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NORTH ATLANTIC MILITARY COMMITTEE

COMITE MILITAIRE DE L'ATLANTIQUE NORD

Standing Group

Groupe Permanent

REGRADED NATO UNCLASSIFIED

Per Authority IMSM-431-99

SGM-301-53

By JACOURE Date 9-11-99

2 March 1953

MEMORANDUM FOR: All Ministries of Defense (except Iceland) Secretary of Defense, Washington, D.C. Supreme Allied Commander Europe Supreme Allied Commander Atlantic Commander-in-Chief Channel

SUBJECT: Status of CCM Cryptosystems

It is requested that the following information be provided to all users of the Combined Cipher Machines:

a. All holders of the CCM Mark II (except submarines) and CCM Mark III will shortly be receiving new type rotors (AFSAR 3910-1, CCBP 0311-1), new instruction manuals (ACP 230(A) or ACP 231(C), and new type key lists (ACP 228(AA) and ACP 229(AA)) through cryptographic distribution channels.

b. All holders of the CCM Mark II should now have, or will receive shortly, instructions and kits to be used in modifying that equipment. New maintenance manuals will also be provided to CCM Mark II users.

c. The above material is being distributed in order that HERMES operation of the CCM may be replaced by LUCIFER operation. ACP 230(A) and ACP 231(C) contain details of LUCIFER procedures.

d. A target date of 1 May 1953 has been established for the introduction of LUCIFER. All modification work and training should be completed before that date.

e. The firm date for placing the LUCIFER key lists into effect will be promulgated later.

f. Authorities requiring communication with submarines, and submarines, must retain ACP 230 or ACP 231(B), which

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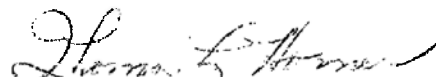
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contain the HERMES operating instructions, until the HERMES cryptosystem, ACP 235, can be replaced by a LUCIFER cryptosystem. A target date of 1 July 1953 has been established for that action.

g. The cipher machines AFSAM 25 and AFSAM 25A can be used only for HERMES operation but when modified to AFSAM 25B and AFSAM 25C they can be used for either HERMES or LUCIFER operation. No modification is required to the CCM Mark III to enable it to handle either HERMES or LUCIFER.

FOR THE STANDING GROUP:


THOMAS L. HORNER
Commander, USN
Assistant Secretary

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