizance over the contents only to the extent that they may return a mission to the JICG for reconsideration when the mission is considered too large for performance by available facilities.

8. This method of routing messages will automatically keep the Army and Navy control groups informed of the missions assigned to stations under their control. The army and Navy control groups, in turn, will keep the Deputy Coordinator for Intercept Control fully informed on the following subjects:

   a. Service missions assigned to all stations.

   b. Facilities and personnel available at each station and numbers used in performance of service missions.

   c. Volumes and types of messages copied from assigned service circuits.

   d. All data pertinent to the ICB.

HANFORD T. COLWELL
Major, Signal Corps
Deputy Coordinator for Intercept Control
Organizational Diagram, Joint Intercept Control Group (JICG)

WHERE LOCATED
Arlington Hall Station | Joint Intercept Control Group Location | Naval Communications Annex

ASA STATIONS
ASA OFFICE
ASA CONTROL

JICG Missions

DEPUTY COORDINATOR FOR INTERCEPT CONTROL
Major Colwell

ASA ASSISTANT
Mr. Patton Lt. Johnson

ICR TRAFFIC STUDIES
Miss Perrow Miss Rhea

COVERAGE ANALYSTS
Lt. Potvin Mr. Duvall Miss Smith

STENOGRAPHER GROUP

WAVE PROPAGATION ANALYST
Miss Rapke

DAILY COVERAGE REPORT STUDIES
Miss Gruesa

OP-20-G STATIONS

Lt. Novak

TOP SECRET
### Disposition of STAECIB Intercept Facilities

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<tr>
<th>Army or Navy Missions and Control</th>
<th>JICG Missions and Control</th>
<th>TOTAL</th>
<th>Date</th>
<th>Service</th>
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<td>52</td>
<td>1 April '46</td>
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<tr>
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<td>22</td>
<td>62</td>
<td>1 April '46</td>
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</tr>
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<td>67</td>
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<td>8 July '46</td>
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<td>8 July '46</td>
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<tr>
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<td>362</td>
<td>790</td>
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