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29 April 1944

MEMORANDUM: GI

Subject : The BRUSA Circuit.

1. Commencing about 1 June 1944, the British-U.S. Radio Intelligence (BRUSA) circuit will be established for the exchange of Communication Intelligence material between U.S. and British Stations. It is contemplated that on 1 June it will be effective for Technical Information only, and that on 1 July it will be made effective for Decryption and Traffic Intelligence also.

2. This circuit will carry Technical Information, Decryption Intelligence and Traffic Intelligence in accordance with current agreements and instructions; those now current are discussed below.

3. Definitions :

Decryption Intelligence (DI) consists of intelligence derived from the decryption and translations of enemy radio messages.

Traffic Intelligence (TI) consists of intelligence derived from enemy radio communications by all other methods than actual decryption.

Technical Information :

Traffic Intelligence Technical Information : call sign identifications, call sign ciphers, frequency information, circuit information, and similar types of information of interest to the traffic analyst.

Decryption Intelligence Technical Information : all recoveries (code, additive, key, etc., in all systems), crypto-intelligence summaries, cross-cribs, raw traffic when requested, and similar information of interest to the cryptanalyst and translator.

4. DI and TI on this circuit will include, in addition to Naval Radio Intelligence, Naval Air Radio Intelligence available at the stations, and Army Air Radio Intelligence with which stations obtain from British sources.

5. The circuit will also be available for the transmission of such periodic summarized Radio Intelligence bulletins as the various Fleet Commanders deem necessary to send.

6. The establishment of this circuit does not alter the instructions concerning the use of the circuit now in use among U.S. Naval Communication Intelligence stations only.

7. Any changes or modifications affecting the BRUSA circuit after it is established will be promulgated in identical messages, originated by Washington for U.S. Stations and by London for British stations, after agreement had been reached between these two.

8. Information which will be sent on the BRUSA circuit :

- (a) Items selected by the British Liaison Officer at a station may be sent upon being released by the Officer-in-Charge of the U.S. Station.
- (b) Traffic Intelligence Technical Information : this will normally originate in GX, and should not come through GI.
- (c) Decryption Intelligence Technical Information : this will normally originate in GW, GY, or GZ, and should not come thru GI.
- (d) Decryption and Traffic Intelligence originated or released in GI : when the Decryption and Traffic Intelligence phase of this circuit is placed into effect about 1 July, items placed thereon by U.S. stations will be confined initially to radio intelligence indication major strategic moves in any area, and any details bearing upon operations in the Indian Ocean area. Negat will inform FRUPAC and FRUMEL of any extension of this policy, while the latter two stations may be guided in their selection of items by observing those placed on the BRUSA circuit by Negat.

The Negat GI section has been passing this type of information to London for two years, and successfully defines it as :

"Radio Intelligence which

- 1. Bears upon operations in the Indian Ocean area.
- 2. Concerns Japanese codes and ciphers, including all ciphers.
- 3. Would hold particular interest for the British, (such as messages relating to British personnel, ships, cryptographic systems, and devices, German and Italian operations in the Pacific area, etc.).

In determining whether information "bears upon" operations in the Indian Ocean area, no rigid rules can be applied — the controlling question should be whether, charged with the responsibility for all operations in the Indian Ocean area, the information in question would be useful to the British. Merely by way of example, such information would include that concerning ships and units at or moving to Singapore and other points on the Indian Ocean side of Malaya, Sumatra, and Java (but not Australia). "

9. Miscellaneous notes :

- (1) British units use the ~~new~~ JN system indicators assigned by Negat.
- (2) Send the same translation information on the BRUSA circuit as on the COMB circuit (serial numbers, system indicators, date/time of origin, etc.). All times used will be (-) Z as on the COMB circuit.
- (3) Internal serial numbers will not be used on the BRUSA circuit at this time.
- (4) Precedence indicators on the BRUSA circuit will be the same as on the COMB circuit.
- (5) Station "S" will be equipped to enable them to continue to receive via the BRUSA circuit the TI Technical Information which is now sent to them; such despatches will be addressed to DAZE and double-headed to NCO for information. This will be taken care of by GX and CO, since all of the ~~the~~ TI Technical Information originates in GX.
- (6) Continue to address Mid-Pacific D/F Fixes despatches to DEBT; if any D/F position in one of these despatches answers to the description in paragraph 8(d) above, send that particular fix to DISC JOMEX.
- (7) Volume control : when the DI and TI phase of the BRUSA circuit is placed into effect, GI will control the volume of the DISC FOMOF traffic in the same manner that we now control ~~in~~ it for the COMB COPEX traffic.

10. Participating stations and the collective calls used :

<u>U.S.</u>	<u>BRUSA</u>
<p><u>COMB</u></p> <p>NEGAT PRUPAC FRUMEL COMINCH CINCPAC COM 3rd FLEET</p>	<p><u>DISC</u></p> <p>NEGAT (TOTD) PRUPAC (DARE) FRUMEL ER(T2W) GCGS (London) (BVX) FRUEF (Colombo) (BJJ) CINCPAC COM 3rd FLEET COM 7th FLEET</p>
<p><u>TURA</u></p> <p>NEGAT PRUPAC FRUMEL</p>	<p><u>DEBT</u></p> <p>NEGAT PRUPAC FRUMEL HAINGHINE</p>
	<p><u>DAZE</u></p> <p>NEGAT PRUPAC FRUMEL GCGS (London) FRUEF (Colombo)</p>

System indicators to be used :

	<u>U.S.</u>	<u>BRUSA</u>
DI -	<u>COPEK</u>	<u>FOCOP</u> J
TI -	<u>CEYH</u>	<u>JOEM</u> F
DI Tech. -	<u>COPEK</u>	<u>FOCOP</u> J
TI Tech. •	<u>CEYH</u>	<u>JOEM</u> F

Usual addressees :

<u>U.S.</u>	<u>BRUSA</u>
<u>OCNE</u>	<u>DISC</u>
<u>COMB</u>	<u>DISC</u>
<u>TUNA</u>	<u>DAZE</u>
<u>DEBT</u>	<u>DAZE</u> (double-headed to NCO for info).

CinCPac, Com 3rd Fleet, and Com 7th Fleet will only receive despatches addressed to DISC. They will not originate despatches to DISC or DAZE except through the designated BRUSA station, and with the actual originator encrypted in the text. Normally, messages dealing with Technical Information will be sent to DAZE only, or to specific station(s) when all under DAZE are not addressed.

11. Identify the source and addressees in a manner similar to our present system : x e.g.,

(FRUPAC 011400 July 44: DISC:FOCOP)

(NEGAT 011410 JULY 44 : DISC JOEM).

12. Attached is a list of Japanese unit designations as used by the British and U.S. Navies.

S.Bertolat