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7 FEB 1961

~~SECRET~~MEMORANDUM FOR THE SECRETARY, MILITARY COMMUNICATIONS-ELECTRONICS
BOARD - JOINT ELECTRONIC WARFARE PANELSUBJECT: Amendments Proposed by France to ACP 178 (Maritime Electronic
Warfare Instructions) (C)REFERENCE: Note by the Secretaries to holders of C/EW 486/3/D (Agenda
Item No. C-141) dtd 24 October 1960

1. With regard to the amendments to ACP 178 which are proposed in the "Extract of French Memorandum" enclosed with reference and now being considered by a working group of the Joint Electronic Warfare Panel, NSA proposes the following position be taken by the U. S. Member, CEC, on the subparagraphs indicated:

a. - l.a., b., and c. Unnecessary in view of comments on l.d. below.

b. - l.d. Recommend not accept French amendment. Chapter 5 of ACP 178 as now written does allude to some advantages which can be derived from intercepting and studying an enemy's radio communications. These are presented, however, in the context of cautioning the reader that consideration must be given to these advantages accruing to an enemy when we are formulating our own electronic mission policy.

2. On the other hand the paragraphs 408-416 which the French have proposed discuss in some detail procedures for analyzing radio communications. These paragraphs are permissive rather than cautionary in nature and omit any mention of the special care which MC 64/2 provides must be taken to safeguard the source of or information pertaining to intelligence derived from intercepted radio communications.

3. The matter of analysis of radio communications as proposed by the French is outside the scope of ACP 178 but is one properly to be considered in implementation of the "NATO COMINT and ELINT Policy," which is now being prepared by SHAPE and SACLANF for presentation to the Standing Group and ultimate issuance as an MC document. SACLANF has recently discussed this draft policy with the U.S. as a Standing Group member. We understand that SHAPE will discuss it with the UK

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and France.

4. In connection with paragraph 2. of the French Memorandum NSA proposes the following concerning the indicated paragraphs:

a. Delete only 108c. - subparagraphs a. and b. still pertinent.

b. Considering the French proposed Chapter 6 entitled "Electronic Emission Security," and noting that it contains primarily COMMUNICATIONS transmission security material, NSA suggests that a revised Chapter 5, as attached at inclosure hereto, be instead proposed by the U. S. member to be included in ACP 178. In drafting the attached Chapter 5, NSA has broadened the scope of the French material by including it in a revision of the existing ACP 178, Chapter 5, entitled "Electronics Emission Policy."

5. This revised Chapter 5 includes three sections; the first two of which cover the material in the present Chapter 5 and the last of which covers the material the French proposed in their revised Chapter 6. It is accordingly believed that attachment should therefore meet the French requirements.

~~L. H. FROST~~

L. H. FROST
Vice Admiral, USN
Director

Incl:

a/s

cc:

DIR

AG

Reading File

PROD-03 (Mrs Brewer)

CSEC DOC (Mr. Dochez)

M/R: Self-explanatory. Coordinated with PROD-03 (Mrs. Brewer), CSEC DOC (Mr. Dochez).

P. L. COLLINS, Jr./OPS/4994s/23 Jan 61/ej

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cc: DLR (less incl)
 AG "
 Reading File "
 PROD-03 (Mrs Brewer)
 CSSEC DOC (Mr Dochez)
 OPS (less incl)

M/R: 1. ACP 178 was published in June 1960. The US member of the NATO Communications Electronics Committee (on which the UK and France are also represented) has asked the US Military Communications Electronics Board (MCEB) for a US position on comments on ACP 178 by a number of NATO Military Committee nations. MCEB referred the matter to its Joint Electronic Warfare Panel (JEWEP). As we have observers on the JEWEP, NSA has taken part in the preparation of US comments. NSA was asked to submit detailed comments on some major changes proposed by the French which are now being studied.

2. Paragraph 1 of the French comments proposes that Chapter 4 of ACP 178 (Location and Analysis of Binary Noncommunications Electronics Transmissions) be amended to include a section on "Analysis of Communication Transmissions". The reason given is that ACP 178 (Chapter 5) already alludes to "advantages which can be obtained by analysis of transmissions".

3. Paragraph 2 of the French comments suggests that a chapter entitled "Electronic Emission Security" be added to ACP 178. The strengthening of ACP 178 on this subject is desirable. Unfortunately, the French proposal is limited and deals primarily with Communications transmission security. NSA is proposing that this be changed to an "Electronic Emission Policy".

4. This is the second French attempt to gain the inclusion of exactly the same material in ACP 178. This material was in fact included in the document as it was originally prepared in working draft by the UK (1957). When NSA reviewed the draft in 1958 we recommended the material be deleted on the basis that analysis of communications transmissions was 'Y' rather than EW related and should be considered in NATO 'Y' channels. COMSEC considerations were excluded by NSA because at that time they should more properly have been included in ACP 122. MCEB agreed with NSA and the next working draft omitted this material.

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1959, the French sought the reinclusion of this material. The



5. Now that the French have again asked for the inclusion of the material in question the NSA position is based on (a) development of extended arrangements for COMINT/ELINT support of NATO Major Commanders providing the appropriate framework for consideration of "Analysis of Communication Transmissions" and (b) a change in the scope of ACP 122 permitting inclusion of Electronic Emission Security cautions in ACP 176.

6. Coordinated with PROD-03 (Mrs. Brewer), CSIC DOC (Mr. Dochez).

P. L. COLLINS, Jr/CPS/4994s/3 Feb 61/ej