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S.G. 171/10

16 March 1953

Pages 1 - 8 , incl.

REPORT BY THE COMMUNICATIONS ELECTRONICS COORDINATION SECTION

to the

STANDING GROUP

on

DISTRIBUTION OF THE COMBINED CIPHER MACHINE (CCM)
(CECS 15/7)

THE PROBLEM

1. To provide equitable distribution of the available CCM cryptographic equipment in order to permit maximum coverage of NATO forces.

FACTS BEARING ON THE PROBLEM

2. There are only a limited number of CCM cryptographic equipments available for distribution to the forces assigned to or which, in the event of an emergency, may be assigned to NATO.

3. The present distribution of these machines was covered by SGM-1768-52 and SGM-1769-52. However, since the date of issue of the foregoing, additional machines have been made available which permits a wider distribution than was permissible under the foregoing.

4. The requirements of the Supreme Commanders were obtained and the requirements of the nations were developed from the Assignment of Forces Available to NATO 31 December 1952 (S.G. 191/3). It is not necessary to provide equipment from NATO sources for the equipping of Canadian, UK and US forces inasmuch as these forces are presently equipped from national sources.

NO LONGER EFFECTIVE

DIST: A, B, C, D, E1, 7

DOCUMENT DESTRUCTION MEMO. # 282
4 Aug 61

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CONCLUSIONS

5. It is concluded that:

a. There is a need for an over-all distribution plan for the available CCM machines.

b. The proposed distribution as shown in the attached draft memorandum will provide the maximum utilization of the available CCM machines.

c. This distribution should be effected at the earliest possible date.

RECOMMENDATIONS

6. It is recommended that:

a. The Standing Group approve the above conclusions.

b. Upon approval, the draft memorandum at Enclosure be dispatched.

COORDINATION

7. Informal coordination has been effected with SACEUR and SACLANT and their requirements have been incorporated. No other coordination is deemed necessary.

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ENCLOSURE

COPY NO. _____

NORTH ATLANTIC MILITARY COMMITTEE
 COMITE MILITAIRE DE L'ATLANTIQUE NORD

Standing Group

Groupe Permanent

SGM-

MEMORANDUM FOR: All Member Nations (Except Iceland and Luxembourg)
 Supreme Allied Commander Europe
 Supreme Allied Commander Atlantic
 Allied Commander-in-Chief Channel
 European Military Communications Coordination
 Committee

SUBJECT: Distribution of the Combined Cipher Machine

References: a. SGM-1768-52
b. SGM-1769-52

1. Those portions of reference a pertaining to distribution of the CCM machine and Enclosure "B" to reference b are cancelled.

2. On _____ the Standing Group approved the following allocation of CCM machines to nations and supreme commanders:

	<u>TOTAL FOR USE</u>	<u>TRAINING & SPARES</u>	<u>OVERALL TOTAL</u>
BELGIUM	70	7	77
CANADA	8	-	8
DENMARK	84	8	92
FRANCE	372	37	409
GREECE	116	12	128
ITALY	263	26	289
NETHERLANDS	116	12	128
NORWAY	88	9	97
PORTUGAL	79	8	87
TURKEY	178	18	196
U.K.	36	-	36
U.S.	54	-	54
SACEUR	<u>198</u>	<u>20</u>	<u>218</u>
TOTAL	1662	157	1819

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Nations will distribute to Allied naval commands as shown in Appendix "A", to all national naval forces and to army and air units not assigned to SACEUR. SACEUR will distribute to all SACEUR forces and commands. The allocation to U.S., U.K. and Canada is for distribution to Allied commands as indicated in Appendix "A".

3. Quantities shown in the foregoing paragraph will be furnished to nations and Supreme Commanders who will make distribution in consonance with the following table of allowance:

<u>FORCE OR AUTHORITY:</u>	<u>MACHINES</u>
National Ministries (Army, Navy and Air, each)	2
Supreme Commanders	6
Hq Allied Commanders in Chief (CINC's)	6
Hq Allied Commands (Sub-area Commanders)	4
Hq Allied Army and Air Groups	4
Hq Armies and Tactical Air Forces	4
Hq Army Corps and Air Divisions	4
Major Fleet Base	4
Hq Army Divisions, Air Force Escadres, Wings, Groups	2
Hq National Districts and Commands (Army, Air and Naval Shore Authorities)	2
Island Commands, Patrol Force Commanders and other small Headquarters	2
Flag Officers (Vice Admiral)	2
Base (Naval or Maritime Air)	2
Major Ocean Going War Vessels (Carriers, Battleships, Cruisers)	2
Other Ocean-Going War Vessels (Submarines, Destroyers, Escorts)	1
Transient, Emergency or Alternate Base (Naval or Maritime Air)	1
Flag Officers (Rear Admiral)	1

4. It is desirable that authorities holding only one machine, and all ships, be equipped with the CCM Mk II. Each allocation will be adjusted to permit the issue of the Mk II equipment to those authorities who require only one machine and to ships. Those authorities designated by an asterisk (*) in Appendices "A", "B", "C", and "D" must be equipped with at least two (2) CCM Mk III equipments.

5. Details indicating the basis for total allotments are shown in Appendices "A", "B", "C" and "D". This basis was derived from the detailed requirements submitted by the Supreme Commanders and CINC CHANNEL and from S.G. 191/3 (The Assignment of Forces Available to NATO 31 December 1952).

6. Issue or transfer of equipment in accordance with this SGM will not be made until further notification.

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APPENDIX "A"SACLANT COMMANDS

(Distribution by nation indicated)

	<u>TOTAL</u> <u>CCM Machines</u>	<u>NATIONS</u>
SACLANT*	6	US
SACLANT (RESERVE)	20	US
DEPSAC*	2	UK
CINCEASTLANT*	6	UK
CINCAIREASTLANT*	6	UK
CINCWESTLANT*	6	US
COMSTRIKEFLTANT*	6	US
COMUSLANT*	4	US
COMOCEANLANT*	4	US
COMCANLANT*	4	CAN
COMAIRCANLANT*	4	CAN
COMNORLANT*	4	UK
COMAIRNORLANT*	4	UK
COMCENTLANT*	4	UK
COMAIRCENTLANT*	4	UK
COMBISLANT*	4	FRANCE
COMSUBEASTLANT*	4	UK
COMMOROCLANT*	4	FRANCE
COMCONTPTUGAL*	4	PORT
ISCOM GREENLAND	2	DEN
ISCOM AZORES	2	PORT
ISCOM ICELAND	2	US
ISCOM FAEROES	2	DEN
ISCOM BERMUDA	2	UK
COMPATFOR AZORES	2	US
COMPATFOR ICELAND	2	US
COMPATFOR BERMUDA	2	US
TOTAL	<u>116</u>	

APPENDIX "B"

SACEUR COMMANDS

(Distribution by SACEUR)

	<u>TOTAL CCM Machines</u>
SHAPE	20
CINCNORTH*	6
CINCSOUTH*(plus re.for DAT's)	30
CINCLANDCENT*	6
CINCAIRCENT*	6
FLAGCENT*	6
FLAGCENTSUBORDINATES	24
COMLANDSOUTHEAST*	6
CINCMED*	6
COMLANDGREECE*	6
ADVANCE CP SALONIKA*	6
COMLANDTURKEY*	6
COMALLIED TACAF SOUTHEAST EUROPE*	6
COMLANDNORWAY*	6
COMAIRNORTH*	6
COMNAVNORTH*	6
COMLANDSOUTHERN EUROPE*	6
COMAIRSOUTH*	6
COMNAVSOUTH*	6
COMZOMIT NAPLES*	6
ALMED ALGIERS*	6
"A" ARMY GROUP*	4
"B" ARMY GROUP*	4
2nd ALLIED TAF*	4
4th ALLIED TAF*	4
TOTAL -	<u>198</u>

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APPENDIX "C"
ARMY AND AIR FORCE REQUIREMENTS

		Ministry Level *		Districts & Commands*		Armies & TAF		Army Corps & Air Div.		Army Div. Escadres, Wings, Groups		TOTAL	GRAND TOTAL
		2 each		2 each		4 each		4 each		2 each			
		Nat		Nat	NATO	Nat	NATO	Nat	NATO	Nat	NATO		
BELGIUM	Army	1	6					2		1	6	16	20
	Air	1	1	1							9	4	20
DENMARK	Army	1						2		3	1	16	2
	Air	1	7			1						20	
FRANCE	Army	1	8			1	2	4	4	14	12	66	48
	Air	1	7			1	1				20	20	52
	** Marine		2								1	4	2
GREECE	Army	1	3				1				12	8	40
	Air	1	2			1						10	
ITALY	Army	1	14				2	1	5		18	34	64
	Air	1	13				1			3	7	34	18
NETHERLANDS	Army	1	2			1				4		18	
	Air	1	16			1						38	
NORWAY	Army	1	6							1	1	16	2
	Air	1	10			1						26	
PORTUGAL	Army	1	2					1	1	3	2	16	8
	Air	1	3			1				2		16	
TURKEY	Army	1	2				3		8		25	6	94
	Air	1					3	1			5	6	22
TOTAL											374	392	766

**SACEUR's requirement for French Navy. For remainder of naval requirement see Appendix "D".

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Appendix "C"

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APPENDIX "D"

NAVAL REQUIREMENTS
(Distribution by Nations)

	Ministry Level Naval 2 each *	Cruisers & Larger Ships 2 each	Submarines Destroyers & Ocean Escorts 1 each	Naval or Air base 2 each	Naval Shore Authori- ties 2 each	Transient or Emergency Naval or Air Base 1 each	Overall Total Machines	
	Nat	NATO	Nat	NATO	Nat	NATO		
BELGIUM	1		4		2		10	
DENMARK	1		8	3	13		42	
FRANCE	1	9	23	56	13	21	5	172
GREECE	1	1	23		5	10	1	58
ITALY	1	2	8	5		43	8	113
NETHERLANDS	1	3	20		3	13		60
NORWAY	1		18		3	8	2	44
PORTUGAL	1		7		5	5	4	33
TURKEY	1		32		4	3	2	50
								TOTAL 582

Appendix "D"

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Appendix "D"

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