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COPY NO. 1

NORTH ATLANTIC MILITARY COMMITTEE

COMITE MILITAIRE DE L'ATLANTIQUE NORD

Standing Group

Groupe Permanent

REGRADED NATO UNCLASSIFIED

Per Authority IMSM-431-99

By TACOKRE... Date 25-11-98...

SGM-911-55

22 December 1955

MEMORANDUM FOR THE EUROPEAN RADIO FREQUENCY AGENCY

SUBJECT: Protection of Meteorological Frequencies

1. Attached is a list of frequencies employed by meteorological equipment which require protection in wartime. The Standing Group Meteorological Committee have been informed that the frequencies in the bands

- 27.5 - 28
- ~~152.5~~  
151 - 154 Mc/s
- 400 - 406
- 1660 - 1700
- 2700 - 2900

are adequately protected by SGM-1321-53 or can be adequately protected by minor amendments thereto.

2. As far as the other frequency bands are concerned the Standing Group Meteorological Committee have been asked to ensure that these appear in the appropriate National Frequency List and it is requested that the European Radio Frequency Agency ensures that these frequencies are also shown in the ERFA Master Frequency List.

3. The Standing Group will consider any minor amendments necessary to SGM-1321-53.

FOR THE STANDING GROUP:

IMS Control N° 0423

C. H. SAMPSON  
Commander, USN  
Deputy Secretary

DIST: A1-6,8,10,11,13,16,17  
E1,2,3,7 H4

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ENCLOSURE

FREQUENCIES EMPLOYED BY METEOROLOGICAL EQUIPMENT  
WHICH REQUIRE PROTECTION IN WARTIME

1. The following frequency bands or individual frequencies are an integral part of meteorological equipment and should be protected for exclusive meteorological use:

27.5	-	28.0	mc.	(Radiosonde and airborne radiosonde)
		67.5	mc.	{ Radiosonde }
		72.0	mc.	{ Radiosonde }
		152.5	mc.	{ Radar-sonde ground transmitting equipment }
400.0	-	406.0	mc.	{ Radiosonde }
1660.0	-	1700.0	mc.	{ Radiosonde }
2700.0	-	2900.0	mc.	{ Wind finding ground transmitting equipment and radar-sonde airborne equipment }
		*3.135	mc.	{ Dropsonde }
		*5.0725	mc.	{ Dropsonde }

\*Requires protection until dropsondes are equipped to operate on a frequency in the 400-406 mc. band.

2. Although the following frequencies are used by meteorological equipment, they are also employed for fixed radar and general communications and, therefore, do not require protection for meteorological purposes exclusively:

170.5	mc.	(Automatic Weather Station)
7.865	mc.	" "
3.135	mc.	" "
3.3525	mc.	" "
5.0725	mc.	" "
162.825	mc.*	" "
162.25	mc.*	" "
5.4175	mc.	(Sferics)
9.115	mc.	" "
12.560	mc.	" "
15.9475	mc.	" "
3.000	mc.	(Radar)
2820.0	- 2865.0	mc. (Radar Storm Detection)
3395.0	mc.	(Radar)
5111.0	mc.	" "
9317.0	mc.	" "
9375.0	mc.	" "
34,450.0	- 35,120.0	mc. (Radar)

\*VHF frequencies not in use at present but reserved for future U.S. needs.

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2 May 1956

CORRIGENDUM

to SGM-911-55

Holders of SGM-911-55 (Protection of Meteorological Frequencies) are requested to amend paragraph 1 as follows:

Delete the spot frequency 152.5

Substitute therefor the frequency band 151 - 154 Mc/s

FOR THE STANDING GROUP:



C. H. SAMPSON  
Commander, USN  
Deputy Secretary

*Corrected  
3 May 56  
JGR*

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