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

12 September 1950

Present: Enclosure A.

1. A meeting of the U. S. Representation for the BRUSA COMSEC CONFERENCE was held in the NCS Lounge at 1400, 12 September 1950.
2. Admiral Stone explained that the purpose of the meeting was to acquaint all of the personnel who will be involved in the forthcoming US - UK discussions with the agenda, and with the limitations on the discussions; and particularly to give them an opportunity to ask questions so that everybody will know just what may or may not be discussed. He stated that much of the discussion will necessarily be TOP SECRET; that all of it is highly classified, and that there must be no inadvertent disclosures by unnecessary talk with the visiting British representatives outside of the conference sessions. He stated that files of the basic papers, which established the conference constitute the JCS 2074 series, will be available for reference by U. S. representatives.
3. Admiral Stone stated that the conference has two purposes:
  - a. Sub-Committee A will deal with the matter of a replacement for the Combined Cipher Machine. The Joint Chiefs of Staff have indicated that the U. S. will offer the 7-rotor BCM to the

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British as a replacement for the Combined Cipher Machine. When it becomes available, the U. S. will offer to the British the 7-rotor PCM which is a lightweight version of the 7-rotor ECM. Discussion of replacement for the CCM must be limited to these two machines—the 7-rotor ECM and the 7-rotor PCM.

b. Sub-Committee B will take care of the other part of the conference, which is an exploratory conference, to exchange information with the British on a reciprocal basis concerning U. S. developments in the cryptographic field which the JCS have approved for disclosure. The models and drawings that may be disclosed to the British have been officially approved by the Joint Chiefs of Staff and are specifically listed on U. S. EYES ONLY papers furnished the U. S. representatives.

4. Admiral Stone stressed that at the exploratory conference no agreements will be reached, and that no commitments will be made. He requested that discussion of the various U. S. machines be limited to the purposes for which they are being developed. Developments to be discussed come under the following categories:

- a. Special purpose teleprinter systems for the exchange of intelligence material.
- b. Low echelon (minor war vessels) telegraphic systems.
- c. Merchant ship telegraphic systems.
- d. Meteorological security systems, including facsimile, teleprinter and telegraph.
- e. Voice security systems for tactical purposes.

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5. Mr. Friedman raised a question with respect to the second category - Low echelon (minor war vessels) telegraphic systems. Specifically, he desired to know whether the item was limited to Naval systems or whether it was intended to include such items as assault codes, combat codes, and similar items for ground force operations. Colonel Collins commented that it was intended to include low echelon systems in general rather than being limited to Naval problems. Admiral Stone agreed that the broader interpretation was intended, which fact was borne out by the specific listing of various equipments and items in that category.

6. Mr. Barlow questioned the ASAY 9 being listed for discussion under Working Group No. 4. After some discussion it was agreed that permission would be requested from AFSAC to add the ASAY 6 to the list. It would not be necessary to ask AFSAC to remove the ASAY 9 from the list, but it would not be disclosed unless and until authorized by DIRAFSA. Demonstration and discussion of the ASAY 6 will be added to Working Groups No. 3 and 4. Mr. Small suggested that the correct AFSA nomenclature for the ASAY 6 be used in lieu of ASA nomenclature. There was no objection. (Correct AFSA nomenclature is AFSAY-806.)

7. Major Parr asked for Air Force representation on Working Group No. 4 and his request was granted.

8. Captain Safford recommended that an item on One-Time Tape Scramblers, including key production equipment, be included for discussion and recommended the establishment of Working Group No. 5 to consider it. Admiral Stone suggested that, if necessary, more people be added to the present working groups to consider the item and that it

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be considered tentatively by Working Group No. 1. The item is to be referred to AFSAC for approval as an additional item which may be disclosed.

9. Commander Hargreaves requested permission to include discussion of the PCM also under Working Group No. 2. Captain Hansen and Colonel Collins agreed that such discussion was in order. Admiral Stone approved.

10. Admiral Stone stated that the first (plenary) meeting of the conference would be held on or about 20 September,\* that the opening remarks will be made by Major General McClelland and himself. Designation of the Conference Chairman, Committee and Sub-Committee Chairmen will be made, and general instructions will be given to the Committees and Sub-Committees. The first plenary session will be followed by a meeting of the Executive Committee.

11. Admiral Stone stated that under no conditions would the British be given registered publications by AFSA. Nothing in written form is to be passed to the British except through DIRAFSA's office where it will be accounted for and will be passed formally to the head of the British delegation.

12. Mr. Friedman suggested that it would be desirable to have an agreement with the British stating that they will conform strictly to the conditions set forth in the basic JCS paper. Points to be covered in the proposed agreement include:

\*NOTE - Later set for 1430, 21 September 1950.

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- a. Request for information from a third party.
- b. Security of information.
- c. Information not be used for other than military purposes.
- d. Protection of individual patent rights.

13. Mr. Shaw raised the question as to the AFSAM 7 being discussed as the replacement for the CCM. He considered it quite possible that the British might propose the AFSAM 7 as a substitute for the CCM. Admiral Stone stated that such a possibility had been called to his attention. He stated that it would not be discussed as a replacement for the CCM since there was no JCS authority for such discussion. DIRAFSA pointed out that this matter had also been discussed, and a decision reached, by the Armed Forces Security Agency Council. The replacement for the CCM is to be discussed only on the basis of the 7-rotor BCM and the PCM.

14. Admiral Stone stated that there was one matter that he would like to be sure that everybody understood. There is not to be any discussion of the ECM principles or their applications and no disclosures in any form of the ECM/SIGABA. This limitation is to apply to the basic machine and to modifications such as the CSP 2900. The ECM is absolutely "out of the picture" so far as this conference is concerned.

15. Mr. Friedman raised a question regarding the operational and research and development aspects of the conference. He pointed out that the conference started out to be an exploratory conference on research and development matters and that the operational aspects of these equipments, their method and manner of distribution would not be

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undertaken for discussion. He further noted that in the Appendix to the Agenda for the Conference, approved by AFSAC, and which had been handed to the British, there are items dealing with desirable characteristics in general and the levels of employment. Mr. Friedman questioned the ability of the committee to restrict their discussions to the research and development aspects. Admiral Stone stated that the outline referred to should be very helpful in exploring all items to give us ideas. Admiral Stone stated while research and development was to be the basis for disclosures, that the equipments could be discussed in any manner desired, except that such discussions should not lead up to any commitments or agreements—nor in such a manner as to give the British any false hopes.

16. Captain Safford commented that it was his intention to demonstrate the Half-JODO (CSP 5100) to the British at the same time that the other equipments are demonstrated and wanted to make certain that his intentions were understood and approved. After some discussion it was agreed by all concerned that there were no objections to such demonstration provided that the U. S. was not committed to its use and with the understanding that if used, it would not necessarily be used at all times.

17. Commander Seiler suggested that a desk be set up where all conference papers could be cleared and requests for information coordinated. Admiral Stone requested that Mr. Friedman work out the suggestion.

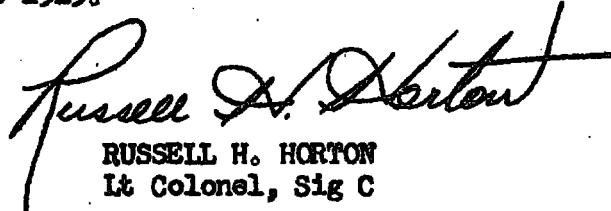
18. Mr. Friedman stated that meetings of the Working Groups will be held on the third deck of Building 17. He suggested that each of the

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Working Groups appoint a recorder who will be responsible for keeping summary minutes and forwarding them to the Executive Committee.

19. Mr. Friedman requested that the Chairman of the Committees and Sub-Committees get together with their Working Groups after the meeting.

The meeting adjourned at 1515.



RUSSELL H. HORTON  
Lt Colonel, Sig C

APPROVED:

For and in the absence of the Secretariat



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

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