ACCESS RESTRICTED

The item identified below has been withdrawn from this file:

File Designation

Date 03/12/47
From MEMO FEAR
To G-2

In the review of this file this item was removed because access to it is restricted. Restrictions on records in the National Archives are stated in general and specific record group restriction statements which are available for examination. The item identified above has been withdrawn because it contains:

[ ] Security-Classified Information

[ ] Otherwise Restricted Information

CIA/CIA

Authority

31 OCT 1979

Date

GENERAL SERVICES ADMINISTRATION

GSA FORM 7117 (2-72)

GPO: 1973 O - 569-459
Russian Monitoring and Relaying Radio Stations.

G-2

Army Security Agency
GCS/OD/3A/JAM/VMC

1

Attached CIC report dtd 25 Oct 47, subject as above, is forwarded for your information.

1 Incl:
441st CIC
rpt, subj:
as above.

C.A.W.

MEMO FOR RECORD:

CIC Area 30 S/I MIL 30-151
dtd 25 Oct 47, subj: same as above, states that the Soviets are monitoring the radio transmitter operated by the 611th Aircraft Control and Warning Squadron, Migata Det. It has not been possible to locate these Soviet monitoring and radio relay stations. Info forwarded Army Security Agency for their info.

J.A.M. 26-5662

FILE

SECRET
APO 500
21 October 1947

JL.

SUBJECT: Recording of Arrival of Repatriation Ship at Maizuru, for Japanese Broadcast.

TO: Assistant Chief of Staff, G-2, EIGHTH Army, APO 343.

1. In August 1947 the Japan Broadcast Corp., with approval of General Headquarters, Supreme Commander for the Allied Powers, made a recording of an on-the-spot description of the arrival of a repatriation ship at Hakodate, including impromptu interviews with repatriates. This recording was later broadcast on the Friday hour allotted to a program concerning repatriates, and is reported to have been favorably received.

2. The Japan Broadcast Corp. now desires to make a similar recording, for subsequent broadcasting, on the occasion of a repatriation vessel at Maizuru. They desire to send a party of about 5 members of Radio Tokyo, led by a producer named SHIMIZU, and accompanied by SAKATANI Seizo of the Central Liaison Office, to Maizuru about 26 October to make this recording. The party desires to stay at Maizuru until about 29 October.

3. This Headquarters views this project favorably and requests that reasonable facilities should be extended to the party by the Maizuru Port Commander.

4. The recording is subject to censoring by Civil Censorship Detachment prior to being broadcast.

For the Assistant Chief of Staff, G-2:

R. G. DUFF
Colonel, G.S.C.,
Acting Executive Officer

FILE

MAYNARD E. LEE
CWO, USA

[Signature]
BASIC: Ltr fr G-2 to G-2 8 Army, dtd 21 Oct 47, subject "Recording of Arrival of Repatriation Ship at Maizuru, for Japanese Broadcast".

MEMORANDUM FOR RECORD:

1. Purpose of this letter to G-2 8 Army is to indicate approval of Jap. Broadcast Corp. project, verbally submitted thru GLO, for a recording of the scene of arrival of a repatriation ship at Maizuru, and to direct granting of necessary facilities (i.e., admission to port etc.) at Maizuru. Request was made to J/L thru G.L.O. Repatr. Sectn (Mr. Suzuki).

2. Similar project, for Hakodate, was approved in Aug. 47, with concurrence of CIN and G-3; approval was communicated to 8 Army G-2 by SCAP G-2 letter, similar in content as present letter, on request of Col. Jones, 8 Army G-2.

3. CIN (Lt. Col. Nogent) G-3 Repatr. (Lt. Col. Anderson) and ATIS (Lt. Col. Glenn) have been contacted by telephone and have concurred.

JWS. 26-5978
To: Mr. K. A. Smith

Subject: Report of Japanese Activities

Enclosed is a report of the Japanese activities and their impact on our current situation. The report includes detailed information on their military strategy, economic measures, and propaganda efforts. It also highlights the importance of maintaining vigilance and preparedness in light of their recent actions.

Please review the report and provide your feedback or any additional intelligence that you may have.

Sincerely,

[Signature]

[Date]

Note: The report contains sensitive information that should be treated with the utmost confidentiality.
CIS/OD 2nd Ind

G-2, GENERAL HEADQUARTERS, FAR EAST COMMAND, APO 500

TO: Assistant Chief of Staff, G-2, Eighth Army, APO 349

1. In reference to request made in paragraph 3, basic letter, it is desired that the British Commonwealth Occupation Forces be advised of the following:

   a. Subject monitoring logs are prepared by the Foreign Broadcast Intelligence Bureau station in Hawaii and are forwarded by airmail to General Headquarters, Far East Command, where they are reproduced in designated numbers by the Civil Censorship Detachment, a unit under G-2.

   b. Arrangements have been made to supply the British Commonwealth Occupation Forces with copies of the requested monitoring logs which will be forwarded by the regular messenger service now operating between General Liaison Section, G-2, General Headquarters, Far East Command, and the British Commonwealth Occupation Forces Headquarters at Empire House, Tokyo.

2. It is further desired that the British Commonwealth Occupation Forces be informed that the procedure outlined above will take effect on or about 10 August.

For the Assistant Chief of Staff, G-2:

C. S. Myers
Colonel, G.S.C.
Executive Officer

[Handwritten note: File #1, 28 July 1945.]

SECRET
SECRET

Plan of Procedure for Establishment of Monitoring Station in Japan

DC/5, FEO  

2h July 47

1. The C/S has approved subject project and requires a plan of procedure to implement same. (Estimated requirements, Tab A)

2. It is desired that G-4, in conjunction with interested sections listed in Par 3 below, prepare for the C/S's approval subject plan based on the following factors:

a. Location at Sasebo, Kyushu.
b. Construction of operational and quartering structures, cost estimated at $198,000, to be borne as incidental to the occupation except for materials provided by U. S. Armed Forces.
c. Date of completion of project minimum requirements for operation by 30 Oct 47; completion of project by 1 Jan 48.
d. Establishment of priority of construction in consonance with existing and already approved projects.
e. Method of reimbursement by deposit of dollars (US) in Yen Liquidation Fund for all services and materials furnished by the Army on a reimbursable basis under the provisions of War Dept Ltr, AGAO-S-3-28480, 25 Oct 1945: "Supplies and Equipment for CIG".
f. Procurement and replacement of required personnel for operation of this project will be the responsibility of CIG.
g. Logistic support for the operating group (estimated at present at 114 persons).
h. Availability of materials required for construction indicated in (b), both indigenous and items being procured from the ZI.
i. The feasibility of utilizing alternate sites, either in Japan or elsewhere in the Pacific has been considered and none are adequate. Post Treaty utilizations is the responsibility of CIG.

3. Other interested sections are: G-1, G-2, GSO, Engineer 0, Fiscal 0, 8th Army. Where appropriate, the above enumerated agencies should furnish annexes to this plan sufficiently complete to show the requirements, the procurement thereof, with dates and any operational difficulties connected with this project.

4. This plan with concurrences of interested agencies, together with the necessary directives, should reach this office by 30 July.

DISTRIBUTION: G-1, G-2, GSO, Engineer 0, Fiscal 0.

Incl:
Tab A

# 5
IV. RECOMMENDATION AND REQUEST FOR FACILITIES

It is recommended that at the earliest possible date a monitoring station be established at Sasebo for operation by the Foreign Broadcast Information Branch.

To accomplish this project, the following facilities will be required and are hereby requested:

A. Procurement and Construction

1. Procure the Ishikade site from the Japanese Government.
2. Clear the property and dig up and remove all underground metal pipe (to prevent false alignment of incoming signals).
3. Erect the following all-weather buildings, according to plans to be furnished:
   (a) Main operations buildings: floor space, 3,000 sq ft.
   (b) Shop and storage buildings: floor space, 800 sq ft.
   (c) Mess hall: floor space, 1,200 sq ft.
4. Bury two feet underground the electric power, telephone and water lines leading into site.
5. Assist in erection of antennas and relocate the power line that runs through the site.
6. Improve the road from the Sasebo shipyard area to the site (about three miles) to make it an all-weather road.

B. Communications

1. Provide reliable communications for 15,000 words daily from the Ishikade site to the GHQ Signal Center, Tokyo, and for 200 words daily from Tokyo to Ishikade; the 15,000 words of intercepts to be relayed by the GHQ Signal Center to the United States. With 5,000 words daily to be filed from Tokyo, this represents the 20,000 words daily of outgoing traffic allocated to FREL by the Chief Signal Officer, FEC, last November.

C. Personnel

Building up of the station has been divided into three phases, as follows:

Phase One: Period of construction of station plus three months: number of personnel, 14.
Phase Two: Enlarging the staff as the station proves a sound venture and as radio reception remains consistently excellent Phase One plus three months: estimated number of additional personnel, 6.

Phase Three: It is contemplated that the rich supply of Far Eastern linguists among foreign nationals resident in Japan will be utilized to full advantage as translators. Initially, these foreign nationals would be employed under the SOAP arrangement by which the U.S. Government is not responsible for payment of salaries. If their services are required permanently, as some future date foreign nationals of proved competence and trustworthiness might be placed on the PWB payroll.

Phases Two and Three are outside the sphere of immediate consideration. Phase One will require:

1. Invitational orders for 1½ civilians to proceed, in increments of two or three, from Hawaii to Japan for permanent duty.

2. Housing for 1½ civilians at Sasebo, as follows:
   (a) Two field grade type of dependent houses.
   (b) Four company grade type of dependent houses.
   (c) Eight single employees' billets.

V. CONSTRUCTION COSTS

Engineer Office, GHQ, FEC, estimates the cost of construction for PWB operations and housing at Sasebo as follows:

A. Operations buildings (Section IV-A above): $111,000.
(Floor plan of main building attached). This estimate is based on the assumption, in which C-1, and the Engineer Office concur, that the Japanese Government may be expected to clear the Isehara site in order to salvage the construction materials thereon. This is, in any event, the intention of the Japanese Government, which desires the materials for emergency housing.

B. Personal housing (Section IV-C-2 above):
   6 dependent houses..........................$60,000
   8 single employees' billets...................$21,000
   
   Total............................................$81,000

The above estimates are based on the cost of erecting these structures in the United States, at current American materials and labor costs—a yardstick used by the Engineer Office for comparative purposes.
VI. LOGISTIC SUPPORT

A. Colonel Bing, Commanding Officer, 34th Infantry Regiment, now stationed at Sasebo, has informed the FMIB informally that he foresees no objection to the establishment of FMIB at Sasebo from a logistic point of view. Colonel Bing desired that FMIB personnel should be housed and messed in the same areas as 34th Infantry troops and that FMIB's requirements should be integrated with his own.

B. A memorandum is attached setting forth the understanding of Central Intelligence Group that, in accordance with arrangements made with the War Department, all services and materials furnished by the Army for the FMIB project are on a reimbursable basis, under the provisions of WD Letter AGAO-S-O-M-400 T3, 23 October 1946: Supplies

/s/ Julian Behrstock
/s/ JULIAN BEHRSTOCK
Chief, Pacific Bureau, FMIB

A True Extract Copy:

E. M. ALMOND
Maj Gen GSC
Deputy Chief of Staff
SECRET

GENERAL HEADQUARTERS
FAR EAST COMMAND
Military Intelligence Section, General Staff

MEMORANDUM TO THE CHIEF OF STAFF:

21 July 1947

SUBJECT: Establishment of Foreign Broadcast Information Branch Monitoring Station in Japan.

1. The Foreign Broadcast Information Branch (FBIB), a unit of the Central Intelligence Group (CIG) has, since 1940, monitored foreign broadcasts through the use of monitoring stations at Silver Hill, Maryland; Portland, Oregon; Kauai, Hawaii; Cairo, Egypt; and a unit attached to the British Broadcast Company (BBC) in London, England.

2. The material thus obtained is transmitted to CIG, Washington for the use of the State and War Departments and other interested agencies.

3. Authorized by radio 067774 (Incl. 1) the FBIB established a temporary station in Tokyo, Japan and have conducted reception tests in the Far East to determine the best possible location for a permanent monitoring station. The Tokyo station now monitors all Soviet and Korean broadcasts in Korean, some of the Soviet broadcasts in Japanese and certain Indonesian and Chinese broadcasts, furnishing this material to CIG for Washington dissemination and to G-2, FEC. Tests have established that the best Far East coverage can be obtained by a station located at Sasebo, Kyushu, Japan.

4. Establishment of a permanent station will require construction of three (3) buildings with total floor area of 5,000 square feet; logistic support for an initial complement of fourteen (14) and probable increase to twenty (20) U. S. Civilians; six (6) dependent housing units, billets for single persons, post exchange and commissary privileges; minor items of Japanese construction and teletype facilities for the transmission of twenty thousand (20,000) words per day from Sasebo to Washington (Incl. 2).

5. This study (Incl. 2) has been coordinated with interested staff sections with the following results:

G-4: While all services and materials furnished by the United States Army for the proposed project are on a reimbursable basis, the cost of construction and supplies furnished from Japanese sources are chargeable to the cost of occupation. Funds allocated in the Japanese budget for FY 1947 do not provide for this construction which will make it necessary to eliminate some other previously planned construction of equivalent cost. G-4 concurs in construction subject to command decision according priority to this project.

G-1: Concurs provided no increase in strength of G-2 is required and subject to provision that command decision assigns priority to this project.
CSO: Chief Signal Officer can provide the necessary teletype services and if project is approved will make necessary arrangements with FEIB for transfer of FEIB funds in the appropriate amounts to defray costs.

G-2: While cognizant of the value of FEIB monitoring results, G-2 feels that approval of the proposed project should be contingent upon determination of the permanency of the station. This is a matter which will not be settled until the signing of the peace treaty. General Sibert of CIG will arrive in this theater on or about 17 July 1947 to confer on this subject. (See Radio WAR80706)

6. It is therefore recommended that:

a. This matter be held in abeyance pending the arrival of General Sibert.

b. Approval of any construction for a FEIB monitoring station at Sasebo be contingent upon the permanency of the FEIB operations in Japan.

3 Incls:
1. Radio CX6777½ (reading copy)
2. Check Sheet, subj: Establ. of a Radio Monitoring Station at Sasebo, Japan
3. FEIB Study dated 5 May 47, w/4 Incls

C. A. W.
SECRET

READ BY COPY

FROM: CINCPAC

TO: HQDCSA

INFO: ARMIDPAC CX67774

ARMIDPAC

Received WX 96965 and WX 98315 and curads WX 64227 and WX 64681: Mr. Behrstock, Chief, FEIS Pacific Bureau, has requested office space for three employees who will review, re-edit, condense and transmit domestic radio material. He has further requested necessary appurtenances for these offices and transportation for members of his party in Tokyo. The office space, materials and furniture can be provided. This personnel can be housed and messed in present Army billets. In view of shortage of motor transportation, recommend that necessary motor vehicles be procured by FEIS from other sources and shipped to this theater for their use throughout the theater.

Mr. Behrstock has requested that two engineer parties of two men each be sent from Hawaii, one to Tokyo and one to the Philippine Islands to study the requirements for the establishment of intercept stations to be located in the vicinity of Tokyo, Japan and Clark Field, P.I. Accommodations can be provided for these engineer parties. Should these engineers recommend the establishment of intercept stations at the sites mentioned, we must be informed of the type and amount of construction necessary, materials needed and what arrangements will be made for the procurement of labor and labor supervision. We must further be informed as to what housing facilities will be required for employees at intercept stations. Satisfactory housing facilities are extremely limited in Japan. Construction may be necessary.

FEIS has requested teletype traffic capacity of 40,000 word groups from Tokyo to the U. S. daily. This request cannot repeat not be met. The ACAN system in the Pacific can accommodate for 25,000 word groups from Tokyo and 5,000 from Manila daily, at a cost of approximately $25,000 per annum, provided there is no repeat no substantial increase in current military traffic. High speed trans- mission cannot repeat not be guaranteed.

The domestic radio material currently available to FEIS would be only chain broadcasts of Tokyo, presently censored and precensored by this headquarters and summarized in daily consolidated operations and intelligence reports. These reports give a competent summation of intelligence to WD.

Reference responsibility to theater authorities; Intelligence evaluations and comments are to be coordinated with the theater G-2.

OFFICIAL:

J. B. COOLEY
Colonel, AG
Adjutant General

APPROVED BY:

C. S. MYERS
Colonel, G.S.C.
Exec. Off., G-2

READ BY COPY

SECRET
**SECRET**

**GENERAL HEADQUARTERS**
**FAR EAST COMMAND**

**CHECK SHEET**

(Do not remove from attached sheets)

Establishment of a Radio Monitoring Station
at Sasebo, Japan.

File No:

<table>
<thead>
<tr>
<th>Note No.</th>
<th>From:</th>
<th>To:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>G-1</td>
<td>CSO</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>G-Z</td>
<td></td>
<td>26 Jun 47</td>
</tr>
</tbody>
</table>

(In turn)

1. G-1 concurs in Paragraph 3, C/N No. 1, and Paragraph 3, C/N No. 2, provided no increase in currently authorized strength of G-Z is necessitated by this project.

2. Personnel referred to in Paragraph C, Section IV, Memorandum for Chief of Staff, subject: "Establishment of Radio Monitoring Station in Japan," dated 25 April 1947 (Tab B), are subject to current clearance procedures and to applicable regulations governing conduct and control of personnel in Japan.

2 Incls: n/c

<table>
<thead>
<tr>
<th>From:</th>
<th>To:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sig 0</td>
<td>G-2</td>
<td>3 July 1947</td>
</tr>
</tbody>
</table>

1. The Signal Officer will be able to provide teletype communications circuits for FBIB comparable to those now being provided for military activities in Japan. These teletype circuits subject to interruption beyond our control as is normal in any communication system. Teletype service between FBIB's intercept station in Sasebo and FBIB Headquarters in Tokyo will be provided with no limit as to number of word groups on this circuit. Teletype service will also be provided between the Headquarters, FBIB, Tokyo and the GHQ Signal Center. GHQ Signal Center will act merely as a relay point for relaying traffic from FBIB Headquarters in Tokyo to Washington, D.C., with volume not to exceed 20,000 word groups per day. Although the original agreement called for only 15,000 word groups per day to the U.S. from Tokyo, it is noted that FBIB proposes to eliminate the 5,000 word groups per day originally planned for transmission from Manila, P.I., to the U.S. and to add that amount to the Tokyo-U.S. load. This is satisfactory to the Sig 0.

SECRET

SECRET

AFFAC AGO Form No. 37
Establishment of a Radio Monitoring Station at Sasebo, Japan. (cont'd)

From: Sig O
To: G-2
Date: 3 July 1947

2. Due to the large volume of traffic to be handled, necessitating additional personnel and equipment, arrangements for the transfer of funds in appropriate amounts will be made with FEBE subsequent to the provision of services requested. This is in accord with the original estimates and statements made by the Sig C, FMC, and appears to be recognized in Tab A, paragraph 4 and in Mr. Behrstock's memo to C/S, 5 May 47.

2 Incls: n/c
GENERAL HEADQUARTERS
FAR EAST COMMAND

CHECK SHEET

(Do not remove from attached sheets)

Establishment of a Radio Monitoring Station
at Sasebo, Japan.

File No:

Subject:

Note No.

From: G-4

To: G-2

Date: 12 June 1947

1. Although it is stated in paragraph B, Section VI of attached Memorandum (Tab B) that all services and materials furnished by the United States Army for the proposed project, are on a reimbursable basis, this arrangement applies only to equipment and supplies furnished from the Zone of the Interior. The costs of construction, supplies and services furnished from Japanese sources are chargeable to the cost of the occupation as the activity is conducted by a United States governmental agency.

2. Funds allocated in the Japanese budget for construction for the occupation forces for Japanese FY 1947 do not provide for the construction in Japan of projects not essential to the occupation forces such as the project proposed in the attached study, nor does the construction involved in the proposed project come within the minimum construction requirements forecast made by occupation force commanders as to the essential construction required to meet the minimum requirements of the occupation forces during Japanese FY 1947. If facilities requested in the attached study to establish a radio monitoring station are provided, it will be necessary to eliminate from the construction program projects essential to the occupation forces with the equivalent estimate cost of the proposed project.

3. Considering the foregoing, G-4 concurs in this project subject to command decision that operational requirements and six (6) dependent housing units should be accorded construction priority within Japanese FY 1947 budget funds available for occupation force requirements.

Incl: as indicated

FROM: G-2

TO: G-1

COS

DATE: 24 Jun 1947

CIS/OD: FOE/yo

1. The Foreign Broadcast Information Branch (FBIB), a part of Central Intelligence Group (CIG), monitors foreign broadcasts for news and intelligence. By radio CX 67794, dated 29 November 1946, entry of FBIB into this theater was approved for the purpose of transmission to War and State Department of Japanese domestic radio material and to conduct tests in Japan and the Philippines to determine a suitable location for an intercept station. Certain foreign
**CHECK SHEET**

(Do not remove from attached sheets)

**Establishment of a Radio Monitoring Station at Sasebo, Japan.**

<table>
<thead>
<tr>
<th>Note No.</th>
<th>From:</th>
<th>To:</th>
<th>Date:</th>
<th>CIS/CD:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>G-2</td>
<td>G-1</td>
<td>24 JUN 1947</td>
<td>FOB/yo</td>
</tr>
</tbody>
</table>

Note cont'd:

2. broadcasts, mainly of Soviet origin, are also being monitored. Attached study from Chief, FEIB, contains the results of the monitoring tests and requests establishment of a permanent station at Sasebo, Kyushu, Japan.

3. See radio W 80337, copy attached.

4. G-2 concurs with par 3, Note 1, with the further proviso that, if approved, construction should not be started until the permanency of the station is assured.

4. Request your comment and/or concurrence and return to G-2.

2 Incls:

1. FEIB Study, 5 May 47
2. Radio W 80337, 18 Jun 47

C.W.
3. G-1 concurs in Paragraph 3, G/N No. 1, and Paragraph 3, G/N No. 2, provided no increase in currently authorized strength of G-2 is necessitated by this project.

2. Personnel referred to in Paragraph C, Section IV, Memorandum for Chief of Staff, subject: "Establishment of Radio Monitoring Station in Japan," dated 26 April 1947 (Tab B), are subject to current clearance procedures and to applicable regulations governing conduct and control of personnel in Japan.

2 Incis:

n/c

- - - - - - - - - - - - - - - - - - W.A.E. - - - - - - - - - - - -

4. From: Sig 0 To: G-2 Date: 3 July 1947

1. The Signal Officer will be able to provide teletype communications circuits for FBI, comparable to those now being provided for military activities in Japan. These teletype are subject to interruption beyond our control as is normal in any communication system. Teletype service between FBI's intercept station in Sasebo and FBI Headquarters in Tokyo will be provided with no limit as to number of word groups on this circuit. Teletype service will also be provided between the Headquarters, FBI, Tokyo and the GHQ Signal Center. GHQ Signal Center will act merely as a relay point for relaying traffic from FBI Headquarters in Tokyo to Washington, D.C., with volume not to exceed 20,000 word groups per day. Although the original agreement called for only 15,000 word groups per day to the U.S. from Tokyo, it is noted that FBI proposes to eliminate the 5,000 word groups per day originally planned for transmission from Manila, P.I., to the U.S. and to add that amount to the Tokyo-U.S. load. This is satisfactory to the Sig 0.
Establishment of a Radio Monitoring Station at Sasebo, Japan. (cont'd)

Sig 0  0-2  3 July 1947

2. Due to the large volume of traffic to be handled, necessitating additional personnel and equipment, arrangements for the transfer of funds in appropriate amounts will be made with FBIB subsequent to the provision of services requested. This is in accord with the original estimates and statements made by the Sig 0, FEC, and appears to be recognized in Tab A, paragraph 4 and in Mr. Behrstock's memo to C/S, 5 May 47.

2 Incls: n/c

--------- G.H. ---------
GENERAL HEADQUARTERS, FAR EAST COMMAND
ADJUTANT GENERAL'S OFFICE
RADIO AND CABLE CENTER

INCOMING MESSAGE
SECRET

FROM: WAR (WDGCI)
TO: SCAP
NR: W 80337

18 Jun 47

1. In memorandum dtd 5 May 47 addressed to your COS,
Mr. Julian Lehrstock, Chief Pacific Bureau, Foreign Broadcast
Info Br, Central Intelligence Gp, recommended establishment
of an FBIB monitoring sta at Sasebo which is considered an
urgent project.
2. Before proceeding further with planning require-
ments, it is necessary that we have your comments and
approval as soon as practicable.

NO SIG

ACTION: C-2

17324 URGENT
TOC: 172050 Z
MCN: 5A 217/17

"Paraphrase not required. Handle as SECRET correspondence
per para 51 1 and 60 a (4) AR 380-5."

SECRET

COPY

COPY

COPY
MEMORANDUM FOR THE CHIEF OF STAFF:

I. THE PROBLEM:

Establishment of a Foreign Broadcast Information Branch monitoring station at Sasebo, Japan, for intercepting Far Eastern radio broadcasts, the most significant intercepts to be dispatched to Washington, D.C., the full output to be made available to General Headquarters, Far East Command.

II. FACTS BEARING ON THE PROBLEM:

a. Director of Central Intelligence Group informed Director of Plans and Operations, War Department, that Chief, Pacific Bureau, FBIB has been instructed to advise C-in-C, FVE, on establishment of a monitoring station, after conclusion of engineering surveys. (Tab A)

b. Radio reception tests have been conducted at Clark Field, P.I., and, in Japan, at 01, 25 miles from Tokyo; Fukuoka; and Sasebo. (Tab B, Section II).

c. Reception tests demonstrated that Sasebo is strategically situated for the monitoring of Far Eastern radio broadcasts. From this site all vital broadcasts are within range, obviating the need for a supplementary post in the Philippines. (Tab B, Section III, Tab C).

d. Establishment of a monitoring station at Sasebo will require: (1) radio teleprint transmission facilities for 15,000 words daily, Sasebo to Washington; (2) buildings to be constructed at Sasebo with total floor area of 5,000 square feet; (3) logistic support for 14 and possible increase to 20 U.S. civil service employees, including housing for six families and BOQ's for eight single persons in the housing area of the 34th Infantry Regiment, at Sasebo; (4) employment of 15 foreign and/or Japanese nationals, mainly as linguists. (Tab B, Section IV).

a. All War Department materials and services furnished FBIB are, by WD letter 23 October 1946, on a reimbursable basis. (Tab A, par 4)

III. DISCUSSION:

a. FBIB, now a part of Central Intelligence Group, has been the foreign broadcast monitoring arm of the Government since 1940. It operates stations in Maryland, Oregon, Hawaii, Egypt and England. (Tab B, Section II)

b. Broadcasts monitored at the Sasebo station will form a part of worldwide coverage, disseminated by daily reports and wire services among civilian and military services of the Government. (Tab D)

IV. RECOMMENDATION:

a. Recommend establishment of FBIB monitoring station at Sasebo.

[Signature]
Julian Beirstock
Chief, Pacific Bureau, FBIB

CONFIDENTIAL
TAB A: Memo from CIG to War Department
SECRET

MEMORANDUM FOR THE DIRECTOR OF PLANS AND OPERATIONS, WAR
DEPARTMENT

Subject: FBIS Operations in the Pacific Theater

1. This is in reply to your memorandum of 5 December 1946 on the above subject.

2. Mr. Julian Behrstock, Chief, FBIS Pacific Bureau, has been instructed by CIG to advise the Commander-in-Chief, Army Forces, Pacific, of the necessary requirements for the establishment of a foreign broadcast monitoring station in either Japan or the Philippine Islands, or both. These requirements cannot be stated, however, until after the completion of the engineering surveys which are in progress at the present time. It is anticipated that final recommendations can be made by Mr. Behrstock on or about 1 February 1947.

3. The allowance of 15,000 word groups from Tokyo and 5,000 word groups from Manila daily over Signal Corps facilities will be adequate for FBIS purposes for the remainder of fiscal year 1947. On 1 July 1947, it will be necessary to review the wordage available from the FBIS stations in the Tokyo area to determine whether the 15,000 word daily allowance is adequate for the fullest exploitation of the material intercepted.

4. It is our understanding that the FBIS operations in AFFRAC will be serviced in accordance with War Department AGNC-S-D-M 400 TS 23 October 1946, Subject: Supplies and Equipment for CIG. To the extent that AFFRAC cannot provide the necessary supplies and equipment, Mr. Behrstock will request such materials and equipment from CIG, Washington.

FOR THE DIRECTOR OF CENTRAL INTELLIGENCE:

00/FB
cc: Executive Registry
    Central Records (2)
    Gen. Sibert (2)
    Return to Director, FBIS
    Stayback

12/12/46

E. K. Wright
Colonel, GSC
Executive to Director

This is a certified true copy.

Frank O. Blake
0-234136
Lt. Col., Inf.
TAB B: FBI report on Radio Monitoring Station in Japan
MEMORANDUM

TO: Chief of Staff  
    General Headquarters  
    Far East Command  
    APO 500

SUBJECT: Establishment of Radio Monitoring Station in Japan

I. THE PROPOSAL

To establish a monitoring station at Sasebo, Japan, for the purpose of intercepting radio broadcasts from East Asia and the adjacent Western Pacific Areas; the most significant information in these broadcasts to be dispatched to Washington, D.C.; the full output of the intercept station to be made available to Headquarters, Far East Command.

II. THE BACKGROUND

Foreign Broadcast Information Branch since 1940 has monitored foreign broadcasts for news and intelligence desired by the Armed Forces and the Government. First a part of the Federal Communications Commission, then of G-2, the service was taken over by Central Intelligence Group in July 1946. FEIB, with headquarters at Washington, D.C., operates intercept stations at Silver Hill, Md., Portland, Ore., Kauai, T.H., and Cairo, Egypt, and has a unit attached to the British Broadcasting Corporation's listening station near London.

FEIB stations in Oregon and Hawaii are too distant for satisfactory reception of many key Far Eastern Broadcasts. Hence Central Intelligence Group directed FEIB to explore the possibility of establishing a station in the Philippines and/or Japan.

With the approval of GHQ, FEIB, FEIB radio engineers conducted reception tests at Clark Field, P.I., and Oi, Japan, reports on which have been submitted to the Assistant Chief of Staff G-2. Briefly, the tests at Oi, a village 27 miles northwest of Tokyo, proved that that location is not adequate because of three obstacles to good reception: (1) interference from domestic broadcasting stations in Japan; (2) mountain barrier to the west and (3) ground-wave attenuation occurring between Oi
and the stations to be monitored in Asia.

From Clark Field, Luzon, tests results foreshadowed good coverage of the Far East, with the possible exception of Indonesia. However, year round short-term static disturbances, as well as predictable seasonal ones—a concomitant of the tropical location—were recognized to be a serious limitation to the establishment of a major monitoring post in the Philippines.

All signs pointed to Kyushu as theoretically the most promising area for a listening station. Accordingly, the engineering team in the Philippines joined up with that in Japan and proceeded first to Fukuoka, then to Sasebo for a thorough-going test of reception from that vantage point.

Meantime, pending conclusion of the tests and establishment of a station, interim monitoring had been commenced in the Tokyo office of FEIE. Certain key broadcasts from Moscow to Japan, as well as a few other broadcasts not audible to the FEIE station in Hawaii, were monitored in Tokyo. However, this was at best a limited arrangement, the noise and other disturbances attendant upon radio reception in any large city being prohibitive to the monitoring of all but the most powerful signals.

III. RESULTS OF THE SASEBO TESTS

Data gathered at Sasebo demonstrated that this most westerly area of all the main islands of Japan is very strategically situated for monitoring of the whole of East Asia and the Pacific Islands. Tests were held on the Ishidake property, a piece of land 15 acres in extent, situated three and a half miles southwest of the Headquarters building of the 34th Infantry Regiment, in Sasebo. A billeting area for the Japanese Navy during the war, the Ishidake site belongs to the Japanese Government but is not at present utilized.

Exhaustive investigation in Sasebo, with the assistance of the Regimental Commander and Military Government, had failed to turn up any suitable building in the city proper to house the FEIE operation. Technical considerations (freedom from city noises, adequate space for antennas) demanded, in any event, that the intercept function should be set up at Ishidake. Thus, centralizing the entire operation at Ishidake presented distinct advantages in economy of construction and operation.

Technical advantages of the Ishidake site are: unobstructed overwater path south, west and northwest for signals from all strategic areas; mountains to the east and northeast offer a rearward barrier to interference from the Japanese domestic radio and the Armed Forces Radio Service; an adequate extent of level land is available for erection of antennas.

The attached reports offer a detailed analysis of what the Engineers observed and heard at Sasebo. Summarizing their results, broadcasts
from the following areas are within range:

1. Australia
2. Burma
3. Ceylon
4. China (nearly all the many stations in all sectors of China, including Formosa and the several transmitters in the Communist Area).
5. Dutch East Indies (Celebes, Java, Borneo, Sumatra).
6. Indo-China (French Government-controlled and Insurgent).
7. India
8. Iran
9. Korea (all broadcasts from the southern as well as northern zones, the latter comprising at least three broadcasts daily).
10. Malaya
11. Philippines
12. Siam
13. Soviet Union (all Moscow broadcasts to China, Japan, Korea, and other Far Eastern areas, Soviet Home Service and the important regional broadcasts in the Soviet Far East).

Although originally it was believed that, in addition to a major station in Japan, a supplementary post in the Philippines might be required to cover broadcasts from Southeast Asia and the Dutch East Indies, it will be noted that results at Sasebo proved broad enough to encompass the entire area. No secondary station in the Philippines will be needed. It is the unanimous opinion of the technicians who conducted this experiment in radio reception that Sasebo is a particularly desirable location for a Far East monitoring station.

IV. RECOMMENDATION AND REQUEST FOR FACILITIES

It is recommended that at the earliest possible date a monitoring station be established at Sasebo for operation by the Foreign Broadcast Information Branch.

To accomplish this project, the following facilities will be required and are hereby requested:

A. Procurement and Construction

1. Procure the Ishidake site from the Japanese Government.
2. Clear the property and dig up and remove all underground metal pipe (to prevent false alignment of incoming signals).
3. Erect the following all-weather buildings, according to plans to be furnished:
   (a) Main operations building: floor space, 3,000 square feet.
   (b) Shop and storage buildings floor space, 800 square feet.
   (c) Mess hall: floor space, 1,200 square feet.
4. Bury two feet underground the electric power, telephone
and water lines leading into site.

5. Assist in erection of antennas and relocate the power line that runs through the site.

6. Improve the road from the Sasebo shipyard area to the site (about three miles) to make it an all-weather road.

B. Communications

1. Provide reliable communications for 15,000 words daily from the Ishidake site to the GHQ Signal Center, Tokyo, and for 200 words daily from Tokyo to Ishidake; the 15,000 words of intercepts to be relayed by the GHQ Signal Center to the United States. With 5,000 words daily to be filed from Tokyo, this represents the 20,000 words daily of outgoing traffic allocated to FEIB by the Chief Signal Officer, FEC, last November.

C. Personnel

Building up of the station has been divided into three phases, as follows:

Phase One: Period of construction of station plus three months: number of personnel, 14.

Phase Two: Enlarging the staff as the station proves a sound venture and as radio reception remains consistently excellent Phase One plus three months: estimated number of additional personnel, 6.

Phase Three: It is contemplated that the rich supply of Far Eastern linguists among foreign nationals resident in Japan will be utilized to full advantage as translators. Initially, these foreign nationals would be employed under the SCAP arrangement by which the U.S. Government is not responsible for payment of salaries. If their services are required permanently as some future date foreign nationals of proved competence and trustworthiness might be placed on the FEIB payroll.

Phases Two and Three are outside the sphere of immediate consideration. Phase One will require:

1. Invitational orders for 14 civilians to proceed, in increments of two or three, from Hawaii to Japan for permanent duty.

2. Housing for 14 civilians at Sasebo, as follows:
   (a) Two field grade type of dependent houses.
   (b) Four company grade type of dependent houses.
   (c) Eight single employees' billets.
V. CONSTRUCTION COSTS

Engineer Office, GHQ, FEHQ, estimates the cost of construction for FEHQ operations and housing at Sasebo as follows:

A. Operations buildings (Section IV-A above): $114,000. (Floor plan of main building attached.) This estimate is based on the assumption, in which G-4 and the Engineer Office concur, that the Japanese Government may be expected to clear the Ishidake site in order to salvage the construction materials thereon. This is, in any event, the intention of the Japanese Government, which desires the materials for emergency housing.

B. Personal housing (Section IV-C-2 above):

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 dependent houses</td>
<td>$60,000</td>
</tr>
<tr>
<td>3 single employees' billets</td>
<td>$24,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$84,000</strong></td>
</tr>
</tbody>
</table>

The above estimates are based on the cost of erecting these structures in the United States, at current American materials and labor costs—a yardstick used by the Engineer Office for comparative purposes.

VI. LOGISTIC SUPPORT

A. Colonel Bing, Commanding Officer, 34th Infantry Regiment, now stationed at Sasebo, has informed the FEHQ informally that he foresaw no objection to the establishment of FEHQ at Sasebo from a logistic point of view. Colonel Bing desired that FEHQ personnel should be housed and messed in the same areas as 34th Infantry troops and that FEHQ's requirements should be integrated with his own.

b. A memorandum is attached setting forth the understanding of Central Intelligence Group that, in accordance with arrangements made with the War Department, all services and materials furnished by the Army for the FEHQ project are on a reimbursable basis, under the provisions of WD Letter AGAO-S-D-M-400 TS, 23 October 1946: Supplies and Equipment for CIG.

Julian Behrstock
Chief, Pacific Bureau, FEHQ

Attachments:

(a) Two copies, "Report on Reception Test at Ishidake Site, Sasebo, Japan."

(b) Memorandum from CIG to WD, "FEHQ Operations in the Pacific Theater."

(c) Floor plan of projected FEHQ operations building, Sasebo, Japan.
SUE: Establishment of Radio Monitoring Station in Japan

Concurrences:

G-1 Concurs
G-2 Concurs
G-4 Concurs
CSO Concurs
BO Concurs
Eighth Army Concurs
NOTE: A Monitor may tune in his own program on the receiver (from radio frequency signals fed to the receiver) or have it fed to him (as an audio frequency signal) from the Central radio Position.
TAB C1 Report on 
Ishidake Site. 
Sasebo
CONFIDENTIAL

CENTRAL INTELLIGENCE GROUP

FOREIGN BROADCAST INFORMATION BRANCH

PACIFIC BUREAU

March 20, 1947

REPORT ON RECEPTION TEST

MADE AT THE

ISHIDAKE SITE, SASEBO, JAPAN

CONFIDENTIAL
CONFIDENTIAL

I. Introduction

After reception conditions were found unsatisfactory at Oi (27 miles north-west from Tokyo), it was decided that the next reception test should be made at some site in Western Kyushu. Reception conditions at Oi were representative of what could be expected at any location in east-central Honshu. It was necessary to go as far west in Japan as possible to avoid the undesirable conditions found at Oi.

A non-technical preliminary search had already been made in the Fukuoka area of Kyushu by FEIB personnel. It was found that probable sites existed on the peninsula north-west of Fukuoka where the 24th Division Artillery unit is stationed.

Accordingly, orders were obtained for a three-man FEIB radio engineering team to proceed to the Fukuoka area.

A two day search of the Fukuoka area failed to disclose a site worthy of serious consideration. Monitoring on the peninsula on a temporary antenna revealed so much local noise and power line interference that any further tests there would have been a waste of time.

Discussions with the Commanding Officer of the 24th Division Artillery and with a representative of the 24th Division Signal Office in Fukuoka disclosed that the same overall conditions of housing and communications necessary for a FEIB operation existed at Sasebo as existed at Fukuoka. It was decided that the Sasebo area be explored for a site.

At Sasebo, with the aid of topographical charts of the area, a number of prospective sites were spotted. During an inspection on February 17 and 18, 1947, four sites were picked for consideration. The following process of elimination led to the selection of the Ishidake site for tests:

A. Ainoura Drill Field. This is probably the largest piece of clear low-level land in the Sasebo area. It is large enough for all antennas that would be needed by FEIB. It is very little above sea level. During heavy rains most of this area is flooded, yet it is dry during most of the year. Disadvantages of the site were: 1. It is too close to the ocean and to a high voltage power line, salt spray on which would be the probable cause of a great amount of interference to medium wave reception; 2. During wet seasons Beverage wave antenna action would be lost due to the high conductivity ground under the antennas; 3. The 34th Infantry Regiment wants to use the area for a physical training obstacle course and objects to any poles being erected in the area.

B. Air Strip at the former Japanese Naval Air Station. Although there is ample room at this site on perfectly flat land for all required antennas, there is considerable indefiniteness in its availability for FEIB's use. Since it is the only air field near Sasebo, it might at any time be reopened as an active fighter strip. Also, there would be considerable interference from ships in the harbor and from industrial noise from Sasebo.
A much needed Beverage wave antenna would be directed at Sasebo if the
site were used. Finally, the high mountains to the west and northwest
would be a disadvantage to medium wave and low angle short wave reception.

C. Former Japanese Naval Radio Station on Maio Island. This site,
from a technical standpoint, would be the best one for FHEB's monitoring
work, were it not for two disadvantages: 1. Five of thirty-eight war-time
transmitters are still operated there (two of them for Allied Occupation
purposes, three for Japanese operations); 2. The site is too far from
the probable housing area in Sasebo -- about twenty miles via poor roads.
The advantages would have been: 1. There are on the site three massive
concrete towers about 500 feet high, from which many fine short wave antennas
could be erected; 2. There is sufficient flat or relatively flat land for
all other needed antennas; 3. There is an underground building in good
condition on the site. It is large enough for all of FHEB's operational
needs; 4. There are no land obstructions to any signals FHEB would want
to receive at the site.

D. The Ishidake Site. This site is located about three and one-half
miles southwest of the 34th Infantry Regimental Headquarters Command Post
and about four and one-half miles from the permanent dependent housing area,
now being built in Sasebo. It is at an elevation of about 300 feet. It
consists of an area of about fifteen acres of relatively flat land and has
adjacent to it areas sufficiently flat for erection of the rest of the an-
tennas that would be needed for the proposed FHEB monitoring station. There
is no high land obstruction between the site and any direction from which
FHEB would want to receive signals. A peak to the northeast will be a
shield against city noises from Sasebo and broadcasting stations from that
direction of Japan.

Although released to the Japanese Home Ministry, the site is still
available. The Chief of the Sasebo Military Government has directed the
Japanese Home Ministry representative in Sasebo to set aside the site for
probable procurement by the United States Government.

The Ishidake site was selected as a test site because it looked the
most promising in expected results and in availability. Our decision to
test at that site was presented to the Commanding Officer of the 34th Infan-
try Regiment and through him and the Chief of the Military Government Team
in Sasebo, arrangements were made for transportation and for Japanese labor
to prepare the site for the tests.

II. Present Physical Characteristics of the Ishidake Site.

The Ishidake site is a former Japanese Navy Civilian construction
engineers billeting area. On the site are still located about thirty frame
buildings of various sizes and in various stages of disrepair. There are
twelve large two-story barracks, each about 80 feet wide and 150 feet long,
six single story mess halls about the same size as the barracks, eight
small single story Japanese family type houses, a stripped heating plant
and a few odd small sheds. All buildings have been stripped of all fixtures, all glass windows are broken, many roofs are totally ruined and not a single one of these buildings can be of any value except for building materials which might be salvaged for necessary construction.

All construction is very light and not a single room in the whole area could be found which would hold heat so that it could be used during the test period.

The Japanese had constructed many open concrete water tanks in the ground to hold water for fire fighting purposes. Most of these stand full of water at present.

Water for the installation comes from the city of Sasebo via a three-inch iron pipe. Although the line is shut off at Sasebo at present, the 34th Infantry Regiment Engineers informed the writer that water is available and flow can easily be restored. An underground water system distributes water to the various concrete tanks, to the mess halls and to the washrooms and baths.

The latrines are open pits, now standing full of water, under the rear end of each of the twelve large barracks buildings. The arrangement is very unsanitary.

A 3300 volt A.C. power line runs through the center of the site. The line is alive and now furnishes power to an Occupation Forces operated gravel crusher located about a mile beyond the site. All but one transformer on this line on the site have been removed. Most of the buildings on the site had been disconnected from the line by removal of the transformers, and the remaining buildings were disconnected from the line by removal of the high voltage fuses on the pole supporting the remaining transformer. The one remaining transformer was found to be in good working condition and was used to furnish power for the reception tests.

A multiple-pair lead-covered telephone cable runs overhead on wooden poles from the Sasebo shipyard area into the site. It appears to be broken in a few places, but could easily be repaired.

The land rises sharply about 100 feet on the northeast side of the site. This provides a partial natural barrier to electrical noises from the city and harbor areas of Sasebo and presents no difficulties to reception from Asia. The mountains on the east and north east provide additional barriers to unwanted signals from Japan. The site is entirely open and unobstructed to the south, west and northwest, providing a clear unobstructed path of approach for all signals which FBIB wishes to monitor at this location.

III. Test Conditions

Selection of a site for a monitoring station involves many factors, all but two of which can be determined satisfactorily without actual monitoring. The factors not requiring test are availability of the right type
of land; satisfactory surroundings; availability of utilities, near by housing and communications; and the superficial appearance of interference conditions. However, only careful and systematic monitoring will determine; 1. Whether the signals one desires to monitor can be heard with a satisfactory strength, and 2. Whether local and area interferences can be discounted.

Reception tests conducted at Oi, Japan and at Clark Field, Philippine Islands had pointed to the possibility of satisfactory results at a site in Western Kyushu. The following specific factors remained to be determined at a chosen site: 1. Could Chinese medium wave stations be heard satisfactorily with unidirectional antennas? This might be put in another way; Could unidirectional antennas at Ishideka, pointed at Asia reduce the signals received from Japan to such a degree that Chinese medium wave stations could be monitored satisfactorily?; 2. Could short wave stations from the southwest Pacific area be heard there satisfactorily?; and 3. Would local conditions at Ishideka permit good reception on the stations which were heard satisfactorily at points in Japan where reception tests had already been made? If the results of reception tests gave an affirmative answer to these questions, FEIB could monitor all of the western Pacific broadcasting stations from one monitoring station - at Sasebo, Japan.

Answers to the first two questions above, could be determined only if test antennas were directed at the specified areas and if they were as unidirectional as possible. No special efforts would have to be taken to obtain an answer to the third question. Beverage wave antennas terminated properly and directed at the desired areas would give the answer as far as medium wave reception was concerned. Rhombic antennas or Sloping - V antennas would be needed on short wave. However, as considerable time would be required to construct these short wave antennas, a compromise was made by using bidirectional antennas and interpreting the results -- that is, determining what direction interference was coming from, front or back of the antennas. This was not always possible, but if the signal strength of the desired station was satisfactory under test conditions, it is known that it could be made much better with the right kind of permanent antennas. Also, in using unidirectional antennas in the final installation, much code interference that was heard on the test antennas would be eliminated. All of these factors were to be taken into consideration in finally assessing the test data.

In actually setting up the test antennas, other approximations had to be made. Considerable time could be saved by deviating somewhat from desired directions -- using existing supports for test antennas. This had to be done in almost every case, but the differences between the desired antenna bearings and the actual bearings of the test antennas were small enough to still give the right results.

The test antennas used had the following bearings in degrees from true north. The intended coverage is also indicated.
<table>
<thead>
<tr>
<th>Antenna</th>
<th>Bearing</th>
<th>Directivity</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Beverage</td>
<td>312°</td>
<td>Unidirectional North China, Korea, Manchuria.</td>
</tr>
<tr>
<td>b.</td>
<td>&quot;</td>
<td>284°</td>
<td>&quot;</td>
</tr>
<tr>
<td>c.</td>
<td>&quot;</td>
<td>244°</td>
<td>&quot; Central China</td>
</tr>
<tr>
<td>d.</td>
<td>Doublet</td>
<td>94°/274°</td>
<td>Bidirectional South-central China</td>
</tr>
<tr>
<td>e.</td>
<td>&quot;</td>
<td>121°/301°</td>
<td>&quot; Central China</td>
</tr>
</tbody>
</table>

Because of limitations in construction, all of the test antennas were broad in directivity and the Beverage wave antennas functioned only partially unidirectionally.

A small and reasonably intact room on the ground floor in one of the barracks buildings was prepared for the tests. Electric power was brought in from the transformer previously mentioned. All buildings were disconnected from the transformer and power was brought directly into the test room, as a precaution against a short circuit and to eliminate the possibilities of "poor wiring" noises from interfering with reception.

All antenna lead-ins were brought into the monitoring room through porcelain tubes and were terminated in a switching panel for ease of antenna selection during monitoring operations.

The receivers used were two Hallicrafters SX-28's of normal sensitivity and selectivity. Both functioned normally in all respects during the tests.

A SCR-221-N Frequency Meter was used for calibration of the receivers and for measuring frequencies of stations monitored.

Although the voltage of the electric power supply was only 100 volts A.C., it proved adequate for the tests. Two 2000 watt electric heaters were used to heat the test room. The maximum demand on the power source was about 4800 watts through a 10,000 watt transformer, from which only the test project drew power.

The monitoring schedule had to be arranged to fit the availability of transportation and mess facilities of the 34th Infantry Regiment. The monitoring schedule covered the periods shown below -- all times in JUT:

| 0730 - 1135 | One man |
CONFIDENTIAL

1300 - 1735
One man; usually the same man.

1855 - 0015
Two men.

At 0730, February 26, 1947, regular test observations began. These were carried on through 0015 on March 10, 1947.

IV. Results of Reception Tests.

The results of the reception test conducted at the Ishideke site will be presented in three parts, as follows:

A. Statement of Results.
B. Appendix A - Station Notes and Observations.
C. Appendix B - Log of Reception Ratings.

The "Station Notes and Observations" (Appendix A) was prepared by Mr. Kriebel. The "Log of Reception Ratings" (Appendix B) was prepared by Mr. Oshita from the original logs composed by Mr. Kriebel and kept by all three observers during the tests.

Statement of Results

Prior to beginning regularly scheduled observations, monitoring had disclosed that a number of stations were being heard very consistently at Ishideke. To save time, these unquestionably monitorable stations were omitted from the test schedule so that the small test staff could devote every moment to less consistent and less known stations. Accordingly, the test monitoring logs will show few, if any, observations on the following stations, which are heard at the test site with very good or excellent signal strengths:

- Ceylon on shortwave
- Chungking on shortwave
- Delhi Far Eastern Service on shortwave
- Khabarovsk on short wave and medium wave
- Konosmolok on short wave and medium wave
- Nanking on short wave and medium wave
- Petropavlovsk on short wave
- Pyongyang on short wave
- Seoul on medium wave
- Singapore Far Eastern Service on short wave
- Shanghai on short wave
- Various short wave transmitters in Australia

A qualified study of Appendix B, "Log of Reception Ratings", will show that, on the whole, reception at the Ishideke site was good to excellent. Even with the limited directional characteristics of the test anten-
nus used, interference from the multitude of Japanese medium wave stations was found to be sufficiently reduced as to be hardly a hindrance to monitoring of Asiatic stations. Well engineered permanent antennas will give much better results.

The following observations may be made:

1. Many short wave stations in China were heard with good results — a somewhat unexpected result, considering that skip-distance affecting many relatively near-by Asiatic short wave stations might have reduced effective monitoring considerably. In fact, practically every country in the Western Pacific can be monitored well, on one frequency or another at the Ishidake site.

2. A considerable amount of code interference is encountered. In going west in Japan to get close to Asia so that weaker Chinese medium wave stations can be heard over Japanese station interference, one also gets within reception range of a great deal of short wave code interference. Although this code interference may at first seem insurmountable, much of it can be eliminated by use of selective receivers, and, in the worst cases, by additionally using selectable sideband filters. A close study of this interference shows that elimination of one or the other of the sidebands of the station it is desired to receive would also eliminate the interference. Often, operation of the receiver in a crystal selectivity position will reduce the interference to a satisfactory degree.

3. The broadcast band was found to be literally crowded with Chinese medium wave stations. Stations were heard at Ishidake in many of the principal cities of China. Over twenty stations were identified to be in Shanghai alone. Many of these stations may hold no monitoring interest for FBIB, but that can be determined accurately only after the schedule of each station is developed fully. So many medium wave stations were heard that, with the time available, little could be done to identify all of them, much less determine their full schedule. Medium wave stations were heard from India and many countries of the Western Pacific, including Australia, Manchuria, Korea, the U.S.S.R., Formosa and the Philippines.

4. Short wave stations were heard with good results from points in Asia as far west as Teheran and Stalinabad, Tashkent, Alma Ata and Purna in the USSR. A monitoring station at Ishidake can easily overlap the coverage of FBIB’s monitoring station in Cairo.

5. Total monitoring results at Ishidake are so satisfactory that it will not be necessary to set up a monitoring station in the Philippines to cover the southwest Pacific. In fact, reception results on Indonesia are far better at Ishidake than they were at Clark Field. Indonesian stations using frequencies below six megacycles are not heard well at Ishidake even during the evening hours. This is probably due principally to their low power. They were heard poorly at Clark Field also. However, the eight, ten and eleven megacycle Indonesian stations are heard well at Ishidake.
6. Poor results were obtained on French Indo-China stations, with the exception of Saigon. This must be due to very low power, as Saigon on frequencies in the same bands was received well. The French Indo-China stations were heard with good signal strength but with poor quality at Clark Field.

7. Brief monitoring of stations transmitting press material indicates that very good results will be had at Iahidake on all stations checked except Yenon. Asiatic code interference prevents equally good results on Yenon. "Anita" and "Antara" press transmissions are heard with good to excellent signals.

8. The only local noise encountered during the tests came directly from the power line furnishing power for the tests. Positive steps can be taken to eliminate this noise in construction of the monitoring station.

9. Under normal conditions, reception of sky-wave signals at frequencies of two to about six megacycles cannot be expected over distances greater than about one hundred miles during the daylight hours of about 0600 to about 1800, local time. This is a general statement covering the fact that the Ionosphere will not provide a transmission path for low short wave frequencies during the day. The signals that are heard on the frequencies given and at the times given are relatively short distances from the transmitters are heard via ground-wave transmission.

V. Conclusions

If proper steps are taken to prepare the site for a monitoring station, if adequate antennas are constructed there and if the required equipment is obtained for the station the Iahidake site can be made into a monitoring station at which FERB can cover a very large percentage of the material available from East Asia and the adjacent Western Pacific areas.

VI. Recommendations

The following specific recommendations are made for the preparation, construction and operation of the Sasebo monitoring station:

A. Preparation

1. Dismantle all structures now on the site.
2. Remove from the site all materials not needed for the construction of buildings required by FERB.
3. Dig up and remove all underground metal pipe. This must be done to assure correct directional action from antennas to be built.
4. Fill in all latrine holes and water pits not needed for the FERB operation. This must be done to minimize the mosquito menace.
5. Remove the power line that runs through the station.
CONFIDENTIAL

site and run it over the hill, behind the site by about one hundred yards, to eliminate the power line noise encountered during the tests.

B. Construction

1. Erect the following all weather buildings to plans to be furnished later:
   b. Shop and storage building - **: 800 **
   c. Mess hall - **: 1200 **

2. Bring electric power, telephone and water lines in to the site at least two feet underground. The power transformer and noise choke coils will be at the high-tension pole line and the secondary voltage line for the operations will be brought in underground.

3. All electric wiring in the buildings will be in bonded conduit which will be grounded well.

4. Erect the poles needed for rhombic short wave antennas and Beverage medium wave antennas.

5. Install grounds needed for all Beverage wave antennas and for the station. These will be "spider web" grounds.

6. Erect and terminate the antennas.

7. Construct adequate transmission lines to bring signals from all antennas into the main operations room.

8. Provide potable drinking water in the operations building and mess hall and adequate water for fire fighting purposes near all buildings.

9. Improve the road that runs from the Sasebo shipyard area to the site so that sedans and station wagons can safely travel over it.

10. Erect barriers to unnecessary automotive travel under the antenna fields, thus reducing ignition interference to a minimum.

C. Operation

1. Construct the main monitoring room so that monitors can, in the large part, tune their own receivers.
CONFIDENTIAL

This will mean that each monitoring booth will have in it a receiver, a transcriber, a recorder, a typewriter and the necessary controls, etc., to fully receive and process programs.

2. Step one will require that the transcribers and recorders be of such construction that they will not interfere with radio reception; that is, recorders and transcribers must have A.C. motors not involving brushes and commutators, which are the source of interference.

3. Install filters into all lines entering the teletype room to prevent the teletype machines from interfering with radio reception.

4. Assure adequate teletype communications to Tokyo. Without adequate and consistent teletype communications, the whole project is of no avail.

5. Provide electric power of about 25 kilowatts at 110/220 volts, assuming that heating of buildings will be accomplished by other than electric means.

6. Setup a full-time cruising position to keep the operating personnel continually informed of the latest transmitter and schedule information. This is particularly needed at Ishinabe, because Asiatic stations change schedules and frequencies often.

Waldemar M. Klina
Chief Engineer, PBIB, Pacific Bureau

Attachments:

1. Appendix A

2. Appendix B

CONFIDENTIAL
Appendix A - Station Notes and Observations

(All times quoted are E.S.T.)

I. Indonesia

In addition to generally improved reception at night of frequencies above six megacycles, several morning transmissions which were not previously heard or known have been uncovered at Sasebo.

"The Voice of Free Indonesia" on 11000 kcs. has a morning transmission entirely in English which is announced as directed to listeners in Australia and New Zealand. It is broadcast at 1730 - 1930 with news at 1745 and 1845 and commentaries at 1815 and 1915. Other programs are musical. The signal fades badly before 1900 but should be entirely audible with a rhombic antenna.

"Radio Republic Indonesia" at Bukit Tinggi, Sumatra, opens its morning broadcast at 1830 with physical exercises; news in Indonesian Malay is heard at 1845 and 1945 and news in English at 1935. Although the whole transmission is heard only weakly on the measured frequency of 12420 kcs., the signal level holds to the close down at 2000 and may be monitorable when picked up with a rhombic antenna.

The Batavia Home Service in Dutch has been inaugurated on station FLS, 10365 kcs., with morning and evening transmissions both being heard well. The former, at 1830 - 2000, includes local news and chat at 1845 and a talk at 1915. The evening broadcast follows the news dictation at 0430 and consists of music and entertainment until 1030 or later.

The 6370 kcs. Batavia Home Service in Indonesian Malay, which has been poorly heard elsewhere from 0700, was received with sufficient improvement to discover that it has daily broadcasts prior to 0700 in Dutch and English. The Dutch portion, at 0530 - 0615, includes news, a short talk and music. The English portion begins at 0615 with a musical program, news at 0630, followed at 0645 - 0700 by a commentary or more music; it could not be determined for whom these programs are intended. Both portions may be vestiges of the old Allied Forces Service formerly on 5455 kcs.

"Radio Omroep Bandung" is heard nightly on the new frequency of 7076 kcs. in the 40 meter amateur band. Reception is fairly good when amateur CW does not interfere. It is believed that this is the transmitter formerly heard on 3015 kcs. and now missing there; like 3015 kcs. the new 7076 also broadcasts on Sunday and Monday while the other two Bandung...
transmitters are off.

"Radio Omroep Meknes" on 9265 kcs. has been discovered with a new morning transmission at 1730 - 1830. News in Dutch is presented at 1735 and in Indonesian Malay at 1810. A few announcements in English are mixed with the intervening music.

"Radio Republic Indonesia" at Soerakarta on 7418 kcs. has its morning transmission at 1730, one hour earlier than previously known. It still will probably not be monitorable as signal strength is extremely low. News in Indonesian Malay at 1800 is barely audible.

"Radio Republic Indonesia" on 7790 kcs. which formerly ended its evening transmission at 0710 has extended it to 0830, including a local talk or speech which usually occurs at 0715. The remainder is musical except for the 0730 news relay from Djokjakarta.

II - China

A - The Shanghai Area

The information uncovered at Luzon concerning the numerous broadcasting stations now active in Shanghai was confirmed and augmented at Sasebo, where Shanghai medium-wave stations are audible (and monitorable) through out the entire day. Transmitters at Shanghai and vicinity were observed on 706, 710, 770, 790, 820, 880, 900, 938, 969, 1010, 1060, 1098, 1120, 1150, 1180, 1200, 1235, 1270(?), 1305, 1360 and 1415 kcs. Not all of them operate continuously from morning to night, but several do. It seems to be a common characteristic for these stations to disapper from the air suddenly, as from a power failure or technical breakdown, and they may not reappear for hours or even days.

(a) The station on 706 kcs. broadcasts variously from 1845/2045 sign-on until 1030/1100 sign-off, and appears to have nothing but music and entertainment, so no time was wasted trying to ferret out its exact identity (many Chinese stations identify themselves very infrequently and not at stated intervals or regular times).

(b) 710 kcs. has become the fourth member of the NORA family. It transmits daily at 2300 - 0400 and 0500 - 1000 and specializes in music and entertainment in Shanghai Dialect, occasionally in Mandarin. One lone news talk in Mandarin is featured at 0545. Signal strength and quality of this transmitter are excellent. It appeared on the air shortly after press dispatches reported Shanghai XNHE, a privately owned station, had been taken over by the Central Broadcasting Administration. For the first few days it operated on 734 kcs., thus identifying it as the same transmitter heard on Luzon and suspected to be XNHE, nominally 720 kcs.

(c) 770 kcs., whose call letters have never yet been heard, was heard
at Luzon on 772 kcs and was recently experiencing oscillator trouble, jumping to 762 kcs, until it vanished from the air altogether. It has returned stable on 770 and broadcasts at 1900 - 1930 with Dialect entertainment mostly.

(d) 790 kcs. is the new channel used by the XGRA English language station which was previously heard from Luzon on 572 kcs, and interference from Matsu- yama, Japan, on 790 kcs is at present prohibitive of monitoring. It is likely that a properly constructed Beverage antenna will eliminate the interference, if the frequency does not change again meanwhile. The present frequency is actually announced as 800 kcs. The program schedule remains as previously listed except that the 0800 news is moved to 0830 on Sundays.

(e) During February the station on 823 kcs. was identified as XLAB, but since March 1st it has been using the call letter XLAB3 and has changed the Chinese name that goes with it, probably indicating a change of ownership. It transmits continuously from 1800 to 2100 and appears to be one of the most important privately controlled stations. The morning news in Shang- hai Dialect and Mandarin is presented between 1930 and 2000. Reception is excellent.

(f) Station XMHK has been heard between 860 and 890 kcs, most often on 880. At the beginning of our test schedule it disappeared from the air and has not been heard since. Signals from XMHK are very strong when it is on the air.

(g) XGRA, 900 kcs, has just reorganized its daytime schedule. It opens earlier, at 1800, and keeping pace with the current Shanghai broadcasting rage, features English lessons at 1920 - 1900, followed by the news in Manda- rin which is also given at 2000. The station goes off now between 0000 and 0330 at 0315 the United Nations Mandarin broadcast is relayed.

(h) On 938 kcs, station XLAB5 holds forth daily 1900 - 2200 and offers good reception through most of this 16 hour schedule, but its programs do not appear to be very worthwhile or interesting.

(i) The station on 969 kcs is a newcomer and has not been positively identified or scheduled because of interference from Seoul and Lanchow most of the time.

(j) XMHK on 1010 kcs returned to the air in early March after a long absence, but has not been heard with any significant material so far. Reception is good.

(k) Station XLAB3, a commercial broadcaster operated by real estate interests, has extended its hours and is now heard 1700/1800 through to 1100/1130. Broadcasts are entirely in Shanghai Dialect except for daily English lessons and occasional Mandarin lessons or entertainment. The location is given as Tientsin Road, Shanghai.

(l) Another new station announced as Shanghai is heard on 1098 kcs with the call letters XFFF. It is heard with two transmissions, one in the morning
at 2000 - 2100 consisting of talks in Mandarin, and the other in the afternoon at 0200 - 0300 consisting of talks in Shanghai Dialect. Reception is generally good.

(m) On 1120 kcs XLAB3 are the call letters heard between 1800 - 0100, during which period English Lessons, western music and a religious talk in English are the chief daily features; at 0100 - 1107 the programs are mostly Chinese entertainment and the call letters XLAB2 have been heard. However, there is no break in transmission at 0100 or any other time, so far as could be ascertained.

(n) 1150 kcs remains unidentified, other than "Shanghai", as the time necessary to distinguish it from another Chinese station on 1145 kcs and Tsingtao on 1150 kcs could not be spared. It has been heard 1850 - 1100 or later.

(o) XLAB2 on 1180 kcs signs on at 1855 and presents the news in Mandarin at 1900 - 1915. Other programs seem to be chiefly in Dialect. It is on the air all day and evening to approximately 1100.

(p) Another of the XLA stations is heard mornings through to late at night on 1200 kcs. English Lessons at 1815 - 1900 were observed but not much information on its schedule has been obtained.

(q) Another station which appears to have changed its call letters March 1 is Shanghai on 1235 kcs. Prior to then XLAB3 was heard, but since then only XLAB2. The daily English lesson period has been extended to 1745 - 1945, which appears to make this station the temporary leader in the Shanghai English lessons marathon. News in Dialect and Mandarin is heard at 2100, and numerous talks in Dialect, occasionally Mandarin, are observed throughout the day and early evening. Chinese popular music the mainstay of the programming. Reception is usually good.

(r) On 1308 kcs XLAB3 (or XLAB5) begins its broadcasting day at 1300 with an hour's talk in Dialect. Musical entertainment in Dialect keeps this station busy until late at night. It is received fairly well most of the time.

(s) XLAB2 on 1360 kcs. transmits from 1330 through to 1100 and deals in all types of Chinese music interspersed with frequent talks of 10, 15 or 20 minutes duration exclusively in Shanghai Dialect. Interference is generally severe.

(t) XLAB3, formerly heard to be XLAB5, usually transmits on about 1415 kcs, but irregularly varies up to 1425 kcs, and occasionally as high as 1440. The program schedule is approximately as before and signal strength remains consistently good.

(u) Completing the revision of XORA schedules and services, the short-wave XORA on 11705 kcs. has been made a straight relay of the 900 kcs. program at 1900 - 2100. It returns to the air at 0258 with the independent program as before.
(v) The American controlled transmitter XHMA, which has been taken over by the Chinese government according to press reports, has disappeared from its normal frequency of 600 kcs. and is quite certainly off the air at present.

B - Other Chinese Medium-wave:

XGOG at Chengtu, 560 kcs., is heard fairly well daily at 0430 - 1025 with broadcasts chiefly in Mandarin, including news at 0500, 0600 and 0915 or 1015. Being a C.B.A. station it also relays the 0800 XGOG news and the 0900 XGOY news.

The Tientsin number one program is heard on XRPA, 620 kcs., entirely separate from the number two program on 1110 kcs. (formerly 1113). Local news in Mandarin is given at 0830, while other newscasts are relays of Peiping, Nanking, Chungking and New York. Transmission time is 0430 - 1000.

XRPA, Peiping #1 on 640 kcs., was heard operating at 1930 - 2030 and 0600 - 1000, but at present has curtailed transmission to 0700 - 1000 only. The 0600 news is now heard at 0700 and a short local period at 0750 is also presented. Reception of this station is perfect, including the morning broadcast when it is on. The XRPA #2 program is also well heard on 250 kcs. at 0400 - 1000, but it is chiefly what is known in Europe as a "light program," and the only periods of monitoring interest are an English broadcast at 0400 and a local news in Mandarin at 0740.

On 660 kcs. Nanking XGOA offers outstanding reception on all broadcasts, day and night. A hitherto unheard noonday broadcast occurs at 2300 - 0030.

The Taiwan transmitter on 670 kcs. continues to prove itself the most reliable station on that island. Reception is very good during the evening transmission, and it is heard occasionally on the air during daytime broadcasts now. The call letters of the Tai-Pei station, which are also heard on all relays, were changed about March 1, possibly earlier, to XUPA (formerly XRPA). Since the rebellion has broken out, the regular schedule of the Taiwan network has not been adhered to. The hours of transmission and program timing vary somewhat from day to day, and little is heard but long propaganda talks in Hokkien and Mandarin interspersed with music.

XLFB, 680 kcs., a strong station in N. China was heard on full schedule at 0515 - 0930 during February checks, but with frequent interruptions which seemed to be either transmitter breakdown or power failure. Lately it has scarcely been able to stay on the air 15 minutes a night and often not at all. If the trouble is corrected, the scheduled newscasts at 0630 and 0905 will be easily monitorable.

Taipung XRFC has one program on 700 kcs., transmission times for which are 2030 - 0900 and 0500 - 1000, and a second program on 1150 kcs. at 0400 - 0915. News in Mandarin is presented by the former at 2315, 0830 and 0930 and by the latter at 0615 and 0700; in Dialect at 0030 on 700 kcs. only. Reception of both stations is good except for occasional Chinese interference.

Station XZYC, exact location unknown, but believed to be in Manchuria
CONFIDENTIAL

is heard at 0300 - 1045 on 725 kcs. (occasionally 715 kcs.). A newscast in 
Mandarin is heard irregularly at 0900 or 0700. None of the Chinese national 
relays are carried by this station. Reception is usually subject to fades, 
but often builds up quite strongly, particularly late in the evening.

XTPB, "Shansi Broadcasting Station," is heard nightly on 720 kcs. at 
0430 - 1000, with Japanese interference until 0830 (which may be eliminated 
by a proper antenna). The city in which this station is located has not 
been identified, but since 720 is the frequency which has been allocated to 
Taiyuan for some time, it seems to check with the name of the station. How-
ever, if so, this introduces the problem of the short-wave Communist "Taiyuan 
Broadcasting Station." XTPB is Nationalist controlled and relays Nanking 
and Peiping nightly. Local newscasts are given at 0515, 0700 and 0930 or 
later.

At Tsinan station XHGP on 730 kcs. broadcasts 0500 - 0920 or 1000, 
mostly in Mandarin. News is presented at 0700, possibly also at 0515 but 
terference at that time makes intelligibility almost nil.

On 800 kcs. station XOPC, location not yet determined, is heard 0430 - 
1000 daily but with considerable interference from Korea in the fore part 
and from Manila in the late hours, both of which may be minimized by a good 
Nattering antenna. Local newscasts at 0700 and 0915 have been heard; a number 
of Nanking programs are relayed by XOPC.

XHRA, 815 kcs., location also unknown, is heard 0515 - 0915 and 1000 - 
1100, the latter being a transmission of news at dictation speed in Mandarin 
which opens with ten minutes of tuning music. The first hour of the first 
transmission consists of news, talks and songs in a non-Chinese language 
resembling Urdu. The remainder of the transmission is divided between Man-
darin and an unidentified Chinese language. Once it was thought the station 
identified itself as Sining.

A new Peiping radio station is broadcasting on 840 kcs with the call 
letters XHMA and the name "Peiping Nanking Broadcasting Station." It is prob-
ably privately operated. Transmission time is 0430 - 1000, and Mandarin 
newscasts are heard irregularly at 0515 and 0940 or 0950. Concert music and 
Chinese entertainment are featured by the station.

Another new Peiping station is XTPF on 1078 kcs. Not much could be 
discovered concerning its schedule because the local Sasebo station broad-
casts on this channel also. XTPF signs off at 0930, one hour later than 
Sasebo.

Station XRAY, on 858 kcs, announced as the Chefoo Broadcasting Station, 
transmits at 1930 - 0200 and 0330 - 1000. All programs are in Shantung 
language, but none appear to have any monitoring value at present.

XNM, undoubtedly the same station heard through Philippine static as 
XAM, transmits on either 574 kcs or 560 kcs, more likely by defect than 
tention, as there is no regularity of frequency use which can be perceived
here. The station is now believed to be in southern Manchuria, possibly Mukden, and is usually audible throughout its daytime broadcasts. Sign-on time varies 1930 to 2030, and sign-off time 0930 to 1030; the approximately 14 intervening hours are almost solid music and entertainment. Only vernacular is used.

On 885 kcs. a station of the Central Broadcasting Administration is tentatively identified as Sien (Shensi Province). The call letters have been understood as XERA or XOPA, depending on the announcer. A morning transmission at 1730 of news in Mandarin is fair. Music at 1750 is followed by a talk at 1800, till fadeout at 1815. The evening transmission at 0900 - 0930 includes news in Mandarin at 0700 and news in Shensi (?) Dialect at either 0730 or 0830. Both the programming and technical quality of this station are unusually good, and with the proper antenna good to excellent reception is anticipated.

An unidentified Chinese station on 890 kcs. is among those consistently heard during the daylight hours. Transmission time of this station is 1900 - 2200 and 2300 - 0615. The significant broadcasts occur at 0700 and 0715.

The Kansa Broadcasting Station XERA at Lanchow, 972 kcs., 1400 miles west in the mountainous interior of China, does not yield many interesting programs in the hours when Seoul does not interfere with it, but it has shown what can be accomplished without even the best antennas by being heard well during the middle of the day. The present schedule of XERA seems to be 2300 - 0105, though its daytime hours vary somewhat.

XTOH, a hitherto unknown Chungking station, is heard daily on 955 kcs. Although subject to sudden fades, it usually has good to strong signals. It is heard 0900 - 1020 with News or Comment in Mandarin at 0515, 0615 and irregularly 0645. This transmitter carries none of the national relays. The program preview for the next day presented nightly at 1010 before close-down mentions a number of Shensi programs.

XDAF, 1000 kcs., operates simultaneously with the short-wave transmitter on 7100 kcs. discovered at Luzon. Signal strength and directional antennas indicate it to be farther north than at first supposed. The station identification announcement in Mandarin, "Kwan jin Kwan pu Dien tai XDAF, Shi yen po yeen," so far defies location. Between its two transmitters XDAF is about 100 % monitorable.

XLPC, at Nancheng (Shensi), on 1100 kcs. is found to be maintaining nearly the same schedule it followed in January on Luzon. Overall reception of this station is usually better than the particular ratings in the log indicate.

The "XTPF" station on 1260 kcs. first thought to announce as "Pinkieng-Harbin" frequently offers excellent reception at Sasebo. The call letters are definitely established as XTPF and the name seems fairly certain now to be the "Tientsin-Harbin Broadcasting Station." The meaning is not clear. The transmission of this station now ends a half hour earlier at 1005.
CONFIDENTIAL

XOPF at Hangchow is heard nightly with the quality of a local station. The measured frequency of XOPF is now 1285 kcs; the schedule remains unchanged except that the short-wave relay on 9553 kcs. is again off the air.

C - Chinese Short-Wave

The "Army Broadcasting Station" XUPF is heard on the measured frequency of 8350 kcs. Reception is poor to fair, but should improve considerably with a favorable antenna. Transmission time is 0600 - 1000, occasionally from 0500, with almost all broadcasts in Mandarin and the main local news at 0700, followed by relays at various hours of the news from New York, Nanking and Chungking.

Station XPRA at Kunming has a short wave transmission of news at dictation speed in Mandarin after the close of its regular medium-wave broadcast. The frequency is 6400 kcs. and time 1000 - 1045. Reception is very good.

The new Nanking transmitter which first appeared on 5917 kcs. is now in regular service on 11835 kcs. relaying the noonday and evening broadcasts of XOPA. Reception is excellent.

The Communist-controlled transmitter XGAT was heard during preliminary checks on 8660 kcs. as well as 1050 kcs. medium-wave with relays of Yenan at 0500 - 0700 and independent material at 0700 - 0725, followed at 0745 by a transmission of Mandarin dictation to 0815. By the time the test schedule was in operation the station had gone off the air, and it has not been heard since. The location has not been established but sounds like "Haunghe" or something similar.

The Communist-controlled transmitter announced as Taiyuan XGPB has stabilized its frequency at 6013 kcs. and its schedule at 0630 - 0800, with Yenan relays at 0500 - 0700. Their fourth station, XGNC at Hantan, is relaying Yenan regularly on the measured frequency of 6669 kcs. Both Hantan and Taiyuan are heard with good strength, but the quality of the relays is frequently poor.

Hankow XLRD has a second short-wave transmitter relaying all broadcasts now. It is heard on 11490 kcs. with excellent strength but always with slight interference from the Soviet code transmitter RTZ at Irkutsk. A receiver with a good crystal filter eliminates the interference.

The Chinese Army Radio Service XNIA or XMFA, on 12220 kcs., has revised its evening transmission to 0500 - 0630, with news in Mandarin at 0515, 0630 and dictation at 0730. The location has been announced as Nanking.

XGCA, previously reported on 7221 kcs., is now heard with one transmission only at 1835 - 1930 on the new frequency of 7009 kcs.

III. Indo-China

"Radio France, Hanoi" has lowered its frequency at present to 9514 kcs.
where it again experiences overwhelming interference from Hong Kong, which also lowered its frequency to 9515 kcs. The "Radio France" Tonkinese program in the morning was recently heard until 2100, approximately one half-hour longer than previously. The earlier French broadcast should be monitorable with the proper rhombic antenna available, as Hong Kong is not on the air in the morning.

"The Voice of Viet Nam" which had been announced as at Hanoi is evidently back in the country somewhere; the fall of Hanoi has not put it off the air. During our test period its frequency has varied down to 1187 kcs, where it is nearly obliterated by the much more powerful signal of the new Nanking XHOA relay on 11895 kcs.

"The Voice of South Viet Nam" on 12364 kcs. continues to follow the exact schedule listed in the Luzon test except for the addition of a news broadcast in Siamese at 0800. Modulation is presently defective on all broadcasts, which severely hampers readability.

The Cambodian transmitter on 7022 kcs. believed to be Phnompenh is now heard from 0530, the added hour being oriental music. Because its frequency is within the 40 meter amateur band, amateur code interference is usually experienced.

Radio Saigon has shifted its 4512 kcs. transmitter to 6193 kcs., where reception is better at this location. It is a good alternate to 11778 kcs. for most of the evening transmission, though reception of the latter is usually as good as has been heard anywhere during the morning and evening transmissions. The afternoon reception of 11778 kcs. sometimes fades. A second broadcast of news at dictation speed in French has been added at 0300 - 0330. The former 9624 kcs. signal has disappeared since the 4512 kcs. transmitter changed frequency, and a new signal may be found on 12386 kcs, thus proving indisputably that it is a harmonic.

IV. Burma

Radio Rangoon could not be located and identified during the period of this test. An unreadable weak signal on its 6035 kcs. frequency which was rated on the log may have been some other station. Since Rangoon's transmitter normally has the power output of 7 1/2 KW, or eight times that of the Bangkok Radio which was received fairly well on an adjacent frequency, it is reasonable to assume Rangoon is at least temporarily off the air. We hope to confirm this by checking with other observers.

V. Malaya

The Singapore Home Service has been shifted from 4778 kcs. to the measured frequency of 4825 kcs., thus eliminating much of the Chinese code interference which had bothered it lately. Reception of 4825 is excellent.

The Singapore "British Far Eastern Broadcasting Service", beside introducing a new French period at 0600 to augment the 0715 BEO relay, has
extended its final English session by one to two hours (varies). The news and entertainment features include many relays of the BBC and Radio SEAC, but talks and a commentary of local origin are frequently included.

VI. India

Indicative of the improved medium-wave reception of all medium-wave Indian stations at Seseb, VUW at Hyderabad, on 730 kcs, one of the few independent stations of India, has for the first time been heard with a consistently monitorable signal. A revision of the evening newscasts has taken place; the Urdu is heard at 1000 - 1015, English at 1015 - 1030, and Telugu at 1030 - 1045. The name "Deccan Radio" is now replaced by the identification "Hyderabad Radio."

A new Indian station on 1200 kcs, is heard nightly from fade-in at 0930 to sign-off at 1130. It is still unidentified but appears not to be affiliated with All-India Radio. Another unlisted which also appears to be an independent Indian is heard on 1235 kcs.

VII. Korea

In addition to the North and South Korean network programs, which are 100% coverable via Seoul and Pyeongyang and several of their relays, it has been observed that Sinuju, North Korea, on 960 kcs, has an independent broadcast in the morning of news in Korean at 1700 and news in Russian at 1730. The latter has proven to be a relay from Rheeberovsk on each morning it was checked.

An unlisted North Korean transmitter is being heard with good signal strength on 1150 kcs; it was first heard on 1180 kcs. The program so far has been a straight relay of Pyeongyang, and no separate identification has been heard.

VIII. U.S.S.R.

A telephone transmitter on 6609 kcs, relaying the Vladivostok Regional Home Service from O200 was heard with powerful signals for a week but disappeared about March 1. It may only have been relaying for test purposes. News in Russian was presented at approximately 0235 daily. The main transmitter with this program operates on several longwave frequencies, presently either 239 or 370 kcs, and should be easily monitorable.

The Nikolaevsk regional transmitter, measured on 998 kcs, broadcasts at 0300 - 0900 entirely in Russian. News is presented at 0303, 0540, and 0715 and editorials and talks are frequent. This station has to be intercepted through a North Korean relay on 1000 kcs. and may not yield much results.

The Kazakh Home Service from Alma-Ata is heard well on the measured frequency of 6219 kcs. at 0800 - 1200 or later. Most of the programs are
Russian, but a 15 minute newscast in Kazakh vernacular starts at times varying between 0330 and 0345. The Russian news is a relay from Moscow.

The Turkmen Home Service is heard well at the same time on the measured frequency of 6179 kcs. from a station announced as Ashkabad. News and comment in Turkmenian is presented daily at 0815 - 0845/0900 and in Russian at 0945 - 1000.

The Uzbek Home Service heard from Tashkent on 6320 kcs. is not as reliable, owing to a strong interfering signal on the same frequency some nights. Reception is good, however, when the interfering station is off. News or comment in a language assumed to be Jagatai is heard at 0800. The oriental program changes to Russian at 0900 - 1100, but the latter consists of musical programs and talks.

The Tadzhik Home Service on 7780 kcs. from Stalinabad, offers fairly good reception daily at 0800 - 1000, but from 0930 or 1000 is almost entirely programmed with Moscow relays. Local Russian at 0820 and Tadzhik vernacular at 0900 seem to be regular features.

One hour of the Kirghiz Home Service has been observed to be short-waved from Frunze on the measured frequency of 5059 kcs. at 0900 - 1000. This hour consists chiefly of news and talks in both the vernacular and Russian. Reception is quite good at present.

IX. Iran

The Tehran short-wave on 6155 kcs. provides excellent reception nightly. The parent medium-wave transmitter is observed to have made a slight frequency change, being measured on 578 kcs.

Norman F. Kriebel
Radio Engineer, FBIB
CONFIDENTIAL

Appendix B

Log of Reception Ratings

The numerical ratings are based solely on the intelligibility of the program material; the letter suffixes indicate important characteristics of the signal or factors affecting it.

0 - Signal totally absent
1 - Carrier wave only
2 - Modulation audible but unintelligible
3 - Occasional words intelligible
4 - Mostly unintelligible
5 - Fifty percent intelligible
6 - Mostly intelligible
7 - Occasional words unintelligible
8 - 100% intelligible with difficulty
9 - 100% intelligible with ease

A - Atmospherics (static)
G - Code signal interfering
F - Fading which affects intelligibility
H - Heterodyne interference
I - Interference unclassifiable
L - Local noise interference
M - Modulation defective
Q - Inferior audio quality
S - Interference from station on the same channel or adjacent channel
T - Transmitter trouble
V - Varying frequency (suffixed to frequency)
W - Weak signal

CONFIDENTIAL
Explanation of program symbols:

C - Commentary
E - Entertainment
LL - Language Lessons
Mu - Music
N - News
NT - News and Talk
PP - Program Preview
T - Talk
UN - United Nations Relay

Explanation of Language symbols:

Cam - Cambodian
Can - Cantonese
Chi - Miscellaneous Chinese Languages
Dut - Dutch
Eng - English (or E)
Fre - French
Hok - Hokkien
I-M - Indonesian Malay
Jap - Japanese
Kor - Korean
Man - Mandarin
Rus - Russian
Si - Siamese
Tonk - Tonkinese
CONFIDENTIAL

INTRODUCTION

The schedule of broadcasts used in the Sasebo Test was specially prepared, after a preliminary check of reception in that area, to confirm the evident fact that the reception defects of the Oi Test and the Luzon Test both pointed toward the same single solution for obtaining satisfactory coverage of the entire Orient. From the Tokyo area the vast reservoir of Chinese medium-wave broadcasts remained untapped; Luzon offered coverage of them, but with undesirable limitations by static. Luzon results also indicated most of the Indonesian signals to be skipping over the Philippines, and observations at Tokyo tended to confirm this. Hence, the Sasebo schedule was designed to prove (or disprove) specifically that (1) medium-wave broadcasts from China can be monitored well with a minimum of static and local Japanese interference; (2) Indonesian broadcasts can be heard as well or better than at any desirable alternative location presently available; and (3) adequate coverage of the remainder of the Orient is also still available.

Upon completion of the test schedule, all three members of the FEIB Test Team were in agreement with respect to these points that from Sasebo (1) Chinese medium-wave monitoring has few limitations beyond the interference the numerous Chinese stations cause among themselves; (2) Indonesian broadcasts on frequencies higher than 6 megacycles are heard with as good or better signal strength than at any other location FEIB has tested or operated; Indonesian broadcasts on frequencies lower than 6 megacycles cannot be monitored consistently from any location which might also be suitable as a general Far Eastern Monitoring site, nor would such location improve the CW interference condition, the chief obstacle to Indonesian monitoring, as it arises from their use of out-of-band frequencies rather than a local density of code transmitters; and (3) satisfactory or better signals have been received from every other sector of the Orient from which monitoring may be desired (in addition to the below mentioned "100 percenters"); in a few cases (Viet Nam, for example) we know that better reception can be obtained elsewhere, but in other cases (Indian and Korean medium-wave, for example) Sasebo proves equally superior.

Preliminary checks revealed near perfect reception of certain important stations which had also given excellent results at all previous locations; these were entirely omitted from the test schedule, with the exception of a few broadcasts on which specific information was desired, in order that the time could be devoted to the more marginal and difficult stations. A schedule of significant broadcasts from such stations was now possible on the basis of information gained from preliminary cruising and the previous tests. The "100 percent" group which is conspicuously absent from the schedule includes Nanking ZGDA, Chungking ZGOU, Radio Australia, Singapore Far Eastern Service, Delhi Far Eastern Service, Radio SEG Ceylon, Seoul/South Korean Network, Pyongyang/North Korean Network, Khabarovsky and Petropavlovsk Regional Services, and all Moscow Relays to the Far East.

A brief word of explanation and caution is in order for those who analyze the ratings in the following log. Ratings here and there of zero to
four might seem to belie our conclusion that reception is excellent. Some of the zero rows arise from the fact that the station has gone off the air temporarily and not from any inability to receive it, as Rangoon, Shanghai XMY, Peiping morning broadcasts, XLPE, etc; most such facts are reported in Appendix A. Other low ratings arise from the fact that the broadcasts are scheduled at the hours of poorest reception such as 2300 to 0015 programs, and good ratings are highly exceptional. Then there are cases of low ratings due to interference which we know can be corrected by good directional antennas. It is important to keep in mind that this log is purposely designed to be difficult and is not expected to yield high ratings for every station, most of which are low powered, and more so that the test antennas represent in nearly all cases only a fraction of the results obtainable with the permanent system.

Norman F. Kriebel

Norman F. Kriebel
Radio Engineer, FEIB
<p>| Time (EST) | Call | Freq. | Station | Fgm. | Lang. | 25 | 26 | 27 | 28 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|------|-------|---------|------|-------|----|----|----|----|---|---|---|---|---|---|---|---|---|
| 1729      | KZRH | 9640  | Manila  | N    | Eng.  | 6H | 6H | 8  | 6H | -  | LH | LH | 2S | 2S | 3S | 3H | 8H|
| 1730      | JEBK | 850   | Chongjin | T    | Kor.  | -  | 5A | 6L | 7L | -  | 8  | 8  | 8  | 8A | 8  | 8  | 8 |
|           | JDBK | 820   | Pyongyang| T    | Kor.  | -  | 9  | 7L | 4S | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9 |
|           | JELK | 860   | Simuiju | N    | Rus.  | 7L | 7L | 7A | 6L | -  | 7/8| 8  | 8  | 8  | 7  | 8  | 8A|
| 1735      | 9265 |   N   | Makassar| N    | Dut.  | -  | -  | -  | -  | -  | -  | 6  | 6  | 7  | 5C | 5C | OC|
| 1740      | XMDA | 885   | Sien    | N    | Man.  | -  | -  | -  | -  | -  | 9  | 8  | 7S | 6W | 8  | 7L | 7L|
| 1745      | 11000|   N   | Free Indonesia| N    | Eng.  | -  | -  | -  | -  | 6  | 6C | 7  | 6A | 7Q | 7Q | 7Q|
| 1800      | KZPI | 9710  | Manila  | N    | Eng.  | 8  | 8F | 7H | 8  | -  | 8/9| 9  | 8  | 9  | 9  | 9  | 9mu|
| 1810      | XNPA | 12220 | Nanking | N    | Man.  | 9C | 9C | 9C | off| -  | 9  | 9C | 9C | 9C | 9C | 9C | 9C|
|           | 9265 |   N   | Makassar| N    | L.M.  | -  | -  | -  | -  | -  | -  | 6  | 6  | 6C | 3C | 1C | 6C|
| 1815      | 11000|   C   | Free Indonesia| C    | Eng.  | -  | -  | -  | 6A | -  | 5/6| 6C | 5/6C| 5F | 6C | 6C | 6W|
|           | 5265 |   N   | &quot;Mongolia&quot;| N    | ?     | 0  | 0  | 0  | 0  | -  | 0  | 0  | 0  | 0  | 2C | 5  | 0C | 0C|
|           | XLCZ | 1240  | Shanghai| LL   | E/Chi | 0  | 0  | 0  | 0S | -  | 5L | 9  | 8L | 8L | 9  | 8L | 8L|
| 1830      | 11778|   N   | Saigon  | N    | Fre.  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 9  | 9  | 9  | 9  |</p>
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call Freq</th>
<th>Station</th>
<th>Frequency</th>
<th>Pgm</th>
<th>Lang</th>
<th>25</th>
<th>26</th>
<th>27</th>
<th>28</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1815</td>
<td>XURA</td>
<td>Tai Pei</td>
<td>7220</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1070</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1040</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>960</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1815</td>
<td>PLS</td>
<td>Betanie</td>
<td>10365</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1850</td>
<td>12420</td>
<td>Bukit Tinggi</td>
<td>N</td>
<td>L-M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XGAF</td>
<td>Shanghai</td>
<td>7100</td>
<td>Man</td>
<td>8</td>
<td>8C</td>
<td>8C</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1900</td>
<td>12193</td>
<td>Soerabaja</td>
<td>N</td>
<td>Dut</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11850V</td>
<td>Hanoi</td>
<td>N</td>
<td>Fre</td>
<td>6C</td>
<td>7FE</td>
<td>8</td>
<td>6C</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XORA</td>
<td>Shanghai</td>
<td>900</td>
<td>Man</td>
<td>7A</td>
<td>8C</td>
<td>9L</td>
<td>9L</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>11705</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XLAI3</td>
<td>Shanghai</td>
<td>1060</td>
<td>T</td>
<td>Chi</td>
<td>4T</td>
<td>4L</td>
<td>3L</td>
<td>3L</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9600</td>
<td>Java</td>
<td>N</td>
<td>I-M</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td>2W</td>
<td>OC</td>
<td>0</td>
<td>2W</td>
<td>2C</td>
<td>2C</td>
</tr>
<tr>
<td>1905</td>
<td>XLAI2</td>
<td>Shanghai</td>
<td>1180</td>
<td>N</td>
<td>Man</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>2L</td>
<td>CL</td>
<td>6A</td>
<td>7L</td>
</tr>
<tr>
<td>1915</td>
<td>XLAC2</td>
<td>Shanghai</td>
<td>1240</td>
<td>N</td>
<td>E/Chi</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6L</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>XLAPE2</td>
<td>Shanghai</td>
<td>1360</td>
<td>T</td>
<td>Chi</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>4S</td>
<td>1S</td>
<td>5H</td>
<td>0</td>
<td>5HL</td>
<td>4L</td>
<td>5L</td>
<td>1H</td>
<td>5HL</td>
</tr>
<tr>
<td>1920</td>
<td>12364</td>
<td>So. Viet Nam</td>
<td>N</td>
<td>Fre</td>
<td>5L</td>
<td>0</td>
<td>0</td>
<td>5C</td>
<td>0</td>
<td>4C</td>
<td>5C</td>
<td>4W</td>
<td>4C</td>
<td>3C</td>
<td>5C</td>
<td>OC</td>
<td></td>
</tr>
<tr>
<td>Time (EST)</td>
<td>Call</td>
<td>Freq</td>
<td>Station</td>
<td>Form</td>
<td>Lang</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>------</td>
<td>---------</td>
<td>------</td>
<td>------</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>1930</td>
<td>11778</td>
<td>Saigon</td>
<td>N</td>
<td>Fre</td>
<td>7L</td>
<td>8</td>
<td>7</td>
<td>8</td>
<td>8A</td>
<td>4M</td>
<td>8</td>
<td>8</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>11705</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1925</td>
<td>12420</td>
<td>Bukit Tinggi</td>
<td>N</td>
<td>Eng</td>
<td></td>
<td>4</td>
<td>6</td>
<td>0</td>
<td>5C</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1945</td>
<td>823</td>
<td>Shanghai</td>
<td>N</td>
<td>Man</td>
<td>8</td>
<td>-</td>
<td>8</td>
<td>8H</td>
<td>5L</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>2000</td>
<td>880</td>
<td>Shanghai</td>
<td>T</td>
<td>Chi</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2015</td>
<td>1100</td>
<td>Shanghai</td>
<td>T</td>
<td>Man</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2030</td>
<td>9543</td>
<td>Rangoon</td>
<td>N</td>
<td>Eng</td>
<td>0S</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2105</td>
<td>1240</td>
<td>Shanghai</td>
<td>N</td>
<td>Man</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2130</td>
<td>11778</td>
<td>Saigon</td>
<td>N</td>
<td>Fre</td>
<td>7L</td>
<td>0</td>
<td>6L</td>
<td>7C</td>
<td>6L</td>
<td>7</td>
<td>8</td>
<td>7</td>
<td>5C</td>
<td>6C</td>
<td>7C</td>
<td>3W</td>
<td></td>
</tr>
<tr>
<td>2150</td>
<td>823</td>
<td>Shanghai</td>
<td>T</td>
<td>Chi</td>
<td>7A</td>
<td>8H</td>
<td>8mu</td>
<td>8</td>
<td>8</td>
<td>9mu</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8L</td>
<td>9</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Time (EST)</td>
<td>Call</td>
<td>Freq</td>
<td>Station</td>
<td>Pgm</td>
<td>Feb</td>
<td>Mar</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>------</td>
<td>---------</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2300</td>
<td>KZRH</td>
<td>9640</td>
<td>Manila</td>
<td>N</td>
<td>Eng</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9265</td>
<td>Makassar</td>
<td>Mui</td>
<td>Dui</td>
<td>2</td>
<td>20</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2305</td>
<td></td>
<td></td>
<td></td>
<td>N</td>
<td>Chi</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>8L</td>
<td>0L</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7mu</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2310</td>
<td></td>
<td></td>
<td></td>
<td>N</td>
<td>Fre</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2330</td>
<td></td>
<td></td>
<td></td>
<td>N</td>
<td>Men</td>
<td>8</td>
<td>8Q</td>
<td>9C</td>
<td>0</td>
<td>8C</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8L</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2340</td>
<td></td>
<td></td>
<td></td>
<td>N</td>
<td>Men</td>
<td>0</td>
<td>0</td>
<td>1H</td>
<td>2W</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2345</td>
<td></td>
<td></td>
<td></td>
<td>N</td>
<td>Chi</td>
<td>9C</td>
<td>8C</td>
<td>9</td>
<td>7C</td>
<td>6C</td>
<td>8C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9</td>
<td>8C</td>
<td>8C</td>
<td>7C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Confidential

Authority: JPA Date 1-24-56
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Pgm</th>
<th>Long</th>
<th>Feb</th>
<th>Mar</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000</td>
<td>12420</td>
<td>Pakit Tinggi</td>
<td>N Eng</td>
<td>5C</td>
<td>0</td>
<td>2H</td>
<td>0</td>
</tr>
<tr>
<td>0005</td>
<td>12364</td>
<td>So. Viet Nam</td>
<td>N Eng</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0010</td>
<td>11779</td>
<td>Saigon</td>
<td>N Tonk</td>
<td>6A</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>0015</td>
<td>12220</td>
<td>Nanking</td>
<td>T Man</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td>0030</td>
<td>12183</td>
<td>Soerabaja</td>
<td>N Dut</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0045</td>
<td>12220</td>
<td>Nanking</td>
<td>N Eng</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td>0100</td>
<td>7220</td>
<td>Tae Pei</td>
<td>T Man</td>
<td>6C</td>
<td>7C</td>
<td>8</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td>1030</td>
<td>&quot;</td>
<td>&quot;</td>
<td>0</td>
<td>0</td>
<td>2H</td>
<td>4A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>XLAE3</td>
<td>Shanghai</td>
<td>T Chi</td>
<td>0</td>
<td>0</td>
<td>4A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Confidential
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Fgn</th>
<th>Lang</th>
<th>Feb 26</th>
<th>Feb 27</th>
<th>Feb 28</th>
<th>Mar 1</th>
<th>Mar 2</th>
<th>Mar 3</th>
<th>Mar 4</th>
<th>Mar 5</th>
<th>Mar 6</th>
<th>Mar 7</th>
<th>Mar 8</th>
<th>Mar 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>0115</td>
<td>12420</td>
<td>Bukit Tinggi</td>
<td>N Eng</td>
<td>OS</td>
<td>OC</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0130</td>
<td>XORA</td>
<td>740</td>
<td>Shanghai</td>
<td>E Chi</td>
<td></td>
<td>8</td>
<td>9mu</td>
<td>9H</td>
<td>9H</td>
<td>9</td>
<td>9</td>
<td>8H</td>
<td>8H</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0145</td>
<td>XORN</td>
<td>880</td>
<td>Shanghai</td>
<td>T Chi</td>
<td>6</td>
<td>6L</td>
<td>OS</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>OS</td>
</tr>
<tr>
<td>0205</td>
<td>RV...</td>
<td>6609</td>
<td>U.S.S.R.</td>
<td>N Rus</td>
<td>7C</td>
<td>7C</td>
<td>8</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0210</td>
<td>XLC2</td>
<td>1240</td>
<td>Shanghai</td>
<td>T Chi</td>
<td>0</td>
<td>2S</td>
<td>2S</td>
<td>4S</td>
<td>3S</td>
<td>8</td>
<td>9</td>
<td>8L</td>
<td>9</td>
<td>6L</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>0300</td>
<td>XLAF3</td>
<td>823</td>
<td>Shanghai</td>
<td>T Chi</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8L</td>
<td>8L</td>
<td>8mu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0305</td>
<td>XLC2</td>
<td>1240</td>
<td>Shanghai</td>
<td>T Chi</td>
<td>7</td>
<td>0</td>
<td>5HS</td>
<td>3HS</td>
<td>5S</td>
<td>9</td>
<td>7</td>
<td>9</td>
<td>7L</td>
<td>8</td>
<td>7L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0310</td>
<td>XORA</td>
<td>11705</td>
<td>Shanghai</td>
<td>N Jap</td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8</td>
<td>0</td>
<td>8C</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>GC</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>0315</td>
<td>XORA</td>
<td>900</td>
<td>Shanghai</td>
<td>UN Man</td>
<td>6mu</td>
<td>8</td>
<td>8</td>
<td>3</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8L</td>
<td>8L</td>
<td>8mu</td>
<td></td>
</tr>
<tr>
<td>0320</td>
<td>11773</td>
<td></td>
<td>Saigon</td>
<td>N Fre</td>
<td>8</td>
<td>8</td>
<td>7/8</td>
<td>3</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td>5WS</td>
<td>9S</td>
<td>9S</td>
<td>8mu</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0330</td>
<td>PLS</td>
<td>10365</td>
<td>Batavia</td>
<td>N Dut</td>
<td>3C</td>
<td>OC</td>
<td>5A</td>
<td>OC</td>
<td>OC</td>
<td>0</td>
<td>SC</td>
<td>2C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
</tr>
</tbody>
</table>

CONFIDENTIAL
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Pgm</th>
<th>Lang</th>
<th>February</th>
<th>March</th>
</tr>
</thead>
<tbody>
<tr>
<td>0450</td>
<td>XURA</td>
<td>7220</td>
<td>Tai Pei</td>
<td>N</td>
<td>Man</td>
<td>6C 7C 7/8</td>
<td>7/8 7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1070</td>
<td></td>
<td></td>
<td></td>
<td>6S 6S 5S 5</td>
<td>4L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1057</td>
<td></td>
<td></td>
<td></td>
<td>6S 6S 5S 5</td>
<td>4L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1040</td>
<td></td>
<td></td>
<td></td>
<td>6S 6S 6S 6S</td>
<td>4L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1020</td>
<td></td>
<td></td>
<td></td>
<td>6S 6S 6S 6S</td>
<td>4L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>960</td>
<td></td>
<td></td>
<td></td>
<td>6S 6S 6S 6S</td>
<td>4L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>670</td>
<td></td>
<td></td>
<td></td>
<td>6S 6S 6S 6S</td>
<td>4L</td>
</tr>
<tr>
<td>0500</td>
<td></td>
<td>12183</td>
<td>Soerabaia</td>
<td>N</td>
<td>Dut</td>
<td>0 0 0 0 0 0 0 0 2C 0 0 0 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>11778</td>
<td>Saigon</td>
<td>N</td>
<td>Eng</td>
<td>8 8 8 8 8 8 8 8 8C 8 8 8 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6193</td>
<td></td>
<td></td>
<td></td>
<td>8C 7C 7C 6C 7C 6L 5mu 6C 6C 6C 5C</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>11000</td>
<td>Free Indonesi</td>
<td>T</td>
<td>Dut</td>
<td>8S 80mu 80mu 6F 7 4L 7H 7C 8 8mu 7A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CR8AA</td>
<td>9254</td>
<td>Macao</td>
<td>N</td>
<td>Can</td>
<td>0 2C 0 0 0 0 0 0 2C 0 2C 0 0 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15275</td>
<td>Singapore</td>
<td>N</td>
<td>Man</td>
<td>7H 8H 7H 7H 7H 7H 7H 7C 8 8 8 8H</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15300</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8/9 8 8/9 9 9 9 9 9 9 9 9 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XGGG</td>
<td>560</td>
<td>Chengtu</td>
<td>N</td>
<td>Man</td>
<td>6S 6A 6A 3S 6C 5L 7A 6 6 2L 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EZEM</td>
<td>710</td>
<td>Manila</td>
<td>N</td>
<td>Eng</td>
<td>2H 2H 2H 2H 4H 6L 7A 6H 6H 3H 5H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XLC2</td>
<td>1240</td>
<td>Shanghai</td>
<td>T</td>
<td>Man</td>
<td>6S 5H 5mu 7S 6S 2L 8mu 8H 9mu 8 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0515</td>
<td>XDOE</td>
<td>9320</td>
<td>Kweilin</td>
<td>N</td>
<td>Man</td>
<td>7C 6/7 5C 5C 7C 7C 6C 7 7A 7 7L 6C 1C 7/3mu</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9265</td>
<td></td>
<td>Makasser</td>
<td>N</td>
<td>I-M</td>
<td>6C 7C 7/8 6C 7 7A 7 7L 6C 1C 7/3mu</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XLFC</td>
<td>1100</td>
<td>Nancheng</td>
<td>N</td>
<td>Chi</td>
<td>5H 2H 3H 3H 3HS 2H 6S 6S 6S 3H 3H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XNPA</td>
<td>12220</td>
<td>Nanking</td>
<td>N</td>
<td>Man</td>
<td>7C 8 8C 8C 8C 8C 8C 8C 8C 8C 8C 8C</td>
<td></td>
</tr>
</tbody>
</table>

**CONFIDENTIAL**
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Pgm</th>
<th>Lang</th>
<th>26</th>
<th>27</th>
<th>28</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>0520</td>
<td>XTEC</td>
<td>1260</td>
<td>Tientsin/Manchuria</td>
<td>Chi</td>
<td>-</td>
<td>3S</td>
<td>2S</td>
<td>3A</td>
<td>4S</td>
<td>5L</td>
<td>3L</td>
<td>3H</td>
<td>5H</td>
<td>5H</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XEPA</td>
<td>260</td>
<td>Tientsin</td>
<td>Man</td>
<td>-</td>
<td>0S</td>
<td>8S</td>
<td>2S</td>
<td>OS</td>
<td>OS</td>
<td>OS</td>
<td>OS</td>
<td>4S</td>
<td>3S</td>
<td>2S</td>
<td>2S</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XGAF</td>
<td>7100</td>
<td>Shanghai?</td>
<td>Man</td>
<td>-</td>
<td>8C</td>
<td>8S</td>
<td>7C</td>
<td>8C</td>
<td>8C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>6H</td>
<td>5C</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000</td>
<td></td>
<td></td>
<td></td>
<td>5S</td>
<td>3S</td>
<td>7H</td>
<td>7H</td>
<td>8H</td>
<td>7L</td>
<td>7H</td>
<td>7H</td>
<td>6H</td>
<td>6H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0525</td>
<td>XNBR</td>
<td>7580</td>
<td>Yenan</td>
<td>Man</td>
<td>4L</td>
<td>3C</td>
<td>7</td>
<td>6A</td>
<td>7</td>
<td>5C</td>
<td>6C</td>
<td>6A</td>
<td>6C</td>
<td>5C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td>XCGC</td>
<td>6669</td>
<td>Hantian</td>
<td></td>
<td>6C</td>
<td>5C</td>
<td>6S</td>
<td>5C</td>
<td>6C</td>
<td>5C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td>XDPF</td>
<td>6043</td>
<td>&quot;Taiyuan&quot;</td>
<td></td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
</tr>
<tr>
<td>0530</td>
<td>11000</td>
<td>1235</td>
<td>Free Indonesia</td>
<td>Dut</td>
<td>6C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>6C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td>XOPD</td>
<td>11490</td>
<td>Shanghai</td>
<td>Man</td>
<td>2L</td>
<td>8/9</td>
<td>4S</td>
<td>2H</td>
<td>7H</td>
<td>8</td>
<td>6L</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>6C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td>12183</td>
<td></td>
<td>Soerabaja</td>
<td>Dut</td>
<td>5</td>
<td>5C</td>
<td>2C</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0540</td>
<td>XLRA</td>
<td>11490</td>
<td>Hankow</td>
<td>Man</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td>6056</td>
<td></td>
<td></td>
<td></td>
<td>8</td>
<td>7/8</td>
<td>6C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td>598</td>
<td></td>
<td>Nikolajevsk</td>
<td>Rus</td>
<td>4LH</td>
<td>4A</td>
<td>4H</td>
<td>3AH</td>
<td>0S</td>
<td>0</td>
<td>0S</td>
<td>2S</td>
<td>0S</td>
<td>0S</td>
<td>0S</td>
<td>0S</td>
<td>0S</td>
</tr>
<tr>
<td>0545</td>
<td>XGGG</td>
<td>560</td>
<td>Chengdu</td>
<td>Man</td>
<td>8</td>
<td>7A</td>
<td>8</td>
<td>7A</td>
<td>6A</td>
<td>6A</td>
<td>6A</td>
<td>6A</td>
<td>6A</td>
<td>3A</td>
<td>4A</td>
<td>6A</td>
<td>6A</td>
</tr>
<tr>
<td></td>
<td>YNPS</td>
<td>7118</td>
<td>Soerakarta</td>
<td>I-M</td>
<td>5C</td>
<td>6C</td>
<td>6C</td>
<td>6A</td>
<td>7C</td>
<td>6C</td>
<td>6C</td>
<td>5A</td>
<td>5C</td>
<td>5C</td>
<td>5C</td>
<td>3C</td>
<td>6A</td>
</tr>
<tr>
<td></td>
<td>7500</td>
<td></td>
<td>Meir Antara</td>
<td>I-M</td>
<td>4L</td>
<td>6CA</td>
<td>0</td>
<td>6C</td>
<td>2C</td>
<td>3C</td>
<td>5mu</td>
<td>5mu</td>
<td>2C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7152</td>
<td></td>
<td>Bukit Tinggi</td>
<td>Eng</td>
<td>3CL</td>
<td>6CA</td>
<td>5C</td>
<td>6C</td>
<td>5C</td>
<td>3C</td>
<td>3C</td>
<td>0C</td>
<td>4C</td>
<td>4C</td>
<td>4C</td>
<td>5Fmu</td>
<td>5Fmu</td>
</tr>
<tr>
<td></td>
<td>12120</td>
<td></td>
<td></td>
<td></td>
<td>5R</td>
<td>7C</td>
<td>6/7</td>
<td>2C</td>
<td>2C</td>
<td>2A</td>
<td>5C</td>
<td>6C</td>
<td>6C</td>
<td>2C</td>
<td>0</td>
<td>5A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PLP</td>
<td>10000</td>
<td>Free Indonesia</td>
<td>Eng</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>7</td>
<td>7/8H</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td>5620</td>
<td></td>
<td>Djokjakarta</td>
<td>LM</td>
<td>0C</td>
<td>2C</td>
<td>3C</td>
<td>2C</td>
<td>2C</td>
<td>2C</td>
<td>3C</td>
<td>2C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
</tr>
</tbody>
</table>

**CONFIDENTIAL**
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>PGM</th>
<th>Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>0550</td>
<td>XPSA</td>
<td>7010</td>
<td>Kweiyang</td>
<td>T</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>27</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
<td>7A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>5C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7</td>
<td>5C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8</td>
<td>2C</td>
</tr>
<tr>
<td>0600</td>
<td>XTPA</td>
<td>11650</td>
<td>Canton</td>
<td>N</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>790</td>
<td></td>
<td></td>
<td>2S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3S</td>
<td>0S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2S</td>
<td>0S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2S</td>
<td>2S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2S</td>
<td>2S</td>
</tr>
<tr>
<td></td>
<td>KZPI</td>
<td>9710</td>
<td>Manila</td>
<td>N</td>
<td>Eng</td>
</tr>
<tr>
<td></td>
<td></td>
<td>800</td>
<td></td>
<td></td>
<td>2S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2S</td>
<td>2S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2S</td>
<td>2S</td>
</tr>
<tr>
<td></td>
<td>9680</td>
<td></td>
<td>Pandoeng ?</td>
<td>N</td>
<td>I-M</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>8C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>4C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>3C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>2C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>2C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>2C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3C</td>
<td>2C</td>
</tr>
<tr>
<td>0610</td>
<td>XLFC</td>
<td>1100</td>
<td>Nan-cheng</td>
<td>N</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6650</td>
<td>Pontianak</td>
<td>N</td>
<td>Dut</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6C</td>
<td>5C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6C</td>
<td>5C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6C</td>
<td>5C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6C</td>
<td>5C</td>
</tr>
<tr>
<td>0615</td>
<td>XNCR</td>
<td>7530</td>
<td>Yan-nan</td>
<td>N</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6669</td>
<td>Hantien</td>
<td>N</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6013</td>
<td>&quot;Tai-yuan&quot;</td>
<td>N</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7022</td>
<td>Phnom penh</td>
<td>N</td>
<td>Cam</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5C</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5C</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5C</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5C</td>
<td>0</td>
</tr>
<tr>
<td>0620</td>
<td>XLPB</td>
<td>680</td>
<td>N. Chine</td>
<td>C</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5994</td>
<td>Bangkok</td>
<td>N</td>
<td>Eng</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10365</td>
<td>Batavia</td>
<td>T</td>
<td>Dut</td>
</tr>
</tbody>
</table>

**CONFIDENTIAL**
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Pga</th>
<th>Lang</th>
<th>26</th>
<th>27</th>
<th>28</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>0630</td>
<td>XTPA</td>
<td>11650</td>
<td>Canton</td>
<td>N</td>
<td>Man</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>780</td>
<td></td>
<td></td>
<td></td>
<td>2S</td>
<td>4S</td>
<td>2S</td>
<td>2S</td>
<td>3S</td>
<td>2S</td>
<td>4S</td>
<td>4S</td>
<td>4S</td>
<td>3S</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12183</td>
<td>Soerabaja</td>
<td>N</td>
<td>Dut</td>
<td>3H</td>
<td>5G</td>
<td>2W</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2C</td>
<td>2W</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ZE5K</td>
<td>640</td>
<td>Hong Kong</td>
<td>N</td>
<td>Can</td>
<td>2H</td>
<td>4</td>
<td>6</td>
<td>2HS</td>
<td>2HS</td>
<td>4H</td>
<td>0</td>
<td>3H</td>
<td>3AH</td>
<td>3AH</td>
<td>0</td>
<td>2W</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9265</td>
<td>Makassar</td>
<td>N</td>
<td>I-M</td>
<td>7C</td>
<td>6/7</td>
<td>6/7</td>
<td>6G</td>
<td>6G</td>
<td>6G</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>8G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9820</td>
<td>Kweilin</td>
<td>N</td>
<td>Man</td>
<td>2S</td>
<td>2S</td>
<td>2C</td>
<td>7</td>
<td>2C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>0C</td>
<td>2C</td>
</tr>
<tr>
<td></td>
<td>PLY</td>
<td>10062</td>
<td>Bandung</td>
<td>N</td>
<td>Dut</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>3A</td>
<td>8/9</td>
<td>0</td>
<td>0</td>
<td>8C</td>
<td>7C</td>
<td>8G</td>
<td>8G</td>
<td>8G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8000</td>
<td></td>
<td></td>
<td></td>
<td>7</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>0</td>
<td>0</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>6H</td>
<td>6H</td>
</tr>
<tr>
<td></td>
<td>4526</td>
<td>4526</td>
<td>Soerakarta</td>
<td>N</td>
<td>I-M</td>
<td>L5</td>
<td>2H</td>
<td>1G</td>
<td>2G</td>
<td>2S</td>
<td>1</td>
<td>OS</td>
<td>3S</td>
<td>3G</td>
<td>3G</td>
<td>3G</td>
<td>3G</td>
</tr>
<tr>
<td></td>
<td>XTFC</td>
<td>1260</td>
<td>Tientsin/Harbin</td>
<td>N</td>
<td>Man</td>
<td>8/9</td>
<td>7G</td>
<td>7G</td>
<td>3H</td>
<td>4H</td>
<td>3H</td>
<td>4L</td>
<td>5A</td>
<td>4S</td>
<td>4S</td>
<td>1G</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4525</td>
<td>Singapore</td>
<td>N</td>
<td>I-M</td>
<td>8</td>
<td>7G</td>
<td>7G</td>
<td>8G</td>
<td>8G</td>
<td>8G</td>
<td>8G</td>
<td>8G</td>
<td>8G</td>
<td>8G</td>
<td>8G</td>
<td></td>
</tr>
<tr>
<td>0635</td>
<td></td>
<td>7500</td>
<td>Moet Antara</td>
<td>N</td>
<td>I-M</td>
<td>0C</td>
<td>2C</td>
<td>6</td>
<td>6</td>
<td>6G</td>
<td>5C</td>
<td>6A</td>
<td>5C</td>
<td>6C</td>
<td>1C</td>
<td>0C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7152</td>
<td>12410</td>
<td>Bukit Tinggi</td>
<td>N</td>
<td>I-M</td>
<td>1G</td>
<td>7C</td>
<td>7</td>
<td>5C</td>
<td>4C</td>
<td>5C</td>
<td>0</td>
<td>7C</td>
<td>6C</td>
<td>5C</td>
<td>5C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2G</td>
<td>0</td>
<td>5/6</td>
<td>2G</td>
<td>0</td>
<td>4G</td>
<td>0</td>
<td>6G</td>
<td>4W</td>
<td>2C</td>
<td>6G</td>
<td></td>
</tr>
<tr>
<td>0640</td>
<td>XPRF</td>
<td>688</td>
<td>Kunming</td>
<td>N</td>
<td>Man</td>
<td>8H</td>
<td>3G</td>
<td>7H</td>
<td>2G</td>
<td>2S</td>
<td>4G</td>
<td>8H</td>
<td>6A</td>
<td>4S</td>
<td>4S</td>
<td>4S</td>
<td>2S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6650</td>
<td>Pontiansak</td>
<td>N</td>
<td>I-M</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>0</td>
<td>6A</td>
<td>5G</td>
<td>7C</td>
<td>8A</td>
<td>7G</td>
<td>6C</td>
<td>1C</td>
<td>6C</td>
</tr>
<tr>
<td></td>
<td>XLRA</td>
<td>11490</td>
<td>Hankow</td>
<td>C</td>
<td>Man</td>
<td>-</td>
<td>7C</td>
<td>5G</td>
<td>5G</td>
<td>6G</td>
<td>7C</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6056</td>
<td></td>
<td></td>
<td></td>
<td>4G</td>
<td>8G</td>
<td>7G</td>
<td>7G</td>
<td>5G</td>
<td>6G</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8743</td>
<td>Sumatra</td>
<td>C</td>
<td>Eng</td>
<td>2G</td>
<td>6G</td>
<td>0</td>
<td>0</td>
<td>5G</td>
<td>2G</td>
<td>5C</td>
<td>2G</td>
<td>9C</td>
<td>0C</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Time (EST)</td>
<td>Call</td>
<td>Freq</td>
<td>Station</td>
<td>Pgm</td>
<td>Lang</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>-----------</td>
<td>---------</td>
<td>------</td>
<td>--------------</td>
<td>-----</td>
<td>------</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>0715</td>
<td>4825</td>
<td>SIng</td>
<td>Singapore</td>
<td>N</td>
<td>Man</td>
<td>7S</td>
<td>60</td>
<td>8</td>
<td>8</td>
<td>6</td>
<td>7C</td>
<td>6C</td>
<td>7</td>
<td>6C</td>
<td>7C</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BS3PD</td>
<td>5994</td>
<td>Bangkok</td>
<td>N</td>
<td>Si</td>
<td>2C</td>
<td>6A</td>
<td>5A</td>
<td>6A</td>
<td>6A</td>
<td>6C</td>
<td>6C</td>
<td>6mu</td>
<td>6mu</td>
<td>6C</td>
<td>7mu</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XGFP</td>
<td>6043</td>
<td>&quot;Taiyuan&quot;</td>
<td>N</td>
<td>Man</td>
<td>6C</td>
<td>60</td>
<td>7</td>
<td>8</td>
<td>7mu</td>
<td>7C</td>
<td>6C</td>
<td>7C</td>
<td>6C</td>
<td>6C</td>
<td>6C</td>
<td></td>
</tr>
<tr>
<td>0730</td>
<td>12183</td>
<td>Soco</td>
<td>Soerabaja</td>
<td>N</td>
<td>Dat</td>
<td>3H</td>
<td>5H</td>
<td>2C</td>
<td>2H</td>
<td>2C</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XGOE</td>
<td>9820</td>
<td>Kwellin</td>
<td>N</td>
<td>Chi</td>
<td>3S</td>
<td>3C</td>
<td>4C</td>
<td>4C</td>
<td>2C</td>
<td>0</td>
<td>4C</td>
<td>4C</td>
<td>50</td>
<td>0</td>
<td>4Cmu</td>
<td>4C</td>
</tr>
<tr>
<td></td>
<td>EZRH</td>
<td>9640</td>
<td>Manila</td>
<td>N</td>
<td>Eng</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>7A</td>
<td>8A</td>
<td>8</td>
<td>8C</td>
<td>7F</td>
<td>8C</td>
<td>7mu</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>XLAP3</td>
<td>1420V</td>
<td>Shanghai</td>
<td>N</td>
<td>Chi</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>8H</td>
<td>8L</td>
<td>8H</td>
<td>8</td>
<td>8H</td>
<td>8H</td>
<td>8</td>
</tr>
<tr>
<td>0735</td>
<td>7100</td>
<td>Shang</td>
<td>Shanghai ?</td>
<td>N</td>
<td>Man</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>9</td>
<td>8C</td>
<td>8C</td>
<td>8C</td>
<td>8C</td>
<td>8C</td>
<td>-</td>
<td>7C</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td>XGAFF</td>
<td>7100</td>
<td>Shanghai</td>
<td>N</td>
<td>Man</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>7C</td>
<td>7S</td>
<td>6F</td>
<td>7/8A</td>
<td>6L</td>
<td>7Sh</td>
<td>6mu</td>
<td>5H</td>
<td>6H</td>
</tr>
<tr>
<td></td>
<td>1000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>XPRA</td>
<td>683</td>
<td>Kunming</td>
<td>N</td>
<td>Si</td>
<td>2S</td>
<td>2S</td>
<td>8</td>
<td>7A</td>
<td>2Sh</td>
<td>7H</td>
<td>7H</td>
<td>7H</td>
<td>2H</td>
<td>5Sh</td>
<td>3Sh</td>
<td>4H</td>
</tr>
<tr>
<td></td>
<td>XLFB</td>
<td>680</td>
<td>N. China</td>
<td>N</td>
<td>Man</td>
<td>0T</td>
<td>0T</td>
<td>0T</td>
<td>0T</td>
<td>0T</td>
<td>0T</td>
<td>8H</td>
<td>6A</td>
<td>6A</td>
<td>5A</td>
<td>3A</td>
<td>2A</td>
</tr>
<tr>
<td>0745</td>
<td>4926</td>
<td>Soer</td>
<td>Soerakerta</td>
<td>N</td>
<td>I-M</td>
<td>0LS</td>
<td>OS</td>
<td>OS</td>
<td>OS</td>
<td>4S</td>
<td>0SC</td>
<td>4C</td>
<td>4C</td>
<td>3Sc</td>
<td>3S</td>
<td>3Ag</td>
<td>OS</td>
</tr>
<tr>
<td></td>
<td>5620</td>
<td>Djok</td>
<td>Djokakarta</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>YF5</td>
<td>7418</td>
<td>Soerakerta</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7450</td>
<td>Bukit</td>
<td>Bukit Tinggi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7500</td>
<td>Moet</td>
<td>Moet Antera</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7803</td>
<td>Indone</td>
<td>Indonesia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8713</td>
<td>Majepl</td>
<td>Majeplanta</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8920</td>
<td>Indone</td>
<td>Indonesia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11060</td>
<td>Free</td>
<td>Free Indonesia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12120</td>
<td>Bukit</td>
<td>Bukit Tinggi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9520</td>
<td>Hanoi</td>
<td>&quot;R.F.&quot;</td>
<td>N</td>
<td>Fre</td>
<td>2S</td>
<td>3S</td>
<td>0S</td>
<td>2S</td>
<td>2S</td>
<td>2S</td>
<td>0</td>
<td>0S</td>
<td>0S</td>
<td>0S</td>
<td>1S</td>
<td>2HC</td>
</tr>
<tr>
<td>0745</td>
<td>9683</td>
<td>Macao</td>
<td>Macao</td>
<td>N</td>
<td>Eng</td>
<td>5C</td>
<td>2C</td>
<td>3C</td>
<td>4C</td>
<td>2C</td>
<td>0</td>
<td>4C</td>
<td>4C</td>
<td>4A</td>
<td>3C</td>
<td>4C</td>
<td>3C</td>
</tr>
</tbody>
</table>

Confidential
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Pgm</th>
<th>Lang</th>
<th>Feb</th>
<th>Mar</th>
</tr>
</thead>
<tbody>
<tr>
<td>0745</td>
<td>XIRA</td>
<td>950</td>
<td>Peiping</td>
<td>N/T</td>
<td>Man</td>
<td>8mu</td>
<td>3H</td>
</tr>
<tr>
<td>0750</td>
<td>XIRA</td>
<td>640</td>
<td>Peiping</td>
<td>N</td>
<td>Man</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>0800</td>
<td>XPC</td>
<td>1100</td>
<td>Nancheng</td>
<td>N</td>
<td>Chi</td>
<td>7H</td>
<td>7H</td>
</tr>
<tr>
<td>0805</td>
<td></td>
<td></td>
<td>7180 to 7235V Dalat</td>
<td>N</td>
<td>Fre</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0815</td>
<td>YHP5</td>
<td>7415</td>
<td>Soerakarta</td>
<td>C</td>
<td>I-M</td>
<td>6A</td>
<td>6A</td>
</tr>
</tbody>
</table>

*Confidential*
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Pgm</th>
<th>Lang</th>
</tr>
</thead>
<tbody>
<tr>
<td>0815</td>
<td>4926</td>
<td>Soerakarta</td>
<td>I-M</td>
<td>2C, 0S, 2C, 0S, 3C, 3C</td>
<td>5G, 4S, 2S, 2S, 4H, 3S</td>
</tr>
<tr>
<td>0820</td>
<td>1240</td>
<td>Shanghai</td>
<td>Man</td>
<td>5L, 7H, 8H, 8mu, 74mu, 75, 8mu, 8mu, 8mu, 8mu, 74mu, 7mu</td>
<td></td>
</tr>
<tr>
<td>0830</td>
<td>1260</td>
<td>Tientsin/Harbin</td>
<td>Chi</td>
<td>8, 7H, 3L, 7A, 8, 8L, 8L, 8H, 8H, 3S, 6mu, 8</td>
<td></td>
</tr>
<tr>
<td>0835</td>
<td>7010</td>
<td>Kweiyang</td>
<td>Man</td>
<td>64C, 0</td>
<td>L, 6C, 7C, 7C, 7C, 6C, 7C, 7C, 3W</td>
</tr>
<tr>
<td>0840</td>
<td>823</td>
<td>Shanghai</td>
<td>Chi</td>
<td>2S, 8H, 8H, 3A, 8H, 8HA, 8S, 7H, 6H, 1H, 3H, 8H</td>
<td></td>
</tr>
<tr>
<td>0845</td>
<td>10062</td>
<td>Rangoon</td>
<td>Eng</td>
<td>0</td>
<td>2C, 0</td>
</tr>
<tr>
<td>0850</td>
<td>8000</td>
<td>Pandoen</td>
<td>Dat</td>
<td>7C, 3C, 7H, 7H, 0, 0, 8C, 6C, 7C, 7C, 4C, 0</td>
<td></td>
</tr>
<tr>
<td>0200</td>
<td>7076</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>7C, 8</td>
</tr>
<tr>
<td>0230</td>
<td>9553</td>
<td>Hangchow</td>
<td>Man</td>
<td>0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0</td>
<td></td>
</tr>
<tr>
<td>0235</td>
<td>1270</td>
<td>N. China</td>
<td>Man</td>
<td>7C, 3S, 2S, 6L, 7L, 7H, 9, 9, 9, 9, 9, 9, 9, 6Smu, 0S</td>
<td></td>
</tr>
<tr>
<td>Time (EST)</td>
<td>Call</td>
<td>Freq</td>
<td>Station</td>
<td>Pgm</td>
<td>Lang</td>
</tr>
<tr>
<td>-----------</td>
<td>-------</td>
<td>------</td>
<td>------------</td>
<td>-----</td>
<td>------</td>
</tr>
<tr>
<td>0850</td>
<td>XRPA</td>
<td>620</td>
<td>Tientsin</td>
<td>N</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4900</td>
<td>Colombo</td>
<td>N</td>
<td>Eng</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7500</td>
<td>Moet Antera</td>
<td>N</td>
<td>I-M</td>
</tr>
<tr>
<td>0900</td>
<td></td>
<td>11778</td>
<td>Saigon</td>
<td>N</td>
<td>Eng</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6193</td>
<td></td>
<td>N</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9680</td>
<td>Randoeng</td>
<td>N</td>
<td>I-M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9265</td>
<td>Makassar</td>
<td>N</td>
<td>Dut</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6370</td>
<td>Batavia</td>
<td>N</td>
<td>I-M</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4825</td>
<td>Singapore</td>
<td>N</td>
<td>Eng</td>
</tr>
<tr>
<td></td>
<td>XORA</td>
<td>900</td>
<td>Shanghai</td>
<td>PP</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td>XLA13</td>
<td>1060</td>
<td>Shanghai</td>
<td>N</td>
<td>Chi</td>
</tr>
<tr>
<td>0910</td>
<td>XLPB</td>
<td>680</td>
<td>N Man</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0915</td>
<td>XGGG</td>
<td>560</td>
<td>Chengtu</td>
<td>N</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td>XKDA</td>
<td>885</td>
<td>Sian</td>
<td>T</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td>XTPA</td>
<td>780</td>
<td>Canton</td>
<td>T</td>
<td>Man</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11650</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>YHP5</td>
<td>7418</td>
<td>Soerakarta</td>
<td>N</td>
<td>Eng</td>
</tr>
<tr>
<td>0920</td>
<td>XRPA</td>
<td>1110</td>
<td>Tientsin</td>
<td>N</td>
<td>Man</td>
</tr>
</tbody>
</table>

**Confidential**
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Pgm</th>
<th>Leng</th>
<th>February</th>
<th>March</th>
</tr>
</thead>
<tbody>
<tr>
<td>0920</td>
<td>XURU</td>
<td>7220</td>
<td>Tai Pei</td>
<td>N</td>
<td>Man</td>
<td>7H 7C 8H</td>
<td>7C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1020</td>
<td></td>
<td></td>
<td></td>
<td>8 7 5L 8A</td>
<td>5mu 8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>670</td>
<td></td>
<td></td>
<td></td>
<td>8 9 8S 0</td>
<td>0</td>
</tr>
<tr>
<td>0925</td>
<td>XGUS</td>
<td>7530</td>
<td>Nanking</td>
<td>N</td>
<td>Eng</td>
<td>- - 9 0</td>
<td>9C 9C</td>
</tr>
<tr>
<td>0930</td>
<td></td>
<td>5620</td>
<td>Djokjakata</td>
<td>N</td>
<td>I-M</td>
<td>4C 0 0L</td>
<td>0G 0G</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6654</td>
<td>Hankow</td>
<td>N</td>
<td>Man</td>
<td>8 7G 8Q</td>
<td>8/9 8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1160</td>
<td></td>
<td></td>
<td></td>
<td>6C 8C 6C</td>
<td>80mu</td>
</tr>
<tr>
<td>0935</td>
<td>XUPF</td>
<td>8350</td>
<td>Amoy</td>
<td>T</td>
<td>Man</td>
<td>- - 5C 6C</td>
<td>5G 4C</td>
</tr>
<tr>
<td>0945</td>
<td>XDMA</td>
<td>840</td>
<td>Peiping</td>
<td>N</td>
<td>Chi</td>
<td>8/9 7/8 6L</td>
<td>7A 7A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>890</td>
<td>N, China</td>
<td>T</td>
<td>Chi</td>
<td>9 7A 6L</td>
<td>0 3A 4A</td>
</tr>
<tr>
<td>0950</td>
<td>X...</td>
<td>790</td>
<td>Shanghai</td>
<td>N</td>
<td>Eng</td>
<td>9 7A 9mu</td>
<td>8mu 9mu 9mu</td>
</tr>
<tr>
<td>1000</td>
<td>XGOG</td>
<td>560</td>
<td>Chengtu</td>
<td>T</td>
<td>Men</td>
<td>9 8L 9 7SA</td>
<td>5S 5S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6193</td>
<td></td>
<td></td>
<td></td>
<td>- - - - 8H</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11778</td>
<td></td>
<td></td>
<td></td>
<td>- - 9 9 8</td>
<td>8</td>
</tr>
</tbody>
</table>

**CONFIDENTIAL**
<table>
<thead>
<tr>
<th>Time (EST)</th>
<th>Call</th>
<th>Freq</th>
<th>Station</th>
<th>Feb 26</th>
<th>Feb 27</th>
<th>Feb 28</th>
<th>Mar 1</th>
<th>Mar 2</th>
<th>Mar 3</th>
<th>Mar 4</th>
<th>Mar 5</th>
<th>Mar 6</th>
<th>Mar 7</th>
<th>Mar 8</th>
<th>Mar 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>1005</td>
<td>XPRA</td>
<td>6400</td>
<td>Kunming</td>
<td>N</td>
<td>Man</td>
<td></td>
<td>7</td>
<td>7C</td>
<td>7C</td>
<td>8C</td>
<td>6/7C</td>
<td>0</td>
<td>4SC</td>
<td>5AH</td>
<td>4C</td>
</tr>
<tr>
<td>1010</td>
<td></td>
<td>11000</td>
<td>Free Indonesia</td>
<td>N</td>
<td>Arab</td>
<td>7/8</td>
<td>7</td>
<td>7/3</td>
<td>8Q</td>
<td>8</td>
<td>8</td>
<td>7/8</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10365</td>
<td>Batavia</td>
<td>E</td>
<td>Dut</td>
<td>8</td>
<td>8</td>
<td>8C</td>
<td>7C</td>
<td>8</td>
<td>9</td>
<td>6C</td>
<td>8</td>
<td>7F</td>
<td>7H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>995</td>
<td>Chungking</td>
<td>FP</td>
<td>Man</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>1015</td>
<td>VUV</td>
<td>730</td>
<td>Hyderabad</td>
<td>N</td>
<td>Eng</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>5</td>
<td>6</td>
<td>6A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>815</td>
<td>Sining ?</td>
<td>N</td>
<td>Man</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8A</td>
<td>6</td>
<td>6</td>
<td>7A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6A</td>
</tr>
</tbody>
</table>
SECRET

MEMO FOR RECORD:

Report from CIC Det offers info on a purported unauthorized radio station, transmitting communistic propaganda, heard in Amami-O-Shima. As the time and wavelengths correspond to that of the Moscow, in Japanese, to Japan daily transmission, the only question left unanswered is the reported long wave transmission. Copy of report to A.S.A.

PA 26-5748

GE/CIS

G-2, GENERAL HEADQUARTERS, FAR EAST COMMAND, APO 500

TO: Assistant Chief of Staff, G-2, Ryukyu Command, APO 331

1. Receipt acknowledged of copies 1 and 3 of summary of information on unauthorized radio station heard in Amami-O-Shima.

2. Time and wavelengths correspond to the regular four daily short wave broadcasts from Moscow, in Japanese, beamed at Japan.

For the Assistant Chief of Staff, G-2:

C. S. NIXER
Colonel, GSC
Executive Officer
APOL 500
1st March 1947

GE/OPNS

SUBJECT: Reception of Propaganda Broadcasts by Koreans

TO: Assistant Chief of Staff G-2, XXIV Corps, APO 235

1. Reference is made to letter, Military Intelligence Section, GHQ, Far East Command, subject: "Reception of Moscow Broadcasts by Korean Civil Population", sent you 15 January 1947. No reply has as yet been received.

2. It is requested that as much of the information which is called for therein be furnished to cover broadcasts originating in Moscow and elsewhere in Soviet controlled areas.

For the Assistant Chief of Staff, G-2:

C. S. MYERS
Colonel, GSC
Executive Officer.

1 Incl:
Let GE/OPNS, G-2 GHQ, FEC, 15 Jan 47

MEMO FOR RECORD:

Letter referred to in par 1 above was sent to G-2 XXIV Corps requesting certain information needed to determine extent to which it is possible for Korean civil population to listen to propaganda broadcasts, based on number and types of sets available, condition, distribution, etc. No answer has been received. Information is needed in order to properly evaluate the effect of these broadcasts.

A similar letter was sent to Civil Comm Sec, GHQ for Japan and answer has been received, but study cannot be completed without similar information on Korea.

A. K. duln. – 22736
SECRET

APO 500
15 January 1947

SUBJECT: Reception of Moscow Broadcasts by Korean Civil Population.

TO: Assistant Chief of Staff, G-2, XXIV Corps, APO 235.

1. Propaganda broadcasts beamed at Japan and Korea tend to distort facts and are aimed at discrediting the Occupation. Information is requested as to the extent to which it is possible for the Korean civil population to listen to such broadcasts from Moscow or other Soviet areas.

2. In this connection the following information is desired:
   a. Number of radio sets in possession of Koreans capable of receiving such broadcasts.
   b. Pre-surrender and current restrictions or regulations governing the use of such sets.
   c. Distribution of such sets on a per capita and geographical basis.
   d. General condition of such sets and availability of replacement parts.
   e. Extent to which new sets are available for the Korean home market.
   f. Estimate of number of persons actually hearing such broadcasts.
   g. Estimate of extent of further dissemination of such broadcasts by other means after initial receipt.

For the Assistant Chief of Staff, G-2

MEMO FOR RECORD:
Requesting necessary information for inclusion in staff study on Propaganda Broadcasts by Soviets beamed at Korea and Japan. Information is required as possible basis for recommendation for appropriate countermeasures.

F.D.S.
Reception of Moscow Broadcasts by
Japanese Civil Population.

Civil Communications Section. 11 Jan 47

1. Propaganda broadcasts beamed at Japan and Korea tend to distort
facts and are aimed at discrediting the Occupation. Information is
requested as to the extent to which it is possible for the Japanese civil
population to listen to such broadcasts from Moscow or other Soviet
areas.

2. In this connection the following information is desired:
   a. Number of radio sets in possession of Japanese capable
      of receiving such broadcasts.
   b. Pre-surrender and current restrictions or regulations
governing the use of such sets.
   c. Distribution of such sets on a per capita and geo-
      graphical basis.
   d. General condition of such sets and availability of
      replacement parts.
   e. Extent to which new sets are available for the Japanese
      home market.
   f. Estimate of number of persons actually hearing such
      broadcasts.

---

C.A.W.

---

MEMO FOR RECORD:

Requesting necessary information for inclusion in staff study
on Propaganda Broadcasts by Soviets beamed at Korea and Japan.
Information is required as possible basis for recommendation for
appropriate countermeasures.

F.D.S.

SECRET

000:77 Broadcast
GENERAL HEADQUARTERS
FAR EAST COMMAND
Military Intelligence Section, General Staff

APO 500
10 January 1947

Chief, Pacific Bureau
Foreign Broadcast Information Branch
Room 204 A - Hibiya Hall
Tokyo, Japan

Subject: Foreign Broadcast Intercepts in Tokyo.

1. Reference to your letter of 7 January 1947, subject "Moscow Radio Intercepts," you are authorized to transmit such items from broadcasts monitored by you as come within the criteria expressed in your letter, i.e., (1) items dealing with Far Eastern affairs; (2) derogatory comments on American policy, subject to the following stipulations:

   (a) 8-2 will be furnished promptly, through your liaison officer, a summary of each monitored broadcast together with a complete text of all material selected for transmission. Both summaries and texts to be in duplicate.

   (b) It is understood that you will keep all recordings for 7 days and that during that time you will furnish 8-2, on request, the text of any item desired.

2. It is desired that you submit to this section, prior to transmission, any broadcast items not falling under either of the criteria mentioned in paragraph 1.

3. Acknowledgment of receipt of this letter is requested.

C. A. MILLAUGHBY
Brigadier General, G.S.C.
Ass't Chief of Staff, G-2
CONFIDENTIAL

FAR EAST COMMAND

Post Censorship of Broadcasts

G-2
Chief of Staff,
Thru: D O/S, FEC

10 SEP 1947

1. With the approval of Chief of Staff, FEC, all stations of the Broadcasting Corporation of Japan were placed on post-censorship, effective 1 August 1947, with the exception that questionable material concerning the Allied Powers and the Occupation or its objectives be submitted for pre-censorship (prior to broadcast).

2. Report on the initial 31-day period on post-censorship (Incl #1) shows that:

   a. All questionable broadcast material concerning the Allied Powers, or the Occupation and its objectives was submitted for pre-censorship as directed.

   b. All Japanese radio stations have taken great pains to insure that both pre- and post-censored material conforms to the Radio Code for Japan.

   c. 95.6% of the material submitted was passed in entirety or approved in post-censorship.

   d. Placing Japanese broadcast stations on post-censorship has been welcomed by all local stations, numbering forty-four, and has resulted in an increase of material broadcast.

3. Recommend that:

   a. Continued relaxation of censorship be effected by placing on post-censorship all press, pictorial and broadcast agencies, which have demonstrated sufficient responsibility to conform to Press Code for Japan. This relaxation to be put into effect gradually at the discretion of the Civil Censorship Officer, with the requirement that currently pre-censored media continue to submit for pre-censorship questionable material concerning the Allied Powers, and the Occupation or its objectives.

   b. Currently pre-censored agencies, which have flagrantly failed to conform to Press Code for Japan be continued on a pre-censorship basis until their censorship record justifies transfer.

       Bunching

600,77 / Broadcasts
CONFIDENTIAL

FAR EAST COMMAND

Post Censorship of Broadcasts

G-2

Chief of Staff,

Thru: D C/S, FTO

CIS/OOD: VBF/BJW/as

10 SEP 1947

(1)

4. Upon approval of above recommendations all book publishers in Japan
Cont'd) will be placed immediately on a post-censorship basis, with exceptions as
noted in paragraph 3 above.

1 Incl: Rpt on Broadcasts,

C. A. W.
dtd 2 Sept 47

MEMO FOR RECORD: 1. In accordance with Check Note No. 3, dated 19 July 1947,
from G-2 to CIS, subject as above, directing that report be forwarded after one
month's observation of the new plan, the attached summary of operations of Jap-


W. B. F. (9 Sept 47)
Phone 26-6905

2
HEADQUARTERS
CIVIL CENSORSHIP DETACHMENT
Press, Pictorial and Broadcast Division

5 September 1947

MEMORANDUM:

SUBJECT: Post-Censorship of Broadcasts

The following summary of operations of Japan Broadcasting Corporation stations during the month of August is hereby submitted. During this period, these stations were on a post-censorship basis except for the requirement that questionable material concerning the Allied Powers and the Occupation or its objectives be submitted for precensorship (prior to broadcast).

1. After an initial disinclination to shoulder the responsibility of submission to post-censorship, most central stations during this period have interpreted the phrase "material referring to the Allied Powers, and the Occupation or its objectives" on a very broad scope to mean submission of material for precensorship whenever possible. This hesitance in adopting the new procedure was particularly evident in Station JOAK, Tokyo, which requested permission to submit all newscasts for precensorship. This request was denied, but percentage of material which is submitted for pre-censorship in Tokyo is still in excess of other areas as illustrated by the table below:

<table>
<thead>
<tr>
<th>AUGUST</th>
<th>JULY</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Pre-censored Items</td>
<td>5586</td>
</tr>
<tr>
<td>No. Deletions</td>
<td>18</td>
</tr>
<tr>
<td>No. Suppressions</td>
<td>5</td>
</tr>
<tr>
<td>No. Post-Censored Items</td>
<td>3133</td>
</tr>
<tr>
<td>No. Disapproved*</td>
<td>0</td>
</tr>
<tr>
<td>% Passed</td>
<td>100.0%</td>
</tr>
<tr>
<td>Total Items Submitted</td>
<td>August —15,116</td>
</tr>
</tbody>
</table>

*These two disapproved items were contained in speeches by candidates in recent by-elections for House of Councillors and consisted of inappropriate reference to SCAP.
2. In general, the eight central stations were not particularly enthusiastic over the shift of responsibility and in District II, Osaka, for instance, station officials stated they made their program up one month in advance and actually had the scripts prepared two weeks prior to actual broadcasting time so that copies could be forwarded to SCAP's OIMF Section. Inasmuch as the scripts had to be prepared far in advance regardless of censorship relaxation, they preferred to submit for pre-censorship rather than have the responsibility of designating only specific material for pre-censorship action.

3. Conversely, the number of scripts originated in the forty-four local stations has increased, with a decided upswing in utilization of Local News Bureau. Local stations formerly had to send all scripts to OSS personnel located at the eight central stations and were inconvenience more than the central stations by the requirement for pre-censorship of scripts. The local stations have expressed great appreciation of the new policy. The increase of total items broadcast in this period is largely attributable to local station originations.

4. There were no procedural violations and very few pre- or post-censorship scripts which were objectionable -- an indication of the extreme caution with which Japanese stations are proceeding under the new system and an indication of the scrupulous conformance with existing policies and in the past six months on a pre-censorship basis which has passed censorship averages 97.8% as contrasted to 99.6% passed in the first thirty days trial period after change to post-censorship.

5. Since this major relaxation of censorship, additional emphasis has been placed on monitoring to assure conformance and to maintain close surveillance for information purposes.

6. Attention is invited to the fact that native caution would naturally prevail during the first thirty-day period of a procedural change of this scope, and censorship shall continue to maintain a close surveillance of Japanese broadcasting.
CONFIDENTIAL

...