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~~U. S. EYES ONLY~~BRUSA COMSEC CONFERENCEU.S.
FIRST MEETING OF THE PLENARY COMMITTEE

1 September 1950

Members present:

Rear Admiral Earl E. Stone, USN, Chairman
Major General H. M. McClelland, USAF
Colonel R. H. Lynn, USAF

Members absent:

Colonel S. P. Collins, USA
Captain J. N. Wenger, USN

Also present:

✓ Mr. W. F. Friedman, Chairman, Executive Committee
Captain H. O. Hansen, USN, Executive Committee
Captain J. S. Harper, USN, Executive Committee
Colonel R. C. Sears, USAF, Executive Committee
Captain L. F. Safford, USN, Sub-Committee A
Dr. A. Sinkov, Sub-Committee B
Lt. Colonel R. H. Horton, USA, Executive Committee

1. Admiral Stone opened the meeting by referring to the J.C.S. 2074 Series as background material. He explained that the conference had two purposes:

a. To explore with the British a suitable replacement for the Combined Cipher Machine. The U. S. has proposed the seven-rotor BCM (and the smaller PCM) as its replacement and the task of the committee is to demonstrate it, explain it and endeavor to determine if it is acceptable to the British.

b. To exchange cryptographic principles with the British on a reciprocal basis and within the limitations imposed by the Joint Chiefs of Staff. He emphasized that all disclosures must be within these limitations and stated that it was essential that all U. S. personnel become thoroughly conversant with the provisions of the J.C.S. 2074 Series.

2. The Agenda for the opening Plenary Session on or about 20 September 1950 was read. (Enclosure 1) Welcoming remarks would be made by Admiral Stone and General McClelland, followed by Mr. T. R. W. Burton Miller, head of the British mission. General McClelland agreed to explain the structure and functions of the JCEC in his remarks.

3. U. S. Committee structure and U. S. membership of Sub-Committees and Working Groups were read and discussed. (Enclosure 2)

4. Admiral Stone announced that it was his intention to entertain the United Kingdom delegation at a luncheon and to request one of the Services to provide additional entertainment as might be required and as a minimum, one cocktail party.

5. Certain questions regarding guidance from the Plenary Committee were raised by Mr. Friedman as a result of a meeting of the Executive Committee held that morning. The discussion of these questions was postponed by Admiral Stone, who announced that there should be a meeting of a larger group, to include the working groups, to discuss and agree upon limitations placed upon the U. S. members. This meeting is to be held in approximately one week, or as soon as the U. S. composition of all committees has been determined.

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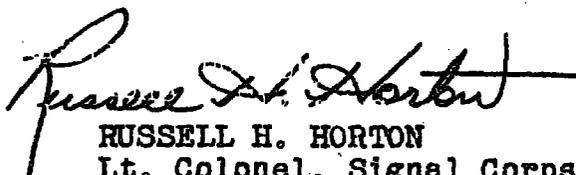
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6. A question was raised as to the advisability of discussing the CCM (CSP 1700) as a NATO cipher machine. Admiral Stone stated that such discussions were outside the scope of the forthcoming combined conference and would not be discussed. If the subject is brought up by the British, and it cannot be tactfully dismissed, the matter is to be referred to Admiral Stone or General McClelland.

7. At the Plenary Sessions verbatim minutes are to be recorded. Other committees will utilize highlight notes for record purposes. A summary of the work and a final report of the conference will be prepared.

8. The question of presenting the British with security studies, operating instructions, drawings, etc. was raised. Admiral Stone directed that registered documents not be made available to the British by AFSA but that, if necessary, such documents could possibly be supplied by the Service Cryptologic Agency having cognizance. This did not, however, necessarily preclude the U. S. committees from providing certain drawings and other details, but complete publications would usually not be made available. Careful screening of material was stressed to the end that complete compliance with Joint Chiefs of Staff intentions and instructions would be insured. JCS 927/56 is pertinent, as well as JCS 2074 series.

9. Colonel Lynn commented that the ASAY-8 had been included on the list of equipments to be disclosed but that no mention of the ASAY-6 had been made. He considered it essential that such disclosures be made since the ASAY-6 was the only ciphony equipment that would be available within the near future for use in higher-echelon combined communications. The Committee felt that the addition of this item of equipment to the already authorized list would require approval of AFSAC. After some discussion it was decided to have Working Group No. 4 give early consideration as to the advisability of including the ASAY-6 on the list for disclosure and discussion. Concurrence of AFSAC would be requested by vote sheet if it was decided to disclose the equipment.



RUSSELL H. HORTON
Lt. Colonel, Signal Corps
In the absence of the Secretariat

APPROVED:



EARL E. STONE
Rear Admiral, U. S. Navy
Chairman

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AGENDA FOR
Opening Plenary Meeting
BRUSA COMSEC CONFERENCE

to be held on
20 September 1950
in the Lounge of the
Navy Communication Station,
3801 Nebraska Avenue, Washington

1. Welcoming Remarks by Admiral Earl E. Stone, USN, Director, Armed Forces Security Agency and by the Director, Communications-Electronics, Major General H. M. McClelland, USAF.
2. Remarks by Mr. T. R. W. Burton Miller, Secretary of the Cypher Policy Board, Head of British Delegation.
3. Designation of Chairman of Conference.
4. Review of the General Agenda for the Conference.
5. Designation of Committees and Subcommittees, and indication of items of their cognizance.
6. General instructions to Committees and Subcommittees.
7. Closing remarks by Chairman of Conference.

Enclosure 1

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U. S. Representation and Committees
for
BRUSA COMSEC CONFERENCE
to be held in Washington at Hq AFSA
September 1950

A. PLENARY COMMITTEE

Rear Admiral Earl E. Stone, USN, DIRAFSA, Chairman
Major General H. M. McClelland, USAF, Director, Communi-
cations-Electronics
Colonel S. P. Collins, USA, DDA-OOA
Captain J. N. Wenger, USN, DDA-OOB
Colonel R. H. Lynn, USAF, DDA-OOO
Secretariat: Lieutenant J. W. Pearson, USN, AFSA-12
Mr. H. D. Jones, AFSA-12

B. EXECUTIVE COMMITTEE

Mr. W. F. Friedman, AFSA-14, Chairman
Captain H. O. Hansen, USN, AFSA-04
Captain J. S. Harper, USN, AFSA-03
Colonel R. C. Sears, USAF, AFSA-03
Lt. Colonel R. H. Horton, USA, AFSA-12 (Member and Recorder)
Secretariat: Lieutenant J. W. Pearson, USN, AFSA-12
Mr. H. D. Jones, AFSA-12

C. SUBCOMMITTEE A (FOR CCM-BCM-PCM MATTERS ONLY)

Captain L. F. Safford, USN, AFSA-11, Chairman
Commander F. C. Concannon, USN, JCEC (Alternate: Commander
F. A. G. Kelly, USN)
Major T. J. Trainor, USA, JCEC (Alternate: Major J. R.
Carpenter, USA)
Major J. M. Anderson, Jr., USAF, JCEC (Alternate: Major
R. E. Larson, USAF)
_____, ASA
_____, Op-202
_____, AFSS
Commander D. W. Seiler, USN, AFSA-04
Dr. A. Sinkov, AFSA-04 (Alternate: Mr. R. H. Shaw)
Colonel R. C. Sears, USAF, AFSA-03 (Alternate: Mr. Leo Rosen)
Mr. Mark Rhoads, AFSA-14

D. SUBCOMMITTEE B (FOR MACHINES AND SYSTEMS OTHER THAN CCM)

Dr. A. Sinkov, AFSA-04, Chairman
Commander G. W. Linn, USN, JCEC (Alternate: Commander F. A. G.
Kelly, USN)
Lt. Colonel A. L. Burke, USA, JCEC (Alternate: Capt. R. H.
Kiley, USA)
Major G. E. Parr, USAF, JCEC (Alternate: Major R. E. Larson, USAF)
_____, ASA
_____, Op-202
_____, AFSS
Mr. Frank Austin, AFSA-04
Dr. S. Kullback, AFSA-03 (Alternate: Mr. Leo Rosen)
Mr. J. H. Douglas, AFSA-12 (Representing AFSA-14)

Subcommittee B will have four Working Groups, as follows:

- (1) Working Group No. 1, for "Special purpose teleprinter systems for the exchange of intelligence material:"

Enclosure 2

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Commander A. Enderlin, USN, AFSA-13, Chairman
 Mr. George A. Porter, AFSA-02
 Mr. B. G. Erickson, AFSA-03
 Mr. Frank Austin, AFSA-04
 Dr. J. A. Sanford, AFSA-14

U. S. to demonstrate ASAM 2-1 and discuss it under the various headings of appendix to Enclosure A to AFSAC 63/1.

- (2) Working Group No. 2 for (a) "Low echelon (minor war vessels) telegraphic systems," and (b) "Merchant ship telegraphic systems:"

Commander J. C. Hargreaves, USN, AFSA-04, Chairman
 Mr. R. H. Shaw, AFSA-04
 Mr. J. A. Smith, AFSA-04
 Mr. Richard Chiles, AFSA-03
 Lt. Commander J. T. Pendergrass, USN, AFSA-14

U. S. to demonstrate or disclose the principles of the following machines or systems and discuss them under the various headings of Appendix to Enclosure A to AFSAC 63/1:

AFSAM-7

MCM

Paper and pencil systems
 Strip Systems

EO 3.3(h)(2)

PL 86-36/50 USC 3605

- (3) Working Group No. 3 for (a) "Meteorological security systems, including facsimile, teleprinter and telegraph," (b) "Air-ground request weather," and (c) "Aircraft movements:"

Mr. Howard C. Barlow, AFSA-03, Chairman
 Major Harry B. Blacksten, USAF, AFSA-04
 Mr. Robert M. Scott, AFSA-04
 Mr. Lynn Marsh, AFSA-03
 Mr. James H. Douglas, AFSA-12 (Representing AFSA-14)

U. S. to demonstrate or disclose the principles of the following machines and discuss them under the various headings of Appendix to Enclosure A to AFSAC 63/1:

NRL Cifax

ASAX-2

CSP 3800A

AFSAM-7

ASAM 2-1

ASAD 1

- (4) Working Group No. 4 for (a) "Voice security systems for tactical purposes," and (b) "Air-to-air, air-ground communications:"

Mr. C. C. Wright, AFSA-03, Chairman
 Lieutenant Dalton C. Ward, USN, AFSA-04
 Mr. Ryon A. Page, AFSA-04
 Mr. Thomas Prugh, AFSA-03
 Lt. Commander J. T. Pendergrass, USN, AFSA-14

U. S. to demonstrate or disclose the principles of the following machines or systems and discuss them under the various headings of Appendix to Enclosure A to AFSAC 63/1:

Y-9

Y-8

Y-4

BuAer Low echelon ciphony system

AFSAL 5104

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