



**Documents of the Regional Maritime Radio Conference (MAR-48)  
(Copenhagen, 1948)**

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21 September 1948.

Submitted in French

L I S T

of Documents Nos. 101 to 200 of the Maritime Regional Radio  
Conference

Document  
MAR No.

- |     |                                     |  |
|-----|-------------------------------------|--|
| 101 |                                     | List of MAR Docs. 1-100  |
| 102 | Poland                              | Cancels and replaces MAR 62.   |
| 103 | Joint Committee<br>RD/MAR           | Report on the examination of the distribution<br>of the expenses of the Committee of Eight and<br>C.E.R. - 7.8.48. |
| 104 |                                     | Cancels MAR 42 - 7.8.48.   |
| 105 | Committee 4                         | Report of the 4th Meeting - 7.8.48.  |
| 106 |                                     | Corrections to Docs. MAR 29, 35, 36, 38, 80,<br>91 of 7.8.   |
| 107 | Working Group B<br>Committee 3      | Proposal of I.C.A.O. for the amendment of the<br>"Directives" - 9.8.48.  |
| 108 | Working Group A<br>Committee 4      | Agenda for the Meetings of 11 and 12. 8. 48.   |
| 109 | Committees 1                        | Report of the 6th Meeting of 6.8.48.   |
| 110 | Committees 1                        | Correction to Doc. 186/MAR 96 - 11.8.48.   |
| 111 | Swiss Confederation                 | Observations concerning the Geneva transmitter-<br>derogations - 11.8.48.  |
| 112 | Italy                               | Additions to Doc. MAR 58 - 12.8.48.  |
| 113 | Swiss Confederation                 | Corrections to RD Doc. 224 - 12.8.48.  |
| 114 |                                     | Working Groups of the Conference (MAR 82 continued)  |
| 115 | Egypt                               | Request for frequencies for coast stations   |
| 116 | Working Group 4 A                   | Agenda for the Meeting of 18.8   |
| 117 | Joint RD/MAR<br>Committee(Expenses) | Report of the 2nd Meeting - 17.8.48.   |
| 118 | Joint RD/MAR<br>Committee(Expenses) | Report submitted to Committees 1 (Executive)<br>18.8.48.   |
| 119 | Working Group 3 B                   | Texts submitted by Group 3 B to Committee 3 -<br>17.8.   |
| 120 | Combined Committees 1               | Report of the 7th Meeting of 13.8.   |
| 121 | Denmark                             | Report of the experiments made at Lynby before<br>the Delegates - 18.8.48.   |
| 122 | Committee 3                         | Report of the 9th Meeting of 20.8.48.  |
| 123 | -                                   | Agenda of the 3rd Plenary Assembly - 20.8.   |
| 124 | Joint Committee<br>(Derogation)     | Report to Committee 5 - 22.8.  |
| 125 | Committee 3<br>(Organisation)       | Corrections made to Doc. MAR 87, 88, 89, and 90-<br>23.8.  |
| 126 | Committee 5/RD                      | Revised Report of RD 260 - 23.8.   |
| 127 | -                                   | Corrections to Doc. RD 249/MAR 118 - 24.8.48.  |
| 128 | Committee 5                         | Report of the Combined Group on Derogations -<br>24.8.48.  |
| 129 | Combined Committees 1               | Report of the 8th Meeting of 20.8.48.  |
| 130 | Committee 4                         | Agenda of the 5th Meeting of 27.8.48.  |
| 131 | Committee 3                         | Corrections to Doc. 122 - 24.8.48.   |
| 132 | U.S.S.R.<br>(R.S.F.S.R.)            | Replaces and cancels Doc. MAR 78 - 25.8.   |
| 133 | Ukraine                             | Replaces and cancels Doc. MAR 68 - 25.8.   |
| 134 | Latvia                              | " " " " " " "  |
| 135 | Estonia                             | " " " " " " "  |
| 136 | Lithuania                           | " " " " " " "  |



Document  
MAR No.

137	Lithuania	Note concerning signatures - 25.8.
138	Working Group 4 A	Report on the work carried out from 2.8 to 25.8.
139	-	Correction to Doc. MAR 82 - 27.8.
140	Working Group 4 B	Report of the Plan Group (first Plan) - 28.8.
141	" " "	Correction to Doc. MAR 140 - 29.8.
142	-	Minutes of the 3rd Plenary Assembly of 24.8.
143	Committee 3/RD	Date of entry into force of the Convention and of the Plan for 5 A, Group 3 - 30.8.48.
144	Chairman of the Conference	Communication from Mr. Corteil (Expenses of the Committee of Eight Countries) - 30.8.
145	Working Group 4 A	Report of the Group - 31.8.
146	Committee 4	Report of the 5th Meeting of 27.8.
147	Committee 4	Correction to MAR 105 - 31.8.
148	Sub-Committee 4 A	Corrections to MAR 138 - 31.8.
149	Combined Committees 1	Report of the 9th Meeting - 31.8.
150	Committee 3 (Group A)	Draft Maritime Radio Convention - 1.9.
151	Denmark	Annexes to MAR 121 - 1.9.
152	Committee 2	Agenda of the Credentials Committee, Meeting of 3.9.48.
153	Committee 3 RD	Report of the Working Group 3 B - 1.9.48.
154	Committee 4	Agenda of the Meeting of 3.9.
155	Committee 3	Texts (ratification, accession, denunciation - 2.9.48.)
156	Committee 3	Report of the 5th Meeting of 21.7.48.
157	Committee 3	Report of the 6th Meeting - 2.9.48.
158	"	Report of the 7th Meeting of 3.8.48.
159	Working Group 4 A	Report of the Meeting of 1st September 48.
160	Committee 5	Derogations in the aeronautical bands - 3.9.48.
161	United Kingdom	Amendments to Doc. MAR 53 - 3.9.48.
162	Plan Group (Working Group 4B)	Report of the Plan Group - allocation of frequencies - (second Plan) - 3.9.
163	Committee 4	Letter from the Chairman of Committee 4 /MAR to the Chairman of Sub-Committee 5A/RD - 3.9.48.
164	Committee 2	Report to the Chair (of the Conference) - 4.9.
165	-	Corrections to Doc. 162 - 4.9.
166	Committee 4	Draft Recommendations submitted by Committee 5- 4.9.48.
167	Working Group 4A	Corrections to Docs. 145 and 159 - 4.9.
168	Joint Group RD/MAR	Protections, derogations - Report of the 1st Meeting of 1.9.
169	Committee 4	Report of the 6th Meeting of 3.9.
170	Committee 4	Agenda of the Meeting of 6.9.
171	Committee 4	Agenda of the Meeting of 7.9.
172	Preamble Group C	Preamble to the Plan - Draft.
173	Combined Committees 1	Report of the 10th Meeting of 3.9.
174	Committee 2	Report of the 4th Meeting of 3.9.
175	Committee 3	New document 158 R
176	Committee 5 (Drafting)	Report of the 1st Meeting of 7.9.
177	Committee 5	Texts adopted and submitted for 1st reading
178	-	Final Documents - 8.9.
179	-	Agenda of the Plenary Assembly of 9.9.
180	Committee 3	Report of the 8th Meeting of 18.8.
181	Committee 3	Report of the 10th Meeting of 25.8.
182	Committee 4	Report of the 7th Meeting of 7.9.
183	Committee 4	Corrections to MAR 146 - 8.9.48.
184	Committee 3	Report of the 11th Meeting of 3.9.
185	Committee 3	Report of the 12th Meeting of 5.9.48.
186	Committee 4	Corrections to MAR 169 - 9.9.48.
187	United Kingdom	Request for frequencies - 9.9.48.
188	Committee 3	Corrections to MAR 180 - 9.9.48.
189	Committee 4	Correction to the texts of MAR Doc. 172 - Preamble to the Plan - 9.9.48.

(MAR Doc. 201-E)

Document  
MAR No.

190 Committee 4	Report of the 8th Meeting
191 Working Group 4 B	3rd Variant of the Plan - 9.9.48.
192 -	Minutes of the Plenary Assembly 4th Meeting - 13.9.48.
193 Committee 5	Report of the 2nd Meeting of 10.9.48.
194 -	Convention - pink texts - 10.9.
195 Committee 4	Continuation of Doc. MAR 189 - 10.9.
196 Committee 4	Draft Recommendations to Committee 5 - 10.9.
197 Working Group 4B	Report of the Meeting of 30.8.
198 Committee 4	Report of the 9th Meeting.
199 Committee 4	Corrections to Doc. 182 - 10.9.
200 Committee 3	Report of the 13th Meeting

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(Tr. 5/R4 /D-35)



REPORT OF COMMITTEE 3

(Organisation Committee)

14th Meeting

Tuesday 7 September 1948

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The Meeting was opened at 9.00 a.m. under the Chairmanship of Mr. Shtchetinin (U.S.S.R.)

The Chairman noted that at the previous Meeting the discussion of the Articles on pages 6 and 7 had been terminated, and he opened the discussion of the Articles on page 8.

Mr. Pennetta read the draft Article of the Working Group and the 2 draft Articles submitted by RD Committee 3.

The Delegate of the United Kingdom proposed the adoption of the same version as had been adopted by the Broadcasting Conference.

The Delegate of the Ukraine (S.S.R.) proposed that in the Article the word "Arrangement" should be substituted for the word "Convention" and the word "approval" for "ratification", and that the text should be amended accordingly.

The Chairman then submitted for discussion the next Article --- Accession to the Convention.

Mr. Pennetta read the Article and both Variants thereof as submitted by the RD Committee.

The Delegate of the Ukraine (S.S.R.) made suggestions analogous to those he had made pertaining to the preceding Article.

The Chairman stated that there would be two Variants of the Article under discussion.

Mr. Pennetta read the next Article --- Revision of the Convention and the Plan.

The Delegate of the United Kingdom proposed to leave the Article as it was, i.e., without modifications.

The Delegate of the U.S.S.R. said that the Administrative Conference would lay down directives for the Plenipotentiary Conference. Would such an arrangement be suitable from a legal point of view?

(MAR Doc. No. 202-E)

Mr. Pennetta replied that the Administrative Conference could lay down directives for the Plenipotentiary Conference, as the former established the general principles to be applied.

He explained that if the Convention were signed by Administrative representatives they would receive full powers for the preparation of a Conference for the European Area. In Atlantic City, the Administrative Conference had been held simultaneously with the Plenipotentiary Conference.

The Delegate of the U.S.S.R. said that representatives of Administrations would attend the World Conference and that the Plenipotentiaries were to convene at a later date.

The Chairman, speaking on the basis of the Atlantic City precedent, said that Delegates usually came furnished with both full (Governmental) powers and Administrative powers. He proposed not to preponderate the wording of the Article from the point of view of style, as had been proposed by the Delegate of the U.S.S.R.

The first line should read as follows:

"Revision shall be effected by the next regularly scheduled Conference, etc..."

The Delegate of the United Kingdom did not think it necessary to alter the Article.

Mr. Pennetta stated that after the closing of the present Conference the countries of the European Area were pledged to convene in order to fix the directives for the future Conference of the European Area to revise the Convention and the Plan. He did not oppose the inclusion of an amendment to this effect in the text.

He read the next Article --- Abrogation of the Convention and Plan.

The Chairman proposed that this Article should also be submitted in 2 Variants, in accordance with the previous remark. Having obtained agreement on this point, he suggested the reading of the next Article.

Mr. Pennetta read the Article --- Denunciation --- and the two Variants thereof submitted by RD Committee 3.

The Delegate of the Ukraine (S.S.R.) made observations analagous to those he had made in reference to the previous Articles.

The Chairman remarked that there would be two versions of Variant I and two versions of Variant II.

Mr. Pennetta read the next Article --- Notification of Frequencies. The Working Group had not agreed to the wording of the first paragraph as drafted by RD Committee 3. The MAR text mentioned "date of approval" whereas the RD wording was "date of signature".

The Chairman said that in this case the Regional Conference of Plenipotentiaries would have to await the list. This would entail the postponement of the date of approval. Both the RD and the MAR Plan should be bound by the same date of approval; it would be an error to separate them.

The Delegate of the United Kingdom agreed that it was necessary so to bind the date of approval of the MAR Plan. The Articles of the RD Convention pertaining to Notification of Frequencies had still to be discussed.

The I.F.R.B. representative said that the position of this question in the Convention had not yet been determined. The date of notification was extremely important; if it would influence the contracting parties it might be fixed at the present Meeting.

The Delegate of France proposed to adopt the wording of the RD Blue Series, and to modify this wording if the RD text were previously modified by the Broadcasting Conference.

The Chairman agreed that the Article should be left as indicated by the Delegate of France and proposed to proceed to discussion of the next Article --- General Technical Provisions.

Mr. Pennetta read this Article. He approved of the RD wording, but suggested the elimination of point 3 of paragraph 1.

The Chairman believed that the wording of the Article was satisfactory. The technical definitions were included in the Plan. The wording of paragraph 2 did not suit MAR conditions. He proposed to adopt the Article in order not to prolong the discussion.

The Delegates of Norway and France withdrew their proposals.

The Delegate of the U.S.S.R. drew attention to the fact that several coast stations were to be placed on adjacent channels 150-160 kc/s and 255-285 kc/s. It was necessary to bear this in mind when discussing the Articles on Technical Provisions.

The Chairman proposed the addition of a paragraph intended to regulate the operation of broadcasting stations falling in the Maritime Service bands and vice-versa.

He explained that the proposal of the U.S.S.R. Delegate arose from the consideration that the Maritime Services had priority in maritime bands and the broadcasting stations must respect this priority.

The Delegate of the United Kingdom expressed his agreement with the Delegate of the U.S.S.R. He thought that it would be useful to intimate this consideration in the Preamble or to include it in the MAR text alone.

The Chairman observed that there was no opposition of principle to the inclusion in the RD Convention and the MAR Convention of corresponding paragraphs pertaining to derogations in the Maritime Service bands.

Mr. Pennetta said that the provisions in question must be contained either in the Preamble to the Plan or in the Convention.

The Chairman was of the opinion that the corresponding provisions might figure in the Preamble to the Plan in the form of notes. He requested Mr. Pennetta to bring up this question at the Broadcasting Conference. It would be necessary to draw up the corresponding clauses in Plenary Meeting of RD Committee 4.

(MAR Doc. No. 202-E)

The Delegate of the U.S.S.R. considered that the corresponding paragraphs could be drafted in accordance with the technical provisions for stations operating in derogation. The corresponding clause should figure in the Preamble.

The Chairman observed that there were no objections to insertion of the corresponding Articles in the Preambles of the MAR Arrangement and the RD Convention. He proceeded to discussion of the next Article --- Expenses.

Mr. Pennetta read this Article.

The Delegate of the Ukraine (S.S.R.) proposed to substitute the word "countries" for the word "Governments". Next followed a discussion of the Article on Entry into Force of the Convention and the Plan. The Articles were adopted in two Variants.

The Chairman reverted to discussion of the Articles on pages 5 and 12; he proposed to discuss the said Article after its adoption by the Broadcasting Conference. He requested Mr. Biansan to read the whole of the Article on page 12, which he had drafted himself.

In regard to Mr. Biansan's draft of the Article on page ...., the Delegate of the U.S.S.R. remarked that the wording of the 1st paragraph required some formal adjustments. In paragraph 2 indication of a definite figure for separation was to be avoided; it should be expressed as follows: "In the same or in the adjacent channel of frequencies..." Such phrasing would be in accordance with the general understanding on the matter.

The Delegate of France expressed the opinion that all countries should be consulted with regard to the use of frequencies and that a certain band width should be indicated. This would afford satisfaction to everyone.

The Chairman said that Mr. Biansan's interpretation might result in the disruption of the whole Plan. If there was no objection to the amendment proposed by the U.S.S.R. Delegate, it would be suitable to have either one basic and one neighbouring channel or two neighbouring channels.

The Delegate of the United Kingdom proposed to delete this Article, as it offered no improvement. He wished to leave the original text without modifications.

The Chairman suggested that the Delegates of the United Kingdom, the U.S.S.R. and France, as those chiefly concerned, should convene to discuss the wording of the texts; he suggested further that they should submit them to the Drafting Committee, publish them in both Variants as general information, and submit them to the Plenary Assembly.

He announced that examination of Documents MAR 150 and 155 had been completed. There remained only the question of entry into force of the Plan. It would be expedient to leave this question in abeyance until a decision thereon had been taken by the Broadcasting Conference.

The Delegate of the United Kingdom expressed his disagreement with the preceding proposal.

The Chairman proposed to hold one more Meeting of Committee 3 in order to approve all the remaining Reports.

The Meeting rose at 12.15 p.m.

Goloventchenko,  
Rapporteur.

Shtchetinin,  
Chairman.

EUROPEAN BROADCASTING  
CONFERENCE  
KØBENHAVN, 1948

RD Document No. 363-E  
11 September, 1948

MARITIME REGIONAL  
RADIO CONFERENCE  
KØBENHAVN, 1948

MAR Document No. 203-E  
11 September, 1948

Submitted in: French

### DISTRIBUTION OF EXPENSES

arising from the RD and MAR Conferences  
and the Committee of Eight Countries, Brussels.  
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#### 1.

On the basis of the decisions taken by the European Broadcasting Conference in its Plenary Assembly, on 4 September 1948, and by

the Maritime Regional Radio Conference in its Plenary Assembly on 9 September 1948,

the distribution of the expenses of the above mentioned Conferences shall be made in the following manner:

1) the expenses attributable to the European Broadcasting Conference (C.E.R.) shall be  $3/4$  (three-quarters), and

the expenses attributable to the Maritime Regional Radio Conference (C.MAR)  $1/4$  (one-quarter) of the total expenses arising from the meetings at Copenhagen, account being taken of Resolution No. 20 of the Administrative Council of the I.T.U concerning detachment of members of the permanent staff of the Union to regional conferences:

2) The expenses arising from the Committee of Eight Countries, at Brussels, shall be audited and settled separately, following the decision to exempt the United States of America from any contribution to the expenses of the Committee of Eight Countries:

3) the distribution of the expenses shall be effected in conformity with the table contained in Annex 1 for the C.E.R. and for the Committee of Eight Countries, taking into account, in the case of the Committee of Eight Countries, the exemption of the United States of America (see 1, 2)<sup>1</sup>: in Annex II for the C. MAR.

4) the RD and MAR Conferences have adopted the principle of contributions by the participants in general, i.e. countries (including Observer countries) and organisations, with the exception of the following organisations, which are exempted:

- a) I.F.R.B., I.T.U. organisations: <sup>2</sup>
- b) U.N.E.S.C.O.)
- c) I.C.A.O. ) specialised agencies of United Nations.
- d) O.I.R.
- e) U.I.R.

(D.16)

Since the Conferences have adopted French, English and Russian as working languages, on an equal footing, it has been decided that the expenses arising from the use of the various languages shall be pooled and distributed without regard to language.

The reservation has, however, been made that this proceeding shall not constitute a precedent.

5) the classes of contribution shall be those which result from the situation as of 1 September 1948:

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Notes:

1. The RD Conference has decided to exempt the United States of America from contributing to the expenses of the Committee of Eight Countries. In addition, when the distribution of the expenses of the Conference was being discussed, the United States Observer stated that this question was still under consideration by his Government.

2. The U.N. did not participate in the Meetings.

(Tr.40/R.4/D.16)

Contribution to the expenses of  
the European Broadcasting  
Conference and the Committee of  
Eight Countries.

Classification based on I.T.U.

Notification 558 of 1 Sept. 1948.

	<u>Class</u>	<u>Units.</u>
People's Republic of Albania	8	1
Austria	8	1
Belgium	5	10
Soviet Socialist Republic of Bielorussia	6	5
People's Republic of Bulgaria	7	3
State of the Vatican City	8	1
Denmark	5	10
Egypt	5	10
Finland	6	5
France	1	30
Greece	6	5
Hungary	8	1
Ireland	6	5
Iceland	8	1
Italy	2	25
Luxembourg	7	3
Monaco	8	1
Norway	5	10
Netherlands	5	10
Republic of Poland	3	20
Portugal	4	15
French Protectorates of Morocco and Tunisia	(7	3
	(7	3
Federal People's Republic of Yugoslavia	6	5
Roumanian People's Republic	6	5
Soviet Socialist Republic of Ukraine	4	15
United Kingdom of Great Britain and Northern Ireland	2	25
Sweden	5	10
Swiss Confederation	7	3
Syria	7	3
Czechoslovakia	5	10
Turkey	5	10
Union of Soviet Socialist Republics	2	25



(RD 363-E)  
(MAR 203-E)

	<u>Class</u>	<u>Units</u>
<u>Observers.</u>		
a) <u>Countries.</u>		
San Marino	8	1
United States of America (does not contribute for Committee of Eight)	1	30 <sup>+</sup> )
b) <u>Organisations.</u>		
I. International Frequency Registration Board (I.F.R.B.)	-	-
United Nations Educational, Scientific and Cultural Organisation (U.N.E.S.C.O.)	-	-
International Civil Aviation Organisation (I.C.A.O.)	-	-
II. International Chamber of Shipping	8	1
International Maritime Radio Commission (C.I.R.M.)	5	10
International Broadcasting Organisation (O.I.R.)	-	-
International Broadcasting Union (U.I.R.)	-	-
Total		<u>338<sup>+</sup>)</u>

+ ) See Note I under I. 3 above.

(Tr.42/R.4/D.16)

Contribution to the expenses of the  
Maritime Regional Radio Conference.

Classification based on  
I.T.U. Notification 558  
of 1 September 1948.

<u>Country</u>	<u>Class</u>	<u>Units</u>
People's Republic of Albania	8	1
Belgium	5	10
Soviet Socialist Republic of Bielorussia	6	5
People's Republic of Bulgaria	7	3
Denmark	5	10
Egypt	5	10
Finland	6	5
France	1	30
Greece	6	5
Hungary	8	1
Ireland	6	5
Iceland	8	1
Italy	2	25
Monaco	8	1
Norway	5	10
Netherlands	5	10
Republic of Poland	3	20
Portugal	4	15
French Protectorates of Morocco and Tunisia	(7 (7	3 3
Federal People's Republic of Yugoslavia	6	5
Roumanian People's Republic	6	5
Soviet Socialist Republic of the Ukraine	4	15
United Kingdom of Great Britain and Northern Ireland	2	25
Sweden	5	10
Swiss Confederation	5	10
Czechoslovakia	5	10
Turkey	5	10
Union of Soviet Socialist Republics	2	25

(D.16)

	<u>Class</u>	<u>Units</u>
<u>Observers.</u>		
a. <u>Countries</u>		
United States of America	1	30 <sup>+</sup> )
B. <u>Organisations</u>		
I. International Frequency Registration Board (I.F.R.B.)	-	-
International Civil Aviation Organisation (I.C.A.O.)	-	-
II. International Chamber of Shipping	8	1
International Maritime Radio Shipping (C.I.R.M)	5	10
	<hr/>	
	Total	329 <sup>+</sup> )
		<hr/>

+ ) See Note 1) under 1 3 ) above.

(Tr.42/R.4/D.16)

12 September, 1948

Submitted in: French

R E P O R T  
of Committee 5  
(Drafting Committee)

3rd Meeting

Saturday 11 September 1948

The Meeting was opened at 10.15 a.m.

The Committee proceeded with the final adjustment of the texts

- of the Preamble to the Plan (Doc. MAR 189 and 195),
- of the recommendations (Doc. MAR 166 and 196).

These texts are contained in Document MAR No. 205 (Blue Series MAR No. 2), which constitutes an Annex to this Report.

The Meeting rose at 1.55 p.m.

V. Meyer,  
Rapporteur.

J.M. Biansan,  
Chairman.

(Tr. 42/R. 4/D. 30)

MARITIME REGIONAL RADIO  
CONFERENCE  
KØBENHAVN, 1948

MAR Document No. 205-E  
12 September, 1948

Submitted in: English

Annex to: MAR Doc. No.204--E

T E X T S

adopted by  
the Drafting Committee (Committee 5)  
(Meeting of September 11, 1948)  
and submitted  
to the Plenary Assembly  
for first reading.

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Series No. 2-MAR

(P.23-33 )

(Doc. MAR 189)

- 23 -

Variant 9Copenhagen Plan

annexed to the European Regional Convention for the Maritime Mobile Radiocommunications Service.

Variant IICopenhagen Plan

annexed to the European Regional Arrangement for the Maritime Mobile Radiocommunications Service.

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Section 1PreambleArticle IDefinitions

1. In this preamble and in the Frequency Allocation Plan which follows it, technical terms are used in accordance with the definitions contained in Article I, of the Radio Regulations of Atlantic City (1947). Any necessary additional definitions are given in paragraph (2) of this Article.

Variant I

2. In this Plan:

- (1) The word "Convention" denotes the European Regional Convention for the Maritime Mobile Radiocommunications Service (Copenhagen 1948)

- (2) The words "Radio Regulations" denote the Radio Regulations as defined in Article 3 (2) of the Convention.

- (3) The word "Plan" denotes the Copenhagen Plan annexed to the Convention as defined in Article 3 (3) of the Convention.

(D.16)

- (4) The words "European Maritime Area" denote the area defined in Article 3 (6) of the Convention.
- (5) The word "Power" denotes the peak power of a radio transmitter as defined in Paragraph 61 (Article 1) of the Radio Regulations.

#### Variant II

2. In this Plan:

- (1) the word "Arrangements" denotes the European Regional Arrangement for the Maritime Mobile Service (Copenhagen 1948):
- (2) the words "Radio Regulations" denote the Radio Regulations as defined in Article 3 (2) of the Arrangement:
- (3) the word "Plan" denotes the Copenhagen Plan annexed to the Arrangement, as defined in Article 3 (3) of the Arrangement;
- (4) the words "European Maritime Area" denote the area defined in Article 3 (6) of the Arrangement;
- (5) the word "Power" denotes the peak power of a radio transmitter as defined in Paragraph 61 (Article 1) of the Radio Regulations.

#### Article 2.

##### Use of Frequencies

1. In the Plan, frequencies in the bands 415-490 kc/s and 515-525 kc/s, allocated for the Maritime Mobile Service in accordance with provisions of the Radio Regulations, are assigned to coast stations.
2. No frequency allocation has been made to coast stations
  - in the band 405-415 kc/s allocated essentially to the Radio Direction-Finding Service,
  - in the band 490-510 kc/s reserved for distress, calling and reply,

(D.16)

- 25 -

- among the frequencies

425 kc/s  
 454 kc/s  
 468 kc/s  
 480 kc/s  
 512 kc/s

reserved for ship stations, account being taken of the provisions of paragraph 732 (Article 33) of the Radio Regulations in the case of the 512 kc/s frequency.

3. (1) In the Plan the separation between adjacent channels used by coast stations is, in most cases, 3 kc/s. However, it has proved necessary in a few exceptional cases, to reduce this separation in order to allow of a fuller use of the frequency bands.

(2) The separation between adjacent channels, used by coast stations on the one hand and by ship stations on the other, is 4 kc/s.

Version A.

(3) The following channels are allocated to coast stations:

416 kc/s	438 kc/s	461 kc/s	489 kc/s
418 kc/s	441 kc/s	464 kc/s	516 kc/s
421 kc/s	444 kc/s	472 kc/s	519 kc/s
429 kc/s	447 kc/s	476 kc/s	522 kc/s
432 kc/s	450 kc/s	484 kc/s	524 kc/s
435 kc/s	458 kc/s	487 kc/s.	

(D.16)



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Version B.

(3) In the Plan, the following frequencies are allocated to coast stations:

416 kc/s	438 kc/s	461 kc/s	487 kc/s
418 kc/s	441 kc/s	464 kc/s	489 kc/s
419.5 kc/s	444 kc/s	472 kc/s	516 kc/s
421 kc/s	447 kc/s	474 kc/s	519 kc/s
429 kc/s	450 kc/s	476 kc/s	522 kc/s
432 kc/s	458 kc/s	484 kc/s	524 kc/s
435 kc/s			

(4) In preparing the Plan a frequency tolerance of 0.1% for coast station transmitters and 0.3% for ship station transmitters has been adopted.

Article 3.Power

1. The powers indicated for the coast stations in the Plan are the maximum powers that may be used.
2. The powers indicated for the coast stations in the Plan are those which are capable of giving good working conditions during the hours of daylight as regards mutual interference between stations, but it is recommended that during the hours of darkness less power be used, especially as regards those stations which have a power of more than 0.5 kW, except in case of necessity.

Article 4.Type of Emission.

With a view to eliminating or minimising interference between adjacent channels it is recommended that type A1 emissions be used as far as possible by coast and ship stations, when operating on their working frequencies.

(D.16)

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Article 5.Interference caused by stations  
operating in derogation.

1. In accordance with the decision taken by the European Broadcasting Conference, (Copenhagen, 1948), no broadcasting stations other than those mentioned in the Plan shall be permitted in derogation in the bands 415-485 kc/s and 515-525 kc/s allocated to the maritime mobile service and those stations shall not cause harmful interference to stations of that service.

Variant A.

2. They shall operate in accordance with the provisions of the Radio Regulations.

Variant B.

2. They shall operate in accordance with the provisions of the Radio Regulations and the conditions stated in the Plan.

Variant C.

2. They shall operate in accordance with the provisions of the Radio Regulations and the conditions stated in the Plan, and in such a manner that the ratio of the strength of the useful signal from a coast station to the interfering signal from a broadcasting station working in a band allocated to the maritime mobile service is at least 20 db.
3. Moreover, if unforeseen interference occurs, the Administrations concerned will do their utmost to obtain agreements calculated to eliminate this interference and, in such cases, the maritime mobile service will take precedence over the broadcasting service.

(D.16)

Recommendation No. 1 to the Administrations  
regarding interference caused to the reception  
of transmissions from coast stations by the  
harmonics of broadcasting transmissions.

The Maritime Regional Radio Conference,  
Copenhagen (1948),

considering:

a) that the harmonics of the transmissions from broadcasting stations cause interference to the reception of transmissions from coast stations.

b) that the harmonics of the frequencies 167 kc/s, 205 kc/s, 250 kc/s, 727 kc/s and 1091 kc/s coincide with the international distress frequencies of the maritime mobile service and with the normal radio direction-finding frequency of the maritime radio navigation service,

recommends:

a) that the necessary steps be taken as soon as possible to reduce to the standards specified in Appendix 4 to the Radio Regulations, Atlantic City, 1947, the powers of harmonic and parasitic emissions, from broadcasting stations, in the bands allocated to the maritime mobile service.

b) that these steps be taken particularly with regard to broadcasting stations which may operate on the above-named frequencies.

Recommendation No. 2 to the next International  
Radio Conference regarding the exclusion of  
broadcasting stations from operating in deroga-  
tion in the bands allocated to the maritime  
mobile service.

The Maritime Regional Radio Conference,  
Copenhagen (1948),

(St.45)



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considering:

the increased requirements of the maritime mobile service and the difficulties in satisfying those requirements owing to the limitations placed on the use of certain frequencies by the presence of broadcasting stations operating in derogation;

recommends:

to the next International Radio Conference that it should draw up a frequency table such that the frequency bands allocated will make it possible in future to exclude broadcasting stations from operating in derogation in the maritime mobile bands.

Recommendation No. 3 to Administrations and to the C.C.I.R. On the levels of interference to reception on ships caused by electrical installations on ships.

The Maritime Regional Radio Conference, Copenhagen (1948),

considering:

a) that the level of interference to the reception of radiocommunications on ships is a complicated question on which little data is available;

b) that the Safety of Life at Sea Conference, London (1948) requested that all steps be taken to eliminate so far as possible the causes of radio interference from electrical and other apparatus on board;

draws to the attention of all Administrations:

(St.45)

- 30 -

the need to study the question, and to take all steps possible to eliminate or reduce to a minimum, the level of the interference to the reception of radio-communications caused by electrical installations on ships;

and requests the Administrative Council of the Union

to envisage the possibility of inviting the C.C.I.R. to study the question of interference caused by those electrical installations.

Recommendation No. 4 to Governments and the C.C.I.R. on the subject of interference to reception caused by radar apparatus.

The Maritime Regional Radio Conference, Copenhagen (1948)

considering:

- a) that there is a possibility of interference to the reception of radiocommunications due to ships' radar;
- b) that there is a lack of information on the extent and value of such interference;
- c) that the Safety of Life at Sea Conference, London (1948) recommended that Governments consider the possibility of issuing specifications to indicate the standards desired;

recommends to the Governments concerned

that performance specifications for the installation and operating of ships' radar apparatus should include the provisions necessary to ensure that such apparatus does not cause interference with the radiocommunication apparatus on board

(St.45)

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and requests the Administrative Council of the Union:

to envisage the possibility of inviting to study the question of interference to the reception of radiocommunications caused by ships' radar.

Recommendation No. 5 to the C.C.I.R.  
on the question of interference to recep-  
tion of radiocommunications due to atmosphe-  
ric causes.

The Maritime Regional Radio Conference,  
Copenhagen (1948),

considering:

a) that interference to reception of radio-communications due to atmospheric causes results in great difficulties for the maritime mobile service;

b) that no definite figures are available indicating the general levels of such interference;

requests the Administrative Council  
of the Union:

a) to envisage the possibility of inviting the C.C.I.R. to study the question of interference to reception of radiocommunications at sea due to atmospheric causes and subsequently

b) to furnish figures for the level of atmospheric interference in the frequency bands allocated to the maritime mobile service for the different regions of the European Maritime Area.

(St.45)

(Doc. MAR 196)

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Recommendation No. 6 to the Administrations  
on the subject of the minimum depth of modulation  
and the level of non-linear distortion for coast  
transmitters.

The Maritime Regional Radio Conference,  
Copenhagen (1948)

considering:

that it is desirable

- to specify a minimum depth of modulation  
for Type A2 emissions from coast stations,
- and to avoid an undesirable widening of  
the radiated bands,

recommends:

- that the minimum depth of modulation for  
coast station transmitters using Type A2  
be 70 %,
- and that the non-linear distortion should  
not exceed 10 % with a modulation depth  
of 80 %.

(St.45)



(Doc. MAR 166)

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1)

Recommendation

to be brought to the attention of all Administrations  
through the intermediary of  
the Secretary General of the Union

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Recommendation to the Administrations  
regarding the class of emission to be used by  
coast and ship stations

The Maritime Regional Radio Conference,  
Copenhagen (1948),

considering:

that Type A2 emissions occupy a greater band-  
width than Type A1 emissions, thus causing  
interference to transmissions on adjacent  
frequencies,

recommends:

that coast stations and ship stations should,  
to the greatest extent possible, make use of  
Type A1 emissions when operating on their  
working frequencies.

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- 1) This recommendation is contained in Article 4  
of the Preamble of the Plan annexed

Variant I.

to the European Regional Convention for the  
Maritime Mobile Radiocommunications Service,  
Copenhagen (1948)

Variant II.

to the European Regional Arrangement for the  
Maritime Mobile Radiocommunications Service,  
Copenhagen (1948)

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Note: This Recommendation will not be inserted  
at the end of the Acts of the Maritime  
Regional Radio Conference of Copenhagen.

(St.45)



EUROPEAN  
BROADCASTING CONFERENCE  
København, 1948

RD Document No 382 - E

13 September, 1948

MARITIME  
REGIONAL RADIO CONFERENCE  
København, 1948

MAR Document No 206 - E

13 September, 1948

Submitted in: French

PROGRAMME SUGGESTED

by the

CHAIRMAN

RD Conference

Monday  
13/9.                      2.30 p.m. Committee 5  
                             5.30 p.m. Short Plenary Assembly  
   Consideration of Article 4 of the  
   Convention. Communication concerning  
   Reservations and Statements.  
                             6 p.m. approx. Committee 5 (continued)

Tuesday  
14/9                      8 a.m. Reservations Committee  
                             2.30 p.m. Plenary Assembly  
   2nd reading of the Plan  
   "

Signature and  
Closing ceremony.

MAR Conference

Tuesday  
14/9.                      9.30 a.m. Plenary Assembly  
   2nd reading of the Convention  
   1st reading of the Preamble.

(Tr.5/R.7/D.30)

Report of the Plan Group of Working Group 4B  
(Working Group on Frequency Allocation)

The following amendments to the Plan annexed to Doc. 191  
are recommended by the Plan Group.

Transfer:

Darlowo Radio (0.5)	from 416 to 464
Swinousjscia Radio (1.0)	" 416 " 464
Tallinin Radio (1.0)	" 418 " 461
Harstad Radio (1.0)	" 421 " 516
Bengasi Radio (1.0)	" 429 " 435
Alesund Radio (1.0)	" 447 " 487
Tingstade Radio (1.0)	" 461 " 418
Karlskrona Radio (1.0)	" 464 " 416
Slavsnas Radio (1.0)	" 464 " 416
Adana Radio (1.0)	" 519 " 516
Tolknicko Radio (0.25)	" 519 " 444.

R. M. Billington  
Chairman  
Plan Group

(St. 45)

European  
Broadcasting Conference  
København, 1948

RD Document No. 387-E  
September 13, 1948

Maritime  
Regional Radio Conference  
København, 1948

MAR Document No. 208-E  
September 13, 1948

Submitted in: English

Conference,  
Marienlyst  
Helsingør,  
12th September 1948.

The Chairman,  
European Broadcasting Conference and  
Maritime Regional Radio Conference,  
(København, 1948).

Dear Sir,

Notification of Frequency Assignments.

With reference to the second paragraph of the Resolution which passed its second reading at the Plenary Assembly of the Broadcasting Conference on 12th September, I wish to inform you that I have received advice that the Provisional Frequency Board will require individual notifications from Administrations, to supplement the information contained in the Plans.

A suitable form for the submission of such notifications by Administrations will be that of the Form of Notice contained in Appendix 1 of the Atlantic City Radio Regulations (p. 217 et seq.), which is the form to be used in the future for notifications to the IFRB. If this form is used and is sent by Administrations both to the PFB and to the Secretary-General, then it will be possible to publish the International Frequency List and the List of Broadcasting Stations in accordance with Appendix 6 of the Radio Regulations (p. 234 et seq.) without the need for further supplementary notifications.

In order that the various tasks of the PFB may be properly scheduled, thereby expediting the preparation of the new List and the integration of regional agreements, it is desired that the forms be submitted to the PFB by 15 December 1948, a date which allows nearly three months after the closure of the Copenhagen Conferences.

It would be much appreciated if you could bring the above to the attention of both Conferences, as early submission of the information required will facilitate the work of the PFB, including any action which that Board may have to take in consequence of the decisions reached by the Conferences.

Yours faithfully,

N.H. Roberts..

IFRB Observer.

C O M M I T T E E 4

10th Meeting

10 September 1948

The Meeting opened at 8.15 p.m.

The Chairman recalled that the meeting should include the examination of the Plan, but that Mr. Billington was not ready to make his final report and wished to call his Group together again as soon as possible. He consequently wished to make the present Meeting as short as possible.

He said that he had sent the text of the recommendation on the depth of modulation to the Drafting Committee that day.  
(Document MAR 91.)

He requested Delegates to study Document MAR 190, 8th Meeting, so that it could be adopted at the following meeting.

He announced that the text of the Preamble would be published that evening or the following morning.

Finally he with Mr. Billington, was engaged in preparing the text concerning radio telephony.

The Delegate of France pointed out that it was not legally in order for the present Conference to make a recommendation to the C.C.I.R. He therefore proposed the following formula:

"The Conference of Copenhagen requests the Administrative Council of the I.T.U. to consider submitting to the C.C.I.R. the recommendation.....etc."

Adopted.

He again pointed out that recommendation on the class of transmission and harmonics were addressed to no one. He proposed that they be addressed to the Administration. Adopted.

It was also understood that, by agreement with the Delegate of the Ukraine S.S.R. whom the Chairman had consulted before the Meeting, the phrase "as far as possible" appearing in the text on classes of transmission would be added to the text of the Preamble, in which it had been omitted.

After having settled some details concerning the publication of the Preamble to the Plan and the following meeting of the Drafting Committee, the Chairman announced that the time of the following meeting of Committee 4 would appear on the black-board.

The Meeting rose at 8.45 p.m.

L. Stellmann

Rapporteur

Moe,

Vice-Chairman

Maritime  
Regional Radio Conference  
Copenhagen, 1948

BLUE PAGES  
IAR Document n° 210 - E  
September 13, 1948  
Submitted in: English

## C O P E N H A G E N P L A N

for the distribution of frequencies between  
the coast stations of the European Maritime Area.

Série n° 4 - IAR  
(p. 35 - 50)

- 35 -  
-- (MAR 210-E) --

Notes.

1. The frequencies provided for Ostende Radio (435 kc/s) and for Anvers Radio (489 kc/s) may be used reciprocally by Anvers Radio and Ostende Radio.
2. In the case of the Spanish Coast Stations, the power indicated is that given in the Berne List of Coast and Ship Stations for 1939.
3. In the absence of any request for frequencies for a coast station in Palestine, provision has been made in the plan for one frequency 489 kc/s, with a maximum permitted power of 1 kW, to be used by that country.
4. The Italian stations listed on 524 kc/s will only use this frequency for meteorological bulletins and will use emissions of type A2 with a peak power of 2 kW.
5. The frequencies provided for Rijeka Radio (438 kc/s) and for Split Radio (484 kc/s) may be used reciprocally by Split Radio and Rijeka Radio.
6. The frequencies 416 and 487 kc/s used by Gouesnou Radio may be used by Le Conquet Radio when it replaces this station.
7. The frequency of 447 kc/s allocated to Swinoujscia Radio may be used by Gdynia Radio (421 kc/s) when necessary.

TABLE I

(Classification by numerical order of frequencies.)

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
416	Arkhangelsk Radio Radio (1.0) U.R.S.S.	Karlskrona Radio (1.0) SWEDEN  Stavsnas Radio (1.0) SWEDEN		Gouesnou 6) Radio (1.0) FRANCE  Bergen Radio (2.0) NORWAY	Alger Radio (1.0) FRANCE	Samsun Radio (2.0) TURKEY  Istanbul Radio (0.8) TURKEY  Kertch Radio (C.O./0.5) U.R.S.S.
418		Tingstade Radio (1.0) SWEDEN	North Foreland Radio (0.5) G. BRITAIN	Apulia Radio (C.O/1.0) AZORES Flores Radio (C.O/0.45) AZORES Horta Radio (C.O/2.0) AZORES Ponta Delgada Radio (C.O/0.45) AZORES Santa Maria Radio (C.O/0.45) AZORES  Siglufjördur Radio (0.1) ICELAND Vestmannaeyjar Radio (0.1) ICELAND  Funchal Radio (C.O/0.35) MADEIRA  Boa Nova Radio (C.O/0.35) PORTUGAL Cascais Radio (C.O/0.35) PORTUGAL Faro Radio (C.O/0.75) PORTUGAL	Athinai Radio (1.5) GREECE	Osipenko Radio (0.5) UKRAINE (RSS)  Nikolaev Radio (C.O/1.0) UKRAINE (RSS)



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- (JAR 210-E) -

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
418				Monsanto Radio (C.O/2.5) PORTUGAL Montigo Radio (C.O/1.0) PORTUGAL Sagres Radio (C.O/0.35) PORTUGAL		
419.5			Rouen-Port Radio (0.2) FRANCE			
420		Oestersund Broad- casting Station SWEDEN				
421		Gdynia 1) Radio (1.0) POLAND	Scheveningen Radio (2.0) HOLLAND	Ponte Delgada Radio (0.5) AZORES  Malin Head Radio (0.5) IRELAND	Ismailia Radio (0.5) EGYPT  Agde Radio (5.0) FRANCE  Corinth Radio (0.2) GREECE	Burgas Radio (0.5) BULGARIA (P.R.)  Poti Radio (0.5) U.R.S.S.  Evpatoria Radio (0.25) U.R.S.S.
425	Ships	Ships	Ships	Ships	Ships	Ships
429		Vindava Radio (0.5) LATVIA	Blaavand Radio (0.9) DENMARK Calais Radio (0.1) FRANCE Dieppe Radio (0.1) FRANCE Folkestone Harbour Radio (0.25) GREAT BRITAIN Newhaven. (Sussex) Radio (0.25) GREAT BRITAIN	Valentia Radio (1.0) IRELAND	Augusta Radio (1.0) ITALY  Venezia Radio (1.0) ITALY	Otchakov Radio (C.O/0.5) UKRAINE (RSS)  Novorossiisk Radio (0.5) U.R.S.S.



<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
429			Parkstone Quay Radio (0.5) GREAT BRITAIN			
432		Ruegen Radio (1.0) GERMANY (URSS Zone)		S. Nazaire Radio (1.0) FRANCE  Wick Radio (1.2) GREAT BRITAIN	Marseille Radio (1.0) FRANCE  Rhodes Radio (0.5) GREECE  Brindisi Radio (1.0) ITALY	Ismail Radio (1.0) UKRAINE (RSS)  Genitchesk Radio (0.05) UKRAINE (RSS)
433		Oulu Broadcasting Station FINLAND				
435		Holobrzeg Radio (0.5) POLAND  Swinousjscia Radio (2.0) POLAND  Gdansk Radio (1.0) POLAND	Ostende (Anvers) Radio 1) (2.0) BELGIUM	Lisboa Radio (3.0) PORTUGAL	Napoli Radio (1.0) ITALY  Bengasi Radio (1.0) LIBYA	Feodosia Radio (0.5) U.R.S.S.  Tuapse Radio (0.07) U.R.S.S.
438		Helsinki Radio (1.0) FINLAND  Marichamm Radio (1.0) FINLAND	Tjøme Radio (1.0) NORWAY	Land's End Radio (5.0) GREAT BRITAIN  Hammerfest Radio (1.0) NORWAY	Oren-Ain-El-Turk Radio (0.5) ALGERIA  Rijeka Radio <sup>5)</sup> (0.5) YUGOSLAVIA (F.P.R.)  Split Radio (1.0) Yugoslavia (F.P.R.)	Nikolaev Radio (0.3) UKRAINE (RSS)  Temruk Radio (0.25) U.R.S.S.
441	Omega Radio (0.25) U.R.S.S.	Libava Radio (0.5) LATVIA	Humber Radio (0.5) GREAT BRITAIN	Casablanca Maroc Radio (2.0) MOROCCO  Rörvik Norge Radio (1.0) NORWAY  Cabo Mayor 2) Radio (0.5) SPAIN	Bizerte Radio (0.5) TUNISIA	Istanbul Radio (3.0) TURKEY  Taganrog Radio (0.1) U.R.S.S.

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
444	Khodovarikha Radio (C.O/0.1) U.R.S.S.	Tollmicko Radio (0.25) POLAND  Viborg Radio (0.5) U.R.S.S.	Norddeich Radio (1.0) GERMANY (Brit. Zone)	Lorient Radio (1.0) FRANCE  Madeira Radio (0.5) MADEIRA  Tromsø Radio (1.0) NORWAY	Alexandria Radio (2.0) EGYPT  Maddalena (La) Radio (0.5) ITALY	Mariupol Radio (0.5) UKRAINE (RSS)  Khorly Radio (C.O/0.5) UKRAINE (RSS)
447	Kandalakcha Radio (0.12) U.R.S.S.	Swinoujscia Radio (1.0) POLAND  Darlowo Radio (0.5) POLAND		Seaforth Radio (0.5) GREAT BRITAIN  Bayonne Radio (0.1) FRANCE  Thorshavn Radio (1.0) DENMARK  Tangier Radio (2.0) MOROCCO	Dubrovnik Radio (0.12) YUGOSLAVIA (F.P.R.)	Odessa Radio (0.75) UKRAINE (RSS)  Adler Radio (C.O/0.07) U.R.S.S.
450	Kem Radio (0.1) U.R.S.S.	Tallinn Radio (0.5) ESTONIA	Göteborg Radio (1.0) SWEDEN  Boulogne-sur-Mer Radio (1.0) FRANCE	Funchal Radio (C.O/0.35) MADEIRA  Boa Nova Radio (C.O/0.35) PORTUGAL  Sagres Radio (C.O/0.35) PORTUGAL	Larnaca Radio (1.0) CYPRUS  Trapani Radio (1.0) ITALY  Soller Radio (Palma de Mallorca) 2) (0.5) SPAIN	Sukhumi Radio (0.5) U.R.S.S.  Eisk Radio (0.5) U.R.S.S.
454	Ships	Ships	Ships	Ships	Ships	Ships



<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
458	Murmansk Radio (1.0) U.R.S.S.	Gdynia Radio (2.0) POLAND  Szczecin Radio (1.0) POLAND	Cherbourg-Rouges-Terres Radio (0.5) FRANCE  Stonehaven Radio (0.5) GREAT BRITAIN	Horta Radio (0.0/2.0) AZORES  Montijo Radio (0.0/1.0) PORTUGAL	Toulon La Crau Radio (2.0) FRANCE  Izmir Radio (2.0) TURKEY	Kertch Radio (1.0) U.R.S.S.  Bokovo Radio (0.005) U.R.S.S.
461	Belomorsk Radio (1.25) U.R.S.S.	Copenhagen-Lyngby Radio (0.0/1.0) DENMARK  Tallinn Radio (1.0) ESTONIA	Scheveningen Radio (2.0) HOLLAND	Bordeaux Port Radio (1.0) FRANCE  Agadir Radio (2.0) MOROCCO	Tripoli Liban Radio (0.5) LEBANON  Malta Radio (3.0) MALTA	Constanta Radio (2.0) ROMANIA (P.R.)  Cagry Radio (0.07) U.R.S.S.  Akthari Radio (0.0/0.5) U.R.S.S.
464		Klaipeda Radio (0.25) LITHUANIA  Boden Radio (1.0) SWEDEN  Härnösand Radio (1.0) SWEDEN	Skagen Radio (0.35) DENMARK  Hiton Radio (0.5) GREAT BRITAIN	Mallaig Radio (0.35) GREAT BRITAIN	Gibraltar Radio (5.0) GIBRALTAR  Athina Radio (0.2) GREECE  Spezia Radio (La) (1.0) ITALY	Rostov-on-Don Radio (0.25) U.R.S.S.  Ialta Radio (0.3) U.R.S.S.
468	Ships	Ships	Ships	Ships	Ships	Ships
472	Murmansk Radio (0.3) U.R.S.S.	Kaliningrad Radio (1.0) U.R.S.S.	Havre-Port Radio (1e) (0.2) FRANCE  Dunkerque-Port Radio (0.15) FRANCE	Coruna Radio 2) (0.35) SPAIN  Portpatrick Radio (0.5) GREAT BRITAIN  Isafjördur Radio (0.1) ICELAND	Cagliari Radio (0.5) ITALY  Taranto Radio (1.0) ITALY  Maddalena (Ia) Radio (1.0) ITALY	Tuapse Radio (0.3) U.R.S.S.  Batumi Radio (0.07) U.R.S.S.
474		Kemi Radio (0.5) FINLAND  Kiel Radio (0.3) GERMANY (British Zone)	Elbe-Weser Radio (0.3) GERMANY (Brit. Zone)		Tobruch Radio (1.0) LIBYA  Trieste Radio (0.4) TRIESTE	

[illegible]



<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
512	Ships	Ships	Ships	Ships	Ships	Ships
516		Leningrad Radio (5.0) U.R.S.S.	Jersey Harbour Radio (0.05) GR. BRITAIN Guernsey Harbour Radio (0.05) GBRITAIN Stavanger Radio (1.0) NORWAY	Santa Maria Radio (C.0/0.45) AZORES Monsanto Radio (C.0/2.5) PORTUGAL Cork Radio (0.1) IRELAND Harstad Radio (1.0) NORWAY	Kerkyra Radio (0.5) GREECE Genova Radio (2.0) ITALY Adana Radio (1.0) TURKEY	Skadovsk Radio (0.5) UKRAINE (RSS) Sotshi Radio (1.0) U.R.S.S.
519		Kotka Radio (0.8) FINLAND Skamlebäk-Lyngby Radio (1.0) DENMARK			Roma Radio (5.0) ITALY	Odessa Radio (5.0) UKRAINE (RSS) Otchemtchiri Radio (C.0/0.1) U.R.S.S.
520			Hamar Broadcasting Station NORWAY			
522	Vardo Radio (1.0) NORWAY	Sassnitz Radio (0.1) GERMANY (URSS Zone) Warnemünde Radio (0.2) GERMANY (URSS Zone) Riga Radio (1.0) LATVIA		Land's End Radio (5.0) GREAT BRITAIN Flores Radio (C.0/0.45) AZORES Faro Radio (C.0/0.75) FAROES	Durres Radio (0.5) ALBANIA	Kilya Radio (0.5) UKRAINE (RSS) Rostov, Don Radio (0.5) U.R.S.S. Anapa Radio (0.5) U.R.S.S.

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
524		Ustka Radio (0.5) POLAND  Vaasa Radio (1.0) FINLAND  Hanko Radio (0.8) FINLAND	Kristiansand Radio (C.O/1.5) NORWAY	Bodö Radio (C.O/1.5) NORWAY	Beyrouth Radio (2.0) LEBANON  Augusta 4) Radio (C.O/5.0) ITALY  Cagliari Radio 4) (C.O/5.0) ITALY  Napoli Radio 4) (C.O/5.0) ITALY  Roma Radio 4) (C.O/5.0) ITALY  Taranto Radio 4) (C.O/5.0) ITALY  Venezia Radio 4) (C.O/5.0) ITALY	Trabzon Radio (1.0) TURKEY  Zonguldak Radio (1.0) TURKEY

(MAR 210-E)

Annex. 2

Countries	Name of Station	Frequencies (kc/s)	Power
Albania, P.R. of	Durres Radio	522	0.5
	Vlora Radio	476	0.2.
Azores	Flores Radio (C.O)	(418	0.45
		(522	0.45
	Horta Radio (C.O)	(418	2.0
		(458	2.0
	Ponta Delgada Radio	421	0.5
	Ponta Delgada Radio (C.O)	(418	0.45
		(487	0.45
	Santa Maria Radio (C.O)	418	0.45
		516	0.45
Belgium	Ostende Radio	489	2.0
		435	2.0
Bulgaria	Burgas Radio	421	0.5
	Varna Radio	489	2.0
Cyprus	Larnaca Radio	450	1.0
Denmark	Blaavand Radio	429	0.9
	Copenhagen-Lynby Radio	487	0.1
	" " " (C.O)	461	1.0
	Skagen Radio	464	0.35
	Skamlebaek-Lynbgy Radio	(487	0.75
	" " "	(519	1.0
	Thorshava Radio	447	1.0
Egypt	Alexandria Radio	444	2.0
	Ismailia Radio	421	0.5
Estonia	Tallinn Radio	450	0.5
		461	1.0
Finland	Hanke Radio	524	0.8
	Helsinki Radio	438	1.0
	Kemi Radio	474	0.5
	Kotka Radio	519	0.8
	Mariehamn Radio	438	1.0
	Vaasa Radio	524	1.0



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(MAR 210-E)

Countries	Name of Station	Frequencies kc/s.	Power
France	Agde Radio	421	5.0
	Alger Radio	416	1.0
	Bayonne Radio	447	0.1
	Bordeaux-Port Radio	461	1.0
	Boulogne-sur-Mer Radio	450	1.0
	Calais Radio	429	0.1
	Cherbourg-Rouges.Terres Radio	458	0.5
	Dieppe Radio	429	0.1
	Dunkerque-Port Radio	472	0.15
	Gouesnou Radio	(487	5.0
		(416	1.0
	Havre-Port Radio (Le)	472	0.2
	Lorient Radio	444	1.0
	Marseille Radio	432	1.0
	Oran-Ain-el-Turk Radio	434	0.5
	Rouen-Port Radio	419.5	0.2
	St. Nazaire Radio	432	1.0
	Toulon la Crau Radio	458	2.0
Germany British Zone	Elbe-Weser Radio	474	0.3
	Kiel Radio	474	0.3
	Norddeich Radio	444	1.0
Germany U.S.S.R. Zone	Ruegen Radio	432	1.0
	Sassnitz Radio	522	0.1
	Warnemunde Radio	522	0.2
Gibraltar	Gibraltar Radio	464	5.0
Great Britain	Burnham Radio	476	1.0
	Cullercoats Radio	484	0.5
	Folkestone Harbour Radio	429	0.25
	Guernsey Harbour Radio	516	0.05
	Humber Radio	441	0.5
	Jersey Harbour Radio	516	0.05
	Land's End Radio	438	5.0
		522	5.0
	Mallaig Radio	464	0.35
	Newhaven Sussex Radio	429	0.25
	Niton Radio	464	0.5
	North Foreland Radio	418	0.5
	Parkstone Quay Radio	429	0.5
	Portpatrick Radio	472	0.5
	Seaforth Radio	447	0.5
	Stonehaven Radio	458	0.5
	Wick Radio	432	1.2
Greece	Athinai Radio	418	1.5
	" "	464	0.2
	Corinth Radio	421	0.2
	Kerkyra Radio	516	0.2
	Rhodes Radio	432	0.5



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(MAR 210-E)

## Annex 2.

Countries	Name of Stations	Frequencies kc/s.	Power
Iceland	Isafjördur Radio	472	0.1
	Reykjavik Radio	484	3.0
	Seydisfjördur Radio	489	0.5
	Siglufjördur Radio	418	0.1
	Vestmannaeyjar Radio	418	0.1
Ireland	Cork Radio	516	0.1
	Malin Head Radio	421	0.5
	Valentia Radio	429	1.0
Italy	Ancona Radio	489	1.0
	Augusta Radio	429	1.0
	" " (C.O)	524	5.0
	Brindisi Radio	432	1.0
	Cagliari Radio	(472	0.5
	" " "	(489	1.0
	" " (CO)	(524	5.0
	Genova Radio	(487	2.0
	" " "	(516	2.0
	Maddalena Radio (La)	(444	0.5
		(472	1.0
	Napoli Radio	435	1.0
	" " (CO)	524	5.0
	Roma Radio	519	5.0
	" " (CO)	524	5.0
	Spezia Radio (La)	464	1.0
	Taranto Radio	472	1.0
	" " (CO)	524	5.0
	Trapani Radio	450	1.0
	Venezia Radio	429	1.0
	" " (CO)	524	5.0
Latvia S.S.R.	Libava Radio	441	0.5
		476	0.5
	Riga Radio	489	1.0
		522	1.0
	Vindava Radio	429	0.5
Lebanon	Tripoli Liyan Radio	461	0.5
	Beyrouth Radio	524	2.0

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(MAR 210-E)

Annex 2

Countries	Name of Stations	Frequencies kc/s	Power
Libya	Bengasi Radio	435	1.0
	Derna Radio	437	1.0
	Tobruch Radio	474	1.0
	Tripoli Radio	476	1.0
Lithuania S.S.R.	Klaipeda Radio	447	0.25
Madeira	Funchal Radio (CO)	418	0.35
		450	0.35
	Madeira Radio	444	0.5
Malta	Malta Radio	461	3.0
Morocco	Agadir Radio	461	2.0
	Casablanca Maroc Radio	441	2.0
	Tanger Radio	447	2.0
Netherlands	Scheveningen Radio	421	2.0
		461	2.0
Norway	Alesund Radio	487	1.0
	Bergen Norge Radio	416	2.0
	Bode Radio (CO)	524	1.5
	Farsund Radio	476	1.0
	Hammerfest Radio	438	1.0
	Harstad Radio	516	1.0
	Kristiansand Radio (CO)	524	1.5
	Rorvik Norge Radio	441	1.0
	Stavanger Radio	516	1.0
	Tjome Radio	438	1.0
	Tromso Radio	444	1.0
	Vardo Radio	522	1.0
Palestine	Palestine Radio	489	1.0
Poland (Republic of)	Darlowo Radio	464	0.5
	Gdansk Radio	435	1.0
	Gdynia Radio	421	1.0
		458	2.0
	Kolobrzeg Radio	435	0.5
	Swinoujacie Radio	435	2.0
		464	1.0
	Szczecin Radio	458	1.0
	Tolknicko Radio	444	0.25
	Ustka Radio	524	0.5

(D.16)

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(MAR 210-E)

Annex 2

Countries	Name of Stations	Frequencies kc/s	Power
Portugal	Apulia Radio (CO)	(418 487	1.0 1.0
	Boa Nova Radio (CO)	(418 450	0.35 0.35
	Cascais Radio (CO)	(418 476	0.35 0.35
	Faro Radio (CO)	(418 522	0.75 0.75
	Lisboa Radio	435	3.0
	Mensante Radio (CO)	(418 516	2.5 2.5
	Montigo Radio (CO)	(418 458	1.0 1.0
	Sagres Radio (CO)	(418 450	0.35 0.35
Roumanian P.R.	Constanta Radio	461	2.0
Spain	Cabo de Palos Radio	476	0.5
	Cabo Finistere Radio (Vigo Radio)	484	0.5
	Cabo Mayer Radio	441	0.5
	Cadiz Radio	484	0.35
	Coruna Radio	472	0.35
	Soller Radio	450	0.5
Sweden	Boder Radio	464	1.0
	Göteborg Radio	450	1.0
	Härnösand Radio	464	1.0
	Karlskrona Radio	416	1.0
	Stavnsas Radio	416	1.0
	Tingstade Radio	418	1.0
Trieste (American Zone)	Trieste	474	0.4
Tunisia	Bizerte Radio	441	0.5

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Annex 2

Countries	Name of Stations	Frequencies kc/s	Power
Turkey	Adana Radio	516	1.0
	Izmir Radio	453	2.0
	Istanbul Radio	416	6.8
		441	5.0
	Samsun Radio	416	2.0
	Trabzen Radio	524	1.0
	Zonguldak Radio	524	1.0
Ukraine S.S.R.	Genitchesk Radio	432	0.05
	Ismail Radio	432	1.0
	Kherson Radio	487	0.5
	Khorby Radio (CO)	444	0.5
	Kilya Radio	522	0.5
	Marinpol Radio	444	0.5
	Nikolaev Radio	438	0.3
	" " (CO)	418	1.0
	Odessa Radio	(447	0.75
		(416	0.5
		(519	5.0
	Osipenko Radio	418	0.5
	Otchakov Radio (CO)	429	0.5
	Skadovsk Radio	516	0.5
Union of Soviet Socialist Republics (USSR)	Adler Radio (CO)	447	0.07
	Akrhari Radio (CO)	461	0.5
	Anapa Radio	522	0.5
	Arkhangelsk Radio	416	1.0
		476	5.0
	Batumi Radio	472	0.07
		484	1.5
	Belomorsk Radio	461	1.25
	Bokovo Radio	458	0.005
	Eisk Radio	450	0.5
	Evpatoria Radio	421	0.25
	Feodosia Radio	435	0.5
	Gagry Radio	461	0.07
	Kalliningrad Radio	472	1.0
		484	0.5
	Kandalakcha Radio	447	0.12
	Kem Port Radio	450	0.1
	Kertch Radio	453	1.0
		476	0.005
	" " (CO)	416	0.5
	Khodovarikha Radio (CO)	444	0.1
	Leningrad Radio	484	0.3
		516	5.0
	Mezen Radio	487	0.5
	Murmansk Radio	458	1.0
		472	0.3
	Novorossiisk Radio	429	0.5
		489	0.5
	Onega Radio	441	0.25

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(MAR 210-E)

Annex 2

Countries	Name of Stations	Frequencies kc/s	Power
Union of Soviet Socialist Republics (Continued)	Otchemtchiri Radio (CO)	519	0.1
	Poti Radio	421	0.5
	Sochi Radio	516	1.0
	Sukhumi Radio	450	0.5
	Sulina Radio	484	0.5
	Taganrog Radio	441	0.1
		484	0.1
	Taman Radio	487	0.1
	Temruk Radio	438	0.25
	Tuapse Radio	435	0.07
		472	0.3
	Viborg Radio	444	0.5
	Yalta Radio	464	0.3
	Rostov Radio	464	0.25
		522	0.5
Yugoslavia F.P.R.	Dubrovnik Radio	447	0.12
	Rijeka Radio	484	0.5
		438	0.5
	Split Radio	438	1.0
		484	1.0

(D.16)

MARITIME  
REGIONAL RADIO CONFERENCE  
KØBENHAVN 1948

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MAR Document No. 211-E  
September 14, 1948

Submitted in: English

T e x t

adopted by the Drafting Committee (Committee 5)  
and submitted to the Plenary Assembly for  
first reading

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Series No. 3-MAR

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Section II

Tables showing Distribution of Frequencies

1. (1) Table I below shows the distribution of frequencies among the coast stations of the European Maritime Area classified in numerical order of frequencies.  
  
(2) Stations using the same frequency are shown in the Table in the alphabetical order of the countries to which they belong, and stations of the same country are shown in the alphabetical order of their official designations.
2. (1) Table II below shows the distribution of frequencies among the coast stations of the European Maritime Area classified in alphabetical order of the countries to which they belong.  
  
(2) Stations of the same country in the table are shown in the alphabetical order of their official designations.
3. Tables I and II provide for the assignment of frequencies both to the contracting countries of the European Maritime Area and to the countries non-signatories of the Convention.

September 13, 1948

Submitted in: English

C O M M I T T E E 4  
(Technical Committee )

Eleventh Meeting  
13 September 1948

The meeting opened at 2000 hours with Mr. MOE (Norway) in the Chair as Mr. KUYPER was unfortunately ill.

1. The CHAIRMAN explained that he had just returned from Oslo to take the Chair, and that Colonel PARKER would act as rapporteur.
2. The first item on the Agenda was a discussion of the Minutes of the EIGHTH Meeting of Committee 4 of the Marine Conference (MAR Document No. 190).

The delegate of BELEORUSSIA pointed out that he had some points of drafting which he would submit later to the rapporteur.

The delegate of the UNITED KINGDOM asked which country should have been mentioned in a badly printed place, and was informed by the delegate of FRANCE that the country was FRANCE and the document was accordingly approved.

MAR Document No. 198 was then considered, but the delegate of U.S.S.R. pointed out that it had not been published in Russian, but the meeting decided to approve the English and French text and then provided no remarks of substance arose, the Russian text could be corrected by remarks handed to the rapporteur.

The delegate of YUGOSLAVIA pointed out that on page 4 of the document regarding the use of wireless telegraphy, the text should read "were to be used only". The document MAR No. 198 was then approved in the English and French texts.

The CHAIRMAN then directed the attention of delegates to document MAR No. 191 and document MAR No. 207 - the Marine Plan and amendments respectively - and gave the floor to Mr. BILLINGTON, the Chairman of the Planning Group. Mr. BILLINGTON stated that since the document MAR No. 191 had been first examined, several Planning Group meetings had been held, and that the requests tabled at the last Committee 4 meeting had been studied and incorporated as far as possible.

Another outstanding point concerned Oestersund. The Copenhagen Broadcasting Conference had finally decided that it must remain in derogation, and had recommended on this basis certain changes which were incorporated in documents MAR Nos. 191 and 207 to form the final plan. The CHAIRMAN of the Planning Group then thanked the Group for its cooperation in producing what he hoped would be a plan acceptable to all delegations.

The CHAIRMAN thanked Mr. Billington for the important work which had been done, and invited comments from the delegates. The delegate of DENMARK requested information regarding DARLOWA and SCWINJOVCIA shown in the plan on 464 kc/s. Had it been considered that SKAGEN worked on this frequency.

(MAR Doc. 212-E)

Mr. BILLINGTON agreed that the matter should be looked into in order to present an acceptable solution to the meeting.

The delegate of ITALY asked why BENGHAZI radio had been altered, and was informed that it was to enable a better share to be obtained for Italy, since the distance from Benghazi to Naples was greater than from Benghazi to Augusta.

The delegate of ITALY expressed himself satisfied on this point, but had a question relative to document RD No. 379 of the Copenhagen Broadcasting Conference. He noted that Beromunster was shown on 529 kc/s.

The delegate of the UNITED KINGDOM stated that this was to give a 10 kc/s separation between Budapest and Beromunster, as it was only on these conditions that it was agreed that Beromunster could work on the first channel of the Broadcasting Band, thus permitting Helsinki which is on the sea coast, to take channel 557 kc/s outside the Maritime Band.

The delegate of ITALY explained that Beromunster was nearer to his coast stations than Budapest and proposed that Committee 4 of the Marine Conference should ask the Copenhagen Broadcasting Conference to exchange the two stations in order to cause less interference. After discussion the delegate of ITALY felt it would be better to return to his original proposal that Beromunster should be put on 530 kc/s but agreed to raise this point again when the plan had been discussed.

The CHAIRMAN asked Mr. BILLINGTON if a solution had been found for the problem raised by the delegate of DENMARK concerning SKAGEN. After discussion a solution was obtained which it was agreed would appear when the plan was presented.

The delegate for POLAND then pointed out that the arrangements concerning OSTERSUND meant that with this station on 420 kc/s he would have no protection for his frequency of 421 kc/s allotted to Gdynia. He pointed out that in the Kattegat the station of Ostersund gave 170 microvolts per metre which was less than Gdynia gave at the same place.

The delegate of the UNITED KINGDOM pointed out that 421 kc/s was Gdynia's second frequency, and Gdynia had a first frequency of 428 kc/s and that in any case interference to 421 kc/s was mainly at night so that the frequency of 421 should give reasonable service as a second frequency.

The delegate of POLAND pointed out however, that three of his six frequencies were in derogation, and that some attempt should be made to find a suitable solution.

The delegate of U.R.S.S. felt that a solution would be to insist on a decrease of power by Ostersund and Oulu at night. He stated that the Lucerne Plan provided a precedent for a deduction of power at night.

The delegate of FRANCE suggested a way to assist the problem of the delegate of Poland by permitting Gdynia to use not only 421 kc/s but also, if so desired, the frequency of 447 kc/s used by Swinjoucia. This solution was agreed, and a record made that a footnote covering this point would be included in the plan.



The delegate of U.S.S.R. returned to his point concerning the reduction of power of broadcasting stations in derogation at night.

The delegate of Sweden stated that this matter had been explained on several occasions by his delegation.

The delegate of U.R.S.S. stated that at the Marine Conference it had been agreed by many nations to reduce their power at night and he could not see why Sweden could not reduce the power of this station to avoid interference at night.

The delegate of Roumania pointed out that Article 3 of the Preamble to the Plan recommended the principle of night time power reduction for maritime stations.

The delegate of the U.S.S.R. proposed a text for discussion as follows: - "Committee 4 of the Maritime Conference considers it necessary that Broadcasting stations working in Maritime bands should be compelled to reduce their power in hours of darkness by 8 to 10 db as against the power used by these stations during daylight."

The delegate of Norway pointed out that this would reduce Oestersund and Oulu to 1.5 kW at night, which was quite unreasonable.

The delegate of the Netherlands asked if directional antennae were used at Oestersund and Oulu. He was informed that such aerials were used with a protection factor of 10 db.

The delegate of Sweden pointed out that in order to satisfy the degree of protection agreed on by the Marine Conference for their signals of 25 microvolts, it would be necessary to restrict Oestersund to a radiated power of 0.1 watts even to obtain protection at a distance of 200 kms.

The delegate of U.S.S.R. agreed to remove the question of the magnitude of the power reduction from his proposition, and stated he would raise the matter at the Marine Plenary.

The Chairman pointed out that there was one question which it had not been possible to resolve. This was the question of allocating an extra frequency to Elbe Weser Radio and the question of the power of Kiel Radio.

The United Kingdom had to insist on the extra frequency for Elbe Weser Radio and that the power of Kiel Radio should be 1 kW. It was agreed that this matter also was a question for the Plenary.

A discussion ensued concerning the form of the document containing the Plan to be submitted to the Plenary. It was agreed it should be in three languages, and would contain an alphabetical list of stations according to each language.

The delegate of France raised a point concerning MAR Document no.205. He proposed that in paragraph (b) of the recommendations that after the ending "operate on the above mentioned frequencies" the words "or neighbouring frequencies" be added to cover the point regarding harmonic interference from Broadcasting Stations whose frequencies were not exactly as stated in paragraph (b) of MAR Document no.205.

The Chairman pointed out the method of approval of the Minutes of the meeting since this would be the last meeting of Committee 4, and then returned to the proposal raised by the delegate of Italy previously.

The delegate of Italy stated that since he now saw that the Swiss had another wave in RD Document no. 379, which was fairly close to Beromunster, his original proposal would be unacceptable, so he proposed to put forward to the Broadcasting Conference Plenary that Committee 4 of the Marine Conference recommends that frequency 529 kc/s be changed to 530 kc/s to avoid interference with Maritime Services. The Chairman repeated the proposal and asked if there were any objections, in the absence of which the proposal was adopted.

The delegate of the United Kingdom then proposed a vote of thanks to Mr. Kuyper and to the Vice-Chairman. He asked the Chairman to pass to Mr. Kuyper the regrets of the Committee that he was prevented by his illness from being present at the Meeting or at the Plenaries.

The United Kingdom delegate expressed his appreciation of the way in which Mr. Kuyper had worked, and of the way in which he had conducted the meetings. He expressed appreciation of his excellent qualities and conveyed to him his wishes for a speedy recovery.

The Chairman thanked Mr. Billington and stated that he would convey the Meeting's wishes to Mr. Kuyper. He also wished on behalf of Mr. Kuyper and himself, to thank Mr. Billington for his help in solving the questions put forward. He stated that everyone had co-operated in obtaining the best future operating conditions for the Maritime Services; especially he thanked the Planning Group and its Chairman, Mr. Billington, for the hard work they had done, and he expressed on behalf of Committee 4 their thanks to the Chairman of the Planning Group for his hard and useful work.

The Meeting closed at 0030 hours.

Rapporteur J.D. Parker

Chairman:  
Olaf Moe.

15 September, 1948

Submitted in: French

R E P O R T  
of Committee 5  
(Drafting Committee)

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4th Meeting.

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The Meeting was opened at 4.00 p.m.

The Committee proceeded to revise the following texts, taking into account the modifications decided upon by the Plenary Assembly (Meeting of 15 September 1948):

Section I of the Preamble of the Plan (Doc. MAR 189)

Section II of the Preamble of the Plan (Doc. MAR 211)

The revised texts are contained in Document MAR No. 214 (Pink Series) which appears as an annex to the present Document.

J.M. Biansan

Chairman

(Tr.40/R.4/D.30)

**Maritime Regional  
Radio Conference  
København 1948**

*MAR Document No 214 - E  
15 September, 1948*

*Submitted in: English*

*Annex to: MAR Doc. No. 213 - E*

## **TEXTS**

adopted by  
the Drafting Committee (Committee 5)  
(Meeting of 15 September, 1948)  
and submitted  
to the Plenary Assembly  
for second reading

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**Series No. B - MAR**  
(P. 9-12)

## COPENHAGEN PLAN

*for the distribution of frequencies between the coast stations  
of the European Maritime Area  
annexed to the European Regional Convention for the  
Maritime Mobile Radiocommunications Service.*

### PREAMBLE

#### SECTION 1

#### GENERAL PROVISIONS

##### ARTICLE 1

##### **Definitions.**

1. In this preamble and in the Frequency Allocation Plan which follows it, technical terms are used in accordance with the definitions contained in Article 1, of the Radio Regulations of Atlantic City (1947). Any necessary additional definitions are given in paragraph 2 of this Article.

##### **2. In this Plan:**

(1) The word «Convention» denotes the European Regional Convention for the Maritime Mobile Radiocommunications Service of Copenhagen (1948);

(2) The words «Radio Regulations» denote the Radio Regulations as defined in Article 3, (2), of the Convention;

(3) The word «Plan» denotes the Copenhagen Plan annexed to the Convention as defined in Article 3, (3), of the Convention;

(4) The words «European Maritime Area» denote the area defined in Article 3, (6), of the Convention;

(5) The word «Power» denotes the peak power of a radio transmitter as defined in Article 1 (Number 61) of the Radio Regulations.

## ARTICLE 2

**Power.**

1. The powers indicated for the coast stations in the Plan are the maximum powers that may be used.

2. The powers indicated for the coast stations in the Plan are those which are capable of giving good working conditions during the hours of daylight as regards mutual interference between stations, but it is recommended that during the hours of darkness less power be used, especially as regards those stations which have a power of more than 0,5 kW, except in case of necessity.

## ARTICLE 3

**Use of Frequencies.**

1. In the Plan, frequencies in the bands 415—490 kc/s and 510—525 kc/s, allocated for the Maritime Mobile Service in accordance with the provisions of the Radio Regulations, are assigned to coast stations.

2. No frequency assignment has been made to coast stations  
— in the band 405—415 kc/s allocated essentially to the Radio Direction-Finding Service,  
— in the band 490—510 kc/s reserved for distress, calling and reply,  
— among the frequencies

425 kc/s

454 kc/s

468 kc/s

480 kc/s

512 kc/s

reserved for ship stations, account being taken of the provisions of Article 33, § 8, (3), (Number 732) of the Radio Regulations in the case of the frequency 512 kc/s.

3. (1) In the Plan the separation between adjacent channels used by coast stations is, in most cases, 3 kc/s. However, it has proved necessary in a few exceptional cases, to reduce this separation in order to allow of a fuller use of the frequency bands.

(2) The separation between adjacent channels, used by coast stations on the one hand and by ship stations on the other, is 4 kc/s.

(3) The following frequencies are assigned to coast stations:

416 kc/s	438 kc/s	461 kc/s	487 kc/s
418 kc/s	441 kc/s	464 kc/s	489 kc/s
421 kc/s	444 kc/s	472 kc/s	516 kc/s
429 kc/s	447 kc/s	476 kc/s	519 kc/s
432 kc/s	450 kc/s	484 kc/s	522 kc/s
435 kc/s	458 kc/s		524 kc/s

Exceptionally, the frequencies 419.5 and 474 kc/s are assigned to the following stations:

Rouen-Port Radio  
 Elbe-Weser Radio  
 Kemi Radio  
 Kiel Radio  
 Tobruch Radio  
 Trieste Radio

(4) In preparing the Plan a frequency tolerance of 0.1 % for coast station transmitters and 0.3 % for ship station transmitters has been adopted.

#### ARTICLE 4

##### **Type of Emission.**

With a view to eliminating or minimising interference between adjacent channels it is recommended that type A1 emissions be used as far as possible by coast and ship stations, when operating on their working frequencies.



## ARTICLE 5

**Interference caused by stations operating in derogation.**

1. In accordance with the decision taken by the European Broadcasting Conference of Copenhagen (1948), no broadcasting stations other than those mentioned in the Plan shall be permitted in derogation in the band 415—485 kc/s and 515—525 kc/s allocated to the maritime mobile service and they shall not cause harmful interference to stations of that service.

2. If unforeseen interference occurs, the Administrations concerned will do their utmost to obtain agreements capable of eliminating this interference and, in such cases, the maritime mobile service will take precedence over the broadcasting service.

## SECTION II

**Tables showing Distribution of Frequencies.**

1. (1) Table I below shows the distribution of frequencies among the coast stations of the European Maritime Area classified in numerical order of frequencies.

(2) Stations using the same frequency are shown in the Table in the alphabetical order of the countries to which they belong, and stations of the same country are shown in the alphabetical order of their official designations.

2. (1) Table II below shows the distribution of frequencies among the coast stations of the European Maritime Area classified in alphabetical order of the countries to which they belong.

(2) Stations of the same country in the Table are shown in the alphabetical order of their official designations.

3. Tables I and II provide for the assignment of frequencies both to the contracting countries of the European Maritime Area and to the countries non-signatories of the Convention.

Submitted in: French

COMMITTEE 2

(Credentials)

Report of the 5th and last Meeting

15 September, 1948  
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The Meeting was opened at 4.30 p.m. with Mr. Wolowski in the Chair.

The Agenda comprised the three following items:

- 1) Adoption of the Report of the 4th Meeting (Doc. 174) and of the Chairman's Report (Doc. 164).
- 2) Consideration of the Documents handed to the Secretariat since the preceding Meeting.
- 3) Miscellaneous.

First Item

The Documents MAR 164 and MAR 174 were adopted without observations.

Second Item

The cases of the following eight countries remained for consideration: Albania (P.R.), Belgium, Denmark, Egypt, France, Hungary, Morocco and Tunisia, Roumanian P.R.

The Committee noted the following facts:

- 1) Egypt and Hungary were not empowered to sign the final acts;

The Egyptian Delegation had submitted no credentials;

The Hungarian Delegation had stated that it would not receive its credentials in time, but that the Hungarian Government reserved the right to sign at a later date if the Convention remained open.

In this connection, the Committee was of opinion that Hungary could adhere to the Convention whenever it deemed fit in view of the fact that the Convention was not likely to remain open to signature after the closing session.

- 2) The credentials of the Delegations of Belgium and Denmark had been received and were in order.
- 3) A telegram had announced the credentials of France, Morocco and Tunisia (for Morocco) and the Roumanian P.R. These countries would, therefore, be in a position to give valid signatures.
- 4) The Government of Albania (P.R.) should be requested to give a written confirmation of its telegram of August 12 to the effect that Mr. Kito's powers were valid for the Maritime Conference as well as for the Broadcasting Conference.

(D.16)

Following this survey, the Committee examined generally the various cases of the 33 countries invited. The results of this examination are contained in MAR Doc. 216, the Chairman's final Report.

Third Item.

The Delegate of Bielorussia, speaking on behalf of all his colleagues, congratulated Mr. Wolowski and thanked him for the work accomplished under his Chairmanship.

Mr. Wolowski wished Mr. Gneme, Chairman of the Committee to be given his share of the congratulations which had just been tendered. He proposed, on behalf of the Members of the Committee, to send to Mr. Gneme at Geneva a personal copy of the Report containing the congratulations and the wishes of Committee 2 to its Chairman.

The Committee approved the final Report which was to be sent by its Chairman to the Chairman of the Conference.

The Meeting rose at 5.15 p.m.

J. Revoy

Rapporteur.

K. Wolowski

Vice-Chairman.

(Tr.7/R4/D.16)

MARITIME REGIONAL  
RADIO CONFERENCE  
KOBENHAVN, 1948

MAR Document No. 216-E  
September 16, 1948

Submitted in: French

FINAL REPORT  
OF THE CHAIRMAN OF COMMITTEE 2  
(Credentials)  
TO THE CHAIRMAN OF THE CONFERENCE  
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Committee 2 has examined all the letters of credentials received by the Secretariat of the Conference. It has noted that, of 28 countries participating in the Conference, 22 have issued full powers recognised as valid for signing. Four countries (Albania (P.R), France, Morocco and the Roumanian P.R.) have sent documents announcing the early arrival of full powers. Two countries (Egypt and Hungary) have issued no authorisation for signing.

The five following countries, which were invited to the Conference, did not participate: Austria, State of the Vatican City, Lebanon, Luxembourg, and Syria.

This Report completes the Reports of Meetings of Committee 2: Documents MAR 27, 34, 83, 174 and 215, along with the Report of 4 September 1948 from the Chairman of Committee 2 to the Chairman of the Conference (Document MAR 164).

K. Wolowski

Chairman of Committee 2

(Tr.42/R4/D16)

**Maritime Regional  
Radio Conference  
København 1948**

*MAR Document No. 217 - E*  
15 September, 1948

**TEXTS**  
of  
**Recommendations**  
submitted  
to the Plenary Assembly  
for second reading

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*Series No. C - MAR*  
(P. 13-17)

**Recommendation No. 1 to the Administrations**

*regarding interference caused to the reception of transmissions from coast stations by the harmonics of broadcasting transmissions.*

The Maritime Regional Radio Conference, Copenhagen (1948),

*considering:*

- a) that the harmonics of the transmissions from broadcasting stations cause interference to the reception of transmissions from coast stations;
- b) that the harmonics of the frequencies 167 kc/s, 205 kc/s, 250 kc/s, 727 kc/s and 1091 kc/s coincide with the international distress frequencies of the maritime mobile service and with the normal radio direction-finding frequency of the maritime radio navigation service;

*recommends:*

- a) that the necessary steps be taken as soon as possible to reduce to the standards specified in Appendix 4 to the Radio Regulations, Atlantic City, 1947, the powers of harmonic and parasitic emissions from broadcasting stations, in the bands allocated to the maritime mobile service;
- b) that these steps be taken particularly with regard to broadcasting stations which may operate on the above-named frequencies.

**Recommendation No. 2 to the next International Radio Conference**

*regarding the exclusion of broadcasting stations from operating in derogation in the bands allocated to the maritime mobile service.*

The Maritime Regional Radio Conference, Copenhagen (1948),

*considering:*

the increased requirements of the maritime mobile service and the difficulties in satisfying those requirements owing to the limitations placed on the use of certain frequencies by the presence of broadcasting stations operating in derogation;

*recommends:*

to the next International Radio Conference that it should draw up a frequency table such that the frequency bands allocated will make it possible in future to exclude broadcasting stations from operating in derogation in the maritime mobile bands.

**Recommendation No. 3 to Administrations and to the C.C.I.R.**  
*on the levels of interference to radioreception on ships caused by  
electrical installations on ships.*

The Maritime Regional Radio Conference, Copenhagen (1948),

*considering:*

- a) that the level of interference to radioreception on ships is a complicated question on which little data is available;
- b) that the Safety of Life at Sea Conference, London (1948) requested that all steps be taken to eliminate as far as possible the causes of radio interference from electrical and other apparatus on board;

*recommends to Administrations and the C.C.I.R.:*

to study the question of interference to radioreception caused by electrical installations on board ship;

*and draws the attention of Administrations:*

to the need to take all steps possible to eliminate or at least to reduce to a minimum the level of such interference.



**Recommendation No. 4 to Administrations and the C.C.I.R.**  
*on the subject of interference to radioreception caused by radar apparatus.*

The Maritime Regional Radio Conference, Copenhagen (1948),

*considering:*

- a) that there is a possibility of interference to radioreception due to ships' radar;
- b) that there is a lack of information on the extent and value of such interference;
- c) that the Safety of Life at Sea Conference, London (1948) recommended that Governments consider the possibility of issuing specifications to indicate the standards desired;

*recommends to Administrations and the C.C.I.R.:*

that performance specifications for the installation and operating of ships' radar apparatus should include the provisions necessary to ensure that such apparatus does not cause interference with the radio-communication apparatus on board.

**Recommendation No. 5 to Administrations and the C.C.I.R.**  
*on the question of interference to radioreception due to atmospheric causes.*

The Maritime Regional Radio Conference, Copenhagen (1948),

*considering:*

- a) that interference to radioreception due to atmospheric causes results in great difficulties for the maritime mobile service;
- b) that no definite figures are available indicating the general levels of such interference;

*recommends to Administrations and the C.C.I.R.:*

- a) to study the question of interference to radioreception at sea due to atmospheric causes and subsequently
- b) to determine figures for the level of atmospheric interference in the frequency bands allocated to the maritime mobile service for the different regions of the European Maritime Area.

**Recommendation No. 6 to the Administrations**

*on the subject of the minimum depth of modulation and the level of non-linear distortion for coast station transmitters.*

The Maritime Regional Radio Conference, Copenhagen (1948),

*considering:*

that it is desirable

- to specify a minimum depth of modulation for Type A2 emissions from coast stations;
- and to avoid a widening of the radiated bands,

*recommends:*

- that the minimum depth of modulation for coast station transmitters using Type A2 be 70 %;
- and that the non-linear distortion should not exceed 10 % with a modulation depth of 80 %.

**Recommendation<sup>1)</sup>**

*to be brought to the attention of all Administrations through the intermediary of the Secretary General of the Union.*

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**Recommendation to the Administrations**

*regarding the class of emission to be used by coast and ship stations.*

The Maritime Regional Radio Conference, Copenhagen (1948),

*considering:*

that Type A2 emissions occupy a greater bandwidth than Type A1 emissions, thus causing interference to transmissions on adjacent frequencies;

*recommends:*

that coast stations and ship stations should, to the greatest extent possible, make use of Type A1 emissions when operating on their working frequencies.

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<sup>1)</sup> This recommendation is contained in Article 4 of the Preamble of the Plan annexed to the European Regional Convention for the Maritime Mobile Radiocommunications Service of Copenhagen (1948).

*Note.* This Recommendation will not be inserted at the end of the Acts of the Maritime Regional Radio Conference of Copenhagen.

MARITIME REGIONAL  
RADIO CONFERENCE  
KØBENHAVN 1948

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MAR Document No. 218 E  
September 16, 1948

Submitted in: French

A G E N D A

of the 6th Meeting of the  
Plenary Assembly

Thursday, 16 September, 2.30 p.m.

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1. Approval of the Minutes of the 4th Meeting, MAR Doc. 192  
(distributed in French only)
  2. 2nd reading of the Convention (MAR Doc. 194) and of the  
Preamble to the Plan (MAR Doc. 214).
  3. 2nd reading of the Recommendations (MAR Doc. 217).
  4. Approval of the Plan.
  5. Reservations and Statements.
  6. Statement to the Press.
  7. Miscellaneous.
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(Tr. 5/D.19)

Maritime  
Regional Radio Conference  
København, 1948

MAR Document No 219 - E

September 16, 1948

Submitted in : French

Plan for the distributing  
of frequencies between the coast stations  
of the European Maritime Area

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Submitted to the  
Plenary Assembly  
for second reading.

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Series D-MAR

(p.18 - 33)

Notes

1. The Frequencies 416 and 487 kc/s used by Gouesnou Radio may be used by Le Conquet Radio when it replaces this station.
2. The frequency of 447 kc/s allocated to Swinoujscia Radio may be used by Gdynia Radio (421 kc/s) when necessary.
3. The frequencies provided for Ostende Radio (435 kc/s) and for Anvers Radio (489 kc/s) may be used reciprocally by Anvers Radio and Ostende Radio.
4. The frequencies provided for Rijeka Radio (438 kc/s) and for Split Radio (484 kc/s) may be used reciprocally by Split Radio and Rijeka Radio.
5. In the case of the Spanish Coast Stations, the power indicated is that given in the Berne List of Coast and Ship Stations for 1939.
6. In the absence of any request for frequencies for a coast station in Palestine, provision has been made in the plan for one frequency 489 kc/s, with a maximum permitted power of 1 kW, to be used by that country.
7. The Italian stations listed on 524 kc/s will only use this frequency for meteorological bulletins and will use emissions of type A2 with a peak power of 2 kW.

(D.19)

TABLE I

CLASSIFICATION BY NUMERICAL ORDER OF FREQUENCIES

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
416	Arkhangelsk Radio Radio(1.0) R.S.F.S.R.	Karlskrona Radio (1.0) SWEDEN  Ståvsnäs Radio (1.0) SWEDEN		Gouesnou Radio <sup>1)</sup> (1.0) FRANCE  Bergen Radio (2.0) NORWAY	Alger Radio (1.0) FRANCE	Istanbul Radio (0.8) TURKEY  Samsun Radio (2.0) TURKEY  Kertch Radio (CO./0.5)R.S.F.S.R.
418		Tingståde Radio (1.0) SWEDEN	North Foreland Radio (0.5) G. BRITAIN	Siglufjördur Radio (0.1) ICELAND Vestmannaeyjar Radio (0.1) ICELAND  Boa Nova Radio (CO/035) PORTUGAL Cascais Radio (CO/0.35)PORTUGAL Faro Radio (CO/0.73)PORTUGAL  Apulia Radio (CO/1.0) PORTUGAL (AZORES) Flores Radio (CO/0.45)PORTUGAL (AZORES) Horta Radio(CO/2.0)- PORTUGAL (AZORES) Ponta Delgada Radio(CO/0.45) PORTUGAL (AZORES) Santa Maria Radio(CO/0.45) PORTUGAL(AZORES)  Funchal Radio(CO/0.35) PORTUGAL (MADEIRA)	Athinai Radio (1.5) GREECE	Nikolaev Radio (CO/1.0) UKRAINE (S.S.R.)  Osipenko Radio (0.5) UKRAINE (S.S.R)



- 20 -  
MAR 219-1

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
418				Monsanto Radio (CO/2.5) PORTUGAL Montijo Radio (CO/1.0) PORTUGAL Sagres Radio (CO/0.35) PORTUGAL		
419.5			Rouen-Port Radio (0.2) FRANCE			
420		Oestersund Broad- casting Station X (10.0) SWEDEN				
421		Gdynia Radio <sup>2)</sup> (1.0) POLAND	Scheveningen Radio (2.0) NETHERLANDS	Malin Head Radio (0.5) IRELAND Ponta Delgada Radio (0.5) PORTUGAL (AZORES)	Ismailia Radio (0.5) EGYPT Agde Radio (5.0) FRANCE Corinth Radio (0.2) GREECE	Burgas Radio (0.5) BULGARIA (P.R.) Evpatoria Radio (0.25) R.S.F.S.R. Poti Radio (0.25) U.S.S.R.
425	Ships	Ships	Ships	Ships	Ships	Ships
429		Vindava Radio (0.5) LATVIA (S.S.R.)	Blavand Radio (0.9) DENMARK Calais Radio (0.1) FRANCE  Dieppe Radio (0.1) FRANCE Folkestone Harbour Radio (0.25) GREAT BRITAIN  Newhaven (Sussex) Radio (0.25) GREAT BRITAIN	Valentia Radio (1.0) IRELAND	Augusta Radio (1.0) ITALY Venezia Radio (1.0) ITALY	Otchakov Radio (CO/0.5) UKRAINE (S.S.R.) Novorossiisk Radio (0.5) R.S.F.S.R.

X) Directional Antenna protection South-West.

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
429			Parkestone Quay Radio (0.5) GREAT BRITAIN			
432		Rügen Radio (1.0) GERMANY (URSS Zone)		St. Nazaire Radio (1.0) FRANCE  Wick Radio (1.2) GREAT BRITAIN	Marseille Radio (1.0) FRANCE  Rhodes Radio (0.5) GREECE  Brindisi Radio (1.0) ITALY	Genitchesk Radio (0.05) UKRAINE (S.S.R.)  Ismail Radio (1.0) UKRAINE (S.S.R.)
433		Oulu Broadcasting Station X) (10.0) FINLAND.				
435		Gdansk Radio (1.0) POLAND Kolobrzeg Radio (0.5) POLAND Swinousjcie Radio (2.0) POLAND	Ostende (Anvers) Radio 3) (2.0) BELGIUM	Lisboa Radio (3.0) PORTUGAL	Napoli Radio (1.0) ITALY Bengasi Radio (1.0) LIBYA	Feodosia Radio (0.5) R.S.F.S.R. Tuapse Radio (0.07) R.S.F.S.R.
438		Helsinki Radio (1.0) FINLAND Marichamn Radio (1.0) FINLAND	Tjøme Radio (1.0) NORWAY	Land's End Radio (5.0) GREAT BRITAIN Hammerfest Radio (1.0) NORWAY	Oran-Ain-El-Turk Radio (0.5) FRANCE Rijeka Radio <sup>4)</sup> (0.5) Yugoslavia (F.P.R.) Split Radio (1.0) Yugoslavia (F.P.R.)	Nikolaev Radio (0.3) UKRAINE (S.S.R.) Temruk Radio (0.25) R.S.F.S.R.
441	Omega Radio (0.25) R.S.F.S.R.	Libava Radio (0.5) LATVIA (S.S.R.)	Humber Radio (0.5) GREAT BRITAIN	Casablanca Maroc Radio (2.0) MOROCCO Rörvik Radio (1.0) NORWAY Cabo Mayor Radio <sup>5)</sup> (0.5) SPAIN	Bizerte Radio (0.5) TUNISIA	Istanbul Radio (3.0) TURKEY Tegonrog Radio (0.1) R.S.F.S.R.

X) Directional Antenna protection South-West.

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
444	Khodovarikha Radio (CO/0.1) R.S.F.S.R.	Tolkmicko Radio (0.25) POLAND Viborg Radio (0.5) U.S.S.R.	Norddeich Radio (1.0) GERMANY (Brit. Zone)	Lorient Radio (1.0) FRANCE Tromsø Radio (1.0) NORWAY Madeira Radio (0.5) PORTUGAL (MADEIRA)	Alexandria Radio (2.0) EGYPT Maddalena Radio (La) (0.5) ITALY	Mariupol Radio (0.5) UKRAINE (S.S.R.) Khorly Radio (CO /0.5) UKRAINE (S.S.R.)
447	Kandalakcha Radio (0.12) R.S.F.S.R.	Darlowo Radio (0.5) POLAND Swinoujscia Radio (1.0) POLAND		Thorshavn Radio (1.0) DENMARK Bayonne Radio (0.1) FRANCE Seaforth Radio (0.5) GREAT BRITAIN Tangier Radio (2.0) MOROCCO	Dubrovnik Radio (0.12) YUGOSLAVIA (F.P.R.)	Adler Radio (CO/0.07) R.S.F.S.R. Odessa Radio (0.75) UKRAINE (S.S.R.)
450	Kem Radio (0.1) R.S.F.S.R.	Tallinn Radio (0.5) ESTONIA (S.S.R.)	Göteborg Radio (1.0) SWEDEN Boulogne-sur-Mer Radio (1.0) FRANCE	Boa Nova Radio (CO/0.35) PORTUGAL Sagres Radio (CO/0.35) PORTUGAL Funchal Radio (CO/0.35) PORTUGAL (MADEIRA)	Larnaca Radio (1.0) CYPRUS Trapani Radio (1.0) ITALY Soller Radio (Palma de Mallorca) 5) (0.5) SPAIN	Bisk Radio (0.5) R.S.F.S.R. Sukhumi Radio (0.5) U.S.S.R.
454	Ships	Ships	Ships	Ships	Ships	Ships
						(D-35)

Freq.	Barents and White Seas	Baltic Sea	English Channel and North Sea	Atlantic	Mediterranean	Black Sea
458	Murmansk Radio (1.0) R.S.F.S.R.	Gdynia Radio (2.0) POLAND Szczecin Radio (1.0) POLAND	Cherbourg-Rouges-Terres Radio (0.5) FRANCE Stonehaven Radio (0.5) GREAT BRITAIN	Montijo Radio (CO/1.0) PORTUGAL Horta Radio (CO/2.0) PORTUGAL (AZORES)	Toulon La Crau Radio (2.0) FRANCE Izmir Radio (2.0) TURKEY	Bokovo Radio (0.005) R.S.F.S.R. Kertch Radio (1.0) R.S.F.S.R.
461	Belomorsk Radio (1.25) R.S.F.S.R.	Copenhagen-Lyng- Radio (CO/1.0) by Denmark Tallinn Radio (1.0) ESTONIA (S.S.R.)	Scheveningen Radio (2.0) NETHERLANDS	Bordeaux Port Radio (1.0) FRANCE Agadir Radio (2.0) MOROCCO	Tripoli Liban Radio (0.5) LEBANON Malta Radio (3.0) MALTA	Constanta Radio (2.0) ROUMANIA (P.R.) Akthari Radio (CO/0.5) R.S.F.S.R. Gagry Radio (0.07) U.S.S.R.
464		Klaipeda Radio (0.25) LITHUANIA (S.S.R.) Boden Radio (1.0) SWEDEN Hänösand Radio (1.0) SWEDEN	Skagen Radio (0.35) Denmark Niton Radio (0.5) GREAT BRITAIN	Mallaig Radio (0.35) GREAT BRITAIN	Gibraltar Radio (5.0) GIBRALTA Athina Radio (0.2) GREECE Spezia Radio (La) (1.0) ITALY	Ialta Radio (0.3) R.S.F.S.R. Rostov-on-Don Radio (0.25) R.S.F.S.R.
468	Ships	Ships	Ships	Ships	Ships	Ships
472	Murmansk Radio (0.3) R.S.F.S.R.	Kaliningrad Radio (1.0) R.S.F.S.R.	Havre-Port Radio (1e) (0.2) FRANCE Dunkerque-Port Radio (0.15) FRANCE	Portpatrick Radio (0.5) GREAT BRITAIN Isafjördur Radio (0.1) ICELAND Coruna Radio (0.35) SPAIN	Cagliari Radio (0.5) ITALY Maddalena Radio (1a) (1.0) ITALY Taranto Radio (1.0) ITALY	Tuapse Radio (0.3) R.S.F.S.R. Batumi Radio (0.07) U.S.S.R.
474		Kemi Radio (0.5) FINLAND Kiel Radio (0.3) GERMANY (British Zone)	Elbe-Weser Radio (0.3) GERMANY (British Zone)		Tobruch Radio (1.0) LIBYA Trieste Radio (0.4) TRIESTE (Anglo-American Zone)	

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
476	Arkhangelsk Radio (5.0) R.S.F.S.R.	Libava Radio (0.5) LATVIA (S.S.R.)	Farsund Radio (1.0) NORWAY	Burnham on Sea Radio (1.0) GREAT BRITAIN Cascais Radio (CO/0.35) PORTUGAL	Vlora Radio (0.2) ALBANIA (P.R.) Tripoli (Libya) Radio (1.0) LIBYA Cabo de Palos Radio <sup>5)</sup> (0.5) SPAIN	Odessa Radio (0.5) UKRAINE (S.S.R.) Kertch Radio (0.005) U.S.S.R.
480	Ships	Ships	Ships	Ships	Ships	Ships
484		Koliningrad Radio (0.5) R.S.F.S.R. Leningrad Radio (0.3) R.S.F.S.R.	Cullercoats Radio (0.5) GREAT BRITAIN	Reykjavik Radio (3.0) ICELAND Cadiz Radio <sup>5)</sup> (0.35) SPAIN Vigo Radio <sup>5)</sup> (0.5) SPAIN	Rijeka Radio (0.5) Yugoslavia (F.P.R.) Split Radio <sup>4)</sup> (1.0) Yugoslavia (F.P.R.)	Sulina Radio (0.5) ROUMANIA (P.R.) Taganrog Radio (0.1) R.S.F.S.R. Batumi Radio (1.5) U.S.S.R.
487	Mezen Radio (0.5) R.S.F.S.R.	Skamlebaek-Lyngby Radio (0.75) DENMARK Copenhagen-Lyngby Radio (0.1) DENMARK		Ponta Delgada Radio (CO/0.45) AZORES Apulia Radio (CO/1.0) AZORES Gouesnou Radio <sup>1)</sup> (5.0) FRANCE Alesund Radio (1.0) NORWAY	Genova Radio (2.0) ITALY Derna Radio (1.0) LIBYA	Kherson Radio (0.5) UKRAINE (S.S.R.) Taman Radio (0.1) R.S.F.S.R.
489		Riga Radio (1.0) LATVIA (S.S.R.)	Anvers (Ostende) Radio <sup>3)</sup> (2.0) BELGIUM	Seydisfjördur Radio (0.5) ICELAND	Ancona Radio (1.0) ITALY Cagliari Radio (1.0) ITALY <sup>6)</sup> .....Radio (1.0) PALESTINE	Varna Radio (2.0) BULGARIA (P.R.) Novorossiisk Radio (0.5) R.S.F.S.R.
500	Distress Calling and Answering	Distress Calling and Answering	Distress Calling and Answering	Distress Calling and Answering	Distress Calling and Answering	Distress Calling and Answering



<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
512	Ships	Ships	Ships	Ships	Ships	Ships
516		Leningrad Radio (5.0) R.S.F.S.R.	Jersey Harbour Ra- dio (0.05) GR. BRITAIN Guernsey Harbar Radio (0.05) GR. BRITAIN Stavanger Radio (1.0) NORWAY	Cork Radio (0.1) IRELAND Harstad Radio (1.0) NORWAY Monsanto Radio (CO/2.5) PORTUGAL Santa Maria Radio (CO/0.45) PORTUGAL (AZORES)	Kerkyra Radio (0.5) GREECE Genova Radio (2.0) ITALY Adana Radio (1.0) TURKEY	Skadovsk Radio (0.5) UKRAINE (S.S.R.) Sotshi Radio (1.0) R.S.F.S.R.
519		Kotka Radio (0.8) FINLAND Skamlebaek-Lyng- by Radio (1.0) DENMARK			Roma Radio (5.0) ITALY	Odessa Radio (5.0) UKRAINE (S.S.R.) Otchemtchiri Radio (CO/0.1) U.S.S.R.
520			Hamar Broadcas- ting Station  X) (1.0) NORWAY			
522	Vardö Radio (1.0) NORWAY	Sassnitz Radio (0.1) GERMANY (U.S.S.R. Zone) Warnemünde Radio (0.2) GERMANY (U.S.S.R. Zone) Riga Radio (1.0) LATVIA (S.S.R.)		Land's End Radio (5.0) GREAT BRITAIN Faro Radio (CO/0.75) PORTUGAL Flores Radio (CO/0.45) PORTUGAL (AZORES)	Durres Radio (0.5) ALBANIA (P.R.)	Anapa Radio (0.5) R.S.F.S.R.  Rostov Don Radio (0.5) R.S.F.S.R. Kilya Radio (0.5) UKRAINE (S.S.R.)
		X) Directional Antenna protection South.				

(MAR 219 - E)

<u>Freq.</u>	<u>Barents and White Seas</u>	<u>Baltic Sea</u>	<u>English Channel and North Sea</u>	<u>Atlantic</u>	<u>Mediterranean</u>	<u>Black Sea</u>
524		Hanko Radio(0.8) FINLAND  Vaasa Radio( . ) FINLAND  Ustka Radio(0.5) POLAND	Kristiansand Radio (CO/1.5) NORWAY	Bodø Radio (CO/1.5) NORWAY	Augusta Radio 7) (CO/5.0) ITALY  Cagliari Radio 7) (CO/5.0) ITALY  Napoli Radio 7) (CO/5.0) ITALY  Roma Radio 7) (CO/5.0) ITALY  Taranto Radio : (CO/5.0) ITALY  Venezia Radio 7) (CO/5.0) ITALY  Beyrouth Radio (2.0) LEBANON	Trabzon Radio (1.0) TURKEY  Zonguldak Radio (1.0) TURKEY

Table 2

Classified in alphabetical order of countries

Countries	Name of Station	Frequencies (kc/s)	Power (kW)
Albania (Popular Republic of)	Durres Radio	522	0.5
	Vlora Radio	476	0.2
Belgium	Anvers (Ostende) Radio <sup>3)</sup>	489	2.0
	Ostende (Anvers) Radio <sup>3)</sup>	435	2.0
Bulgaria (Popular Republic of)	Burgas Radio	421	0.5
	Varna Radio	489	2.0
Cyprus	Larnaca Radio	450	1.0
Denmark	Blaavand Radio	429	0.9
	Copenhagen-Lyngby Radio	487	0.1
	Copenhagen-Lyngby Radio (CO)	461	1.0
	Skagen Radio	464	0.35
	Skamleback-Lyngby Radio	487	0.75
	Skamlotback-Lyngby Radio	519	1.0
	Thorshavn Radio	447	1.0
Egypt	Alexandria Radio	444	2.0
	Ismailia Radio	421	0.5
Estonia (Soviet Socialist Republic of)	Tallinn Radio	450	0.5
	Tallinn Radio	461	1.0
Finland	Hanko Radio	524	0.8
	Helsinki Radio	438	1.0
	Kemi Radio	474	0.5
	Kotka Radio	519	0.8
	Mariehamn Radio	438	1.0
	Vaasa Radio	524	1.0

Table 2

Countries	Name of Station	Frequencies (kc/s)	Power (kW)
France	Agde Radio	421	5.0
	Alger Radio	416	1.0
	Bayonne Radio	447	0.1
	Bordeaux-Port Radio	461	1.0
	Boulogne-sur-Mer Radio	450	1.0
	Calais Radio	429	0.1
	Cherbourg-Rouges Terres Radio	458	0.5
	Dieppe Radio	429	0.1
	Dunkerque-Port Radio	472	0.15
	Gouesnou Radio 1)	487	5.0
	Gouesnou Radio 1)	416	1.0
	Havre-Port Radio (1e)	472	0.2
	Lorient Radio	444	1.0
	Marseille Radio	432	1.0
	Oran-Ain-el-Turk Radio	434	0.5
	Rouen-Port Radio	419.5	0.2
	St. Nazaire Radio	432	1.0
	Toulon la Crau Radio	458	2.0
Germany (British Zone)	Elbe-Weser Radio	474	0.3
	Kiel Radio	474	0.3
	Norddeich Radio	444	1.0
Germany (U.S.S.R. Zone)	Ruegen Radio	432	1.0
	Sassnitz Radio	522	0.1
	Warnemunde Radio	522	0.2
Gibraltar	Gibraltar Radio	464	5.0
Great Britain	Burnham-on-Sea Radio	476	1.0
	Cullercoats Radio	484	0.5
	Folkestone Harbour Radio	429	0.25
	Guernsey Harbour Radio	516	0.05
	Humber Radio	441	0.5
	Jersey Harbour Radio	516	0.05
	Land's End Radio	438	5.0
	Land's End Radio	522	5.0
	Mallaig Radio	464	0.35
	Newhaven (Sussex) Radio	429	0.25
	Niton Radio	464	0.5
	North Foreland Radio	418	0.5
	Parkstone Quay Radio	429	0.5
	Portpatrick Radio	472	0.5
	Seaforth Radio	447	0.5
	Stonehaven Radio	458	0.5
	Wick Radio	432	1.2
Greece	Athinai Radio	418	1.5
	Athinai Radio	464	0.2
	Corinth Radio	421	0.2
	Kerkyra Radio	516	0.5
	Rhodes Radio	432	0.5

Table 2

Countries	Name of Station	Frequencies (kc/s)	Power (kW)
Iceland	Isafjördur Radio	472	0.1
	Reykjavik Radio	484	3.0
	Seydisfjördur Radio	489	0.5
	Siglufjördur Radio	418	0.1
	Vestmannaeyjar Radio	418	0.1
Ireland	Cork Radio	516	0.1
	Malin Head Radio	421	0.5
	Valentia Radio	429	1.0
Italy	Ancona Radio	489	1.0
	Augusta Radio	429	1.0
	Augusta Radio (CO) 7)	524	5.0
	Brindisi Radio	432	1.0
	Cagliari Radio	472	0.5
	Cagliari Radio	489	1.0
	Cagliari Radio (CO) 7)	524	5.0
	Genova Radio	487	2.0
	Genova Radio	516	2.0
	Maddalena Radio (La)	444	0.5
	Maddalena Radio (La)	472	1.0
	Napoli Radio	435	1.0
	Napoli Radio (CO) 7)	524	5.0
	Roma Radio	519	5.0
	Roma Radio (CO) 7)	524	5.0
	Spezia Radio (La)	464	1.0
	Taranto Radio	472	1.0
	Taranto Radio (CO) 7)	524	5.0
	Trapani Radio	450	1.0
	Venezia Radio	429	1.0
	Venezia Radio (CO) 7)	524	5.0
Latvia (Soviet Socialist Republic of)	Libava Radio	441	0.5
	Libava Radio	476	0.5
	Riga Radio	489	1.0
	Riga Radio	522	1.0
	Vindava Radio	429	0.5
Lebanon	Tripoli Liban Radio	461	0.5
	Beyrouth Radio	524	2.0



Table 2

Countries	Name of Stations	Frequencies (kc/s)	Power (kW)
Libya	Bengasi Radio	435	1.0
	Derna Radio	487	1.0
	Tobrukh Radio	474	1.0
	Tripoli Radio	476	1.0
Lithuania (Soviet Socialist Republic of)	Klaipeda Radio	464	0.25
Malta	Malta Radio	461	3.0
Morocco	Agadir Radio	461	2.0
	Casablanca Maroc Radio	441	2.0
	Tanger Radio	447	2.0
Netherlands	Scheveningen Radio	421	2.0
	Scheveningen Radio	461	2.0
Norway	Alesund Radio	487	1.0
	Bergen Norge Radio	416	2.0
	Bodö Radio (CO)	524	1.5
	Farsund Radio	476	1.0
	Hammerfest Radio	438	1.0
	Harstad Radio	516	1.0
	Kristiansand Radio (CO)	524	1.5
	Rörvik Radio	441	1.0
	Stavanger Radio	516	1.0
	Tjöne Radio	438	1.0
	Tromsö Radio	444	1.0
	Vardö Radio	522	1.0
Palestine	..... Radio <sup>6)</sup>	489	1.0
Poland (Republic of)	Darlowo Radio	447	0.5
	Gdansk Radio	435	1.0
	Gdynia Radio	421 <sup>2)</sup>	1.0
	Gdynia Radio	458	2.0
	Kolobrzeg Radio	435	0.5
	Swinoujscia Radio	435 <sup>2)</sup>	2.0
	Swinoujscia Radio	447	1.0
	Szcsecin Radio	458	1.0
	Tolkmicko Radio	444	0.25
	Ustka Radio	524	0.5

Table 2

Countries	Name of stations	Frequencies (kc/s)	Power (kW)
Portugal	Apulia Radio (CO)	418	1.0
	Apulia Radio (CO)	487	1.0
	Boa Nova Radio (CO)	418	0.35
	BoadNova Radio (CO)	450	0.35
	Cascais Radio (CO)	418	0.35
	Cascais Radio (CO)	475	0.35
	Faro Radio (CO)	418	0.75
	Faro Radio (CO)	522	0.75
	Lisboa Radio	435	3.0
	Monsanto Radio (CO)	418	2.5
	Monsanto Radio (CO)	516	2.5
	Montigo Radio (CO)	418	1.0
	Montigo Radio (CO)	458	1.0
	Sagres Radio (CO)	418	0.35
	Sagres Radio (CO)	450	0.35
Portugal (Azores)	Flores Radio (CO)	418	0.45
	Flores Radio (CO)	522	0.45
	Horta Radio (CO)	418	2.0
	Horta Radio (CO)	458	2.0
	Ponta Delgada Radio	421	0.5
	Ponta Delgada Radio (CO)	418	0.45
	Ponta delgada Radio (CO)	487	0.45
	Santa Maria Radio (CO)	418	0.45
	Santa Maria Radio (CO)	516	0.45
Portugal (Madeira)	Funchal Radio (CO)	418	0.35
	Funchal Radio (CO)	450	0.35
	Madeira Radio	444	0.5
Roumanian (Popular Republic)	Constanta Radio	461	2.0
	Sulina Radio	484	0.5

Table 2

Countries	Name of Stations	Frequencies (kc/s)	Power (kW)
Russia (Soviet Federal Socialist Republic) (R.S.F.S.R.)	Adler Radio (CO)	447	0.07
	Akthari Radio (CO)	461	0.5
	Anapa Radio	522	0.5
	Arkhangelsk Radio	416	1.0
	Arkhangelsk Radio	476	5.0
	Belomorsk Radio	461	1.25
	Bokovo Radio	458	0.005
	Eisk Radio	450	0.5
	Evpatoria Radio	421	0.25
	Feodosia Radio	435	0.5
	Kaliningrad Radio	472	1.0
	Kaliningrad Radio	484	0.5
	Kandalakcha Radio	447	0.12
	Kem Radio	450	0.1
	Kertch Radio	458	1.0
	Kertch Radio	476	0.005
	Kertch Radio (CO)	416	0.5
	Khodovarikha Radio (CO)	444	0.1
	Leningrad Radio	484	0.3
	Leningrad Radio	516	5.0
	Mezen Radio	487	0.5
	Murmansk Radio	458	1.0
	Murmansk Radio	472	0.3
	Novorossiisk Radio	429	0.5
	Novorossiisk Radio	489	0.5
	Onega Radio	441	0.25
	Rostov on Don Radio	464	0.25
	Rostov on Don Radio	522	0.5
	Sochi Radio	516	1.0
	Taganrog Radio	441	0.1
	Taganrog Radio	484	0.1
	Taman Radio	487	0.1
	Temruk Radio	438	0.25
	Tuapse Radio	435	0.07
	Tuapse Radio	472	0.3
	Yalta Radio	464	0.3
Spain	Cabo de Palos Radio 5)	476	0.5
	Cabo Finistere Radio 5)		
	(Vigo Radio)	484	0.5
	Cabo Mayer Radio 5)	441	0.5
	Cadiz Radio 5)	484	0.35
	Coruna Radio 5)	472	0.35
	Soller Radio 5)	450	0.5
	(Palma de Mallorca Radio)		
Sweden	Boden Radio	464	1.0
	Göteborg Radio	450	1.0
	Härnösand Radio	464	1.0
	Karlskrena Radio	416	1.0
	Stavsnäs Radio	416	1.0
	Tingstäde Radio	418	1.0
Trieste (Anglo-American Zone)	Trieste Radio	474	0.4

Table 2

Countries	Name of Stations	Frequencies (kc/s)	Power (kW)
Tunisia	Bizerte Radio	441	0.5
Turkey	Adana Radio	516	1.0
	Izmir Radio	458	2.0
	Istanbul Radio	416	6.8
	Istanbul Radio	441	5.0
	Samsun Radio	416	2.0
	Trabzen Radio	524	1.0
	Zonguldak Radio	524	1.0
Ukraine (Soviet Socialist Republic of)	Genitchesk Radio	432	0.05
	Ismail Radio	432	1.0
	Kherson Radio	487	0.5
	Khorby Radio (CO)	444	0.5
	Kilya Radio	522	0.5
	Marinpol Radio	444	0.5
	Nikolaev Radio	438	0.3
	Nikolaev Radio (CO)	418	1.0
	Odessa Radio	447	0.75
	Odessa Radio	416	0.5
	Odessa Radio	519	5.0
	Osipenko Radio	418	0.5
	Otchakov Radio (CO)	429	0.5
	Skadovsk Radio	516	0.5
Union of Soviet Socialist Republics (U.S.S.R.)	Batumi Radio	472	0.07
	Batumi Radio	484	1.5
	Cagry Radio	461	0.07
	Otchemtchiri (CO)	519	0.1
	Poti Radio	421	0.5
	Sukhumi Radio	450	0.5
	Viborg Radio	444	0.5
Yougoslavia (Federal People's Republic of)	Dubrovnik Radio	447	0.12
	Rijeka Radio	438 4)	0.5
	Rijeka Radio	484	0.5
	Split Radio	438	1.0
	Split Radio	484 4)	1.0

(D.5)

Maritime  
Regional Radio Conference  
København, 1948

MAR Document No. 220-E  
September 16, 1948

Submitted in: French

R E P O R T  
of Committee 5 (Drafting).

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5th Meeting  
16 September 1948

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The Meeting was opened at 10 a.m.

The Committee proceeded to the revision of the text on Recommendations, taking into account the alterations decided upon by the Plenary Assembly in its evening Meeting of 15 September 1948.

The text appears in Document MAR no. 217 (pink series).

The Meeting rose at 11 a.m.

J.M. Biansan,  
Chairman

(Tr42/r4/D34)

M I N U T E S  
of the Plenary Assembly  
-----  
5th Meeting  
15 September 1948  
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1. The Meeting opened at 10.15 a.m. with Mr. Holmblad in the Chair.
2. The Chairman observed that few persons attended the Meeting and ascribed this to the fact that the work had lasted unusually long the evening before. He nonetheless suggested going on with the work and passed on to the Agenda which called for the second reading of the Convention and the first reading of the Preamble to the Plan.
3. As the Plan was not yet printed, the Chairman deemed it preferable to begin with the first reading of the Preamble (Doc. MAR 205) and he requested the Secretary in Chief to be so kind as to read it.
4. The Delegate of Albania stated that, for the reasons given at the last two Plenary Assemblies, he was unable to take part in the discussions on the second reading of the Convention. He was, however, ready to participate in the discussion on the Preamble to the Plan and on the Plan itself.
5. The Delegate of the U.S.S.R. agreed to participate in the discussion on the Preamble to the Plan, but as regards the wording of the Variant, he referred to what he had said previously concerning the Convention.
6. The Delegate of the Ukraine shared the opinion of the U.S.S.R. Delegate as regards the Convention. He would abstain from participating in the discussion concerning it but was willing to take part in the discussions regarding the Preamble to the Plan.
7. The Chairman believed that this point of view had already been adopted by other Delegations at the preceding Meeting, in particular by the Delegations of Albania P.R., Bielorussia S.S.R., the Roumanian P.R. and Bulgaria P.R. He proposed mentioning the names of these countries as agreeing in opinion with the U.S.S.R. Delegation.
8. The Secretary in Chief began the reading of MAR Document 205.



9. Article I - Definitions

10. The Delegate of France proposed adding to the title, after the words "Copenhagen Plan", the words: "for the distribution of frequencies between the coast stations of the European Maritime Area." These being the words printed on the cover of Document 210, it would render the text similar to that of the Broadcasting Conference.

11. This proposal was adopted.

12. The Delegate of the United Kingdom had two remarks to make with regard to the English text:

Para 2 (1), should read "..... Service of Copenhagen (1948)  
Para 2 (5), should read "..... as defined in Article I  
(Number 61) of .....".

13. Article 2 - Use of Frequencies

14. The Chairman pointed out certain differences in the arrangement of the references in the English and French texts. He proposed arranging the English text like the French one.

15. The Delegate of the United Kingdom drew attention to the use of the words "allocate and allocation" which he suggested replacing by "assign and assignment".

16. The Chairman remarked that, in the documents of Atlantic City, the word "attribution" was always used in French and "allocation" in English when referring to services. He thought that, in the present case, "allocation" should be used for the bands (in French "attribution") and "assignment" for the stations (in French "assignation"). This would be rectified in the final texts.

17. The Delegate of the U.S.S.R. drew attention to Art. 2 para 1 and remarked that the figures referring to the bands should read "415-490 kc/s and 510-525 kc/s".

18. The Delegate of the United Kingdom thought that 515-525 kc/s must have been an error, as, according to Atlantic City, the band in question was indeed 510-525 kc/s. The error arose probably from the fact that the first channel for coast stations, coming directly after ships, was 516 kc/s.

19. The Chairman thought that, even if the first frequency was 516 kc/s, it was preferable to indicate the entire band.

20. There being no other observations, the text was approved with this amendment.

21. The Chairman then stated that there were two versions for Article 2, para 3 (3) and he asked for explanations.

22. The Delegate of the U.S.S.R. was at a loss to understand why there were two versions. He had understood that it had been agreed that the former one only should be retained. In the second version, there were two more frequencies, 419.5 kc/s and 474 kc/s, both in derogation. They should be used with great caution as there was much interference. The U.S.S.R. Delegation suggested deleting the second version and retaining the first with an appended note stipulating that the assignments of frequencies 419.5 kc/s and 474 kc/s to certain stations in the Plan could in no event be considered as a precedent of which other stations might take advantage.

23. The Chairman was of opinion that, according to the Plan, these two frequencies were used and should therefore be mentioned in the text, otherwise, the Plan would not be in conformity with sub-paragraph (3). He proposed stating that these frequencies were used exceptionally and not as normal frequencies.

24. The Delegate of the United Kingdom did not quite subscribe to the proposed amendment. It had been decided in the Working Group that there should be 22 channels in the band of 415-490 kc/s. These 20 channels had been provided, including channel 474 kc/s. It had been stated that the 475 kc/s band should not be assigned to the U.S.S.R. In the Plan, 5 stations had been placed on the 474 kc/s frequency.

25. It was a fact that frequency 419.5 kc/s had been exceptionally assigned to a station. The station in question already operated on this frequency and, in view of its position, it gave rise to no difficulty.

26. The Delegate of the United Kingdom suggested mentioning in version B that the 419.5 kc/s frequency was assigned exceptionally. He insisted on frequency 474 kc/s being included in the list as it had been assigned to five stations.

27. The Chairman deprecated such discussions in a Plenary Assembly. He noted that there were now three versions but he considered the 3rd as a compromise between the 1st and the 2nd.

28. He proposed putting a stop to the discussion and including 419.5 and 474 kc/s.

29. The Delegate of the U.S.S.R. reverted to his proposal to the effect that the first version should be retained in the case of sub-paragraph (3) with the addition of a note stating that the frequencies 419.5 and 474 kc/s were exceptionally assigned, but that their assignment could not in any event be considered as a precedent for the use of these frequencies by other coast stations.

30. The Delegate of the United Kingdom disagreed.

31. The Chairman thought it impossible to discuss this question in the absence of a text. There were, in his opinion, only two possible solutions: either the question should be referred to the Committee or a decision should be reached on a written text. If any of the Delegates had any amendments to suggest, they should do so in writing. The present Assembly could take decisions only on versions A and B. If a third version was proposed, it should be submitted in writing.

32. The Delegate of Yugoslavia pointed out that an agreement had already been reached as regards the exceptional character of the assignment of the two frequencies 419.5 and 474 kc/s. This being an established fact, it became impossible to amend one of the two versions. The distance between the adjacent channels being 2 kc/s in the case of the 474 kc/s frequency, the assignment of this frequency could cause harmful interference to other stations if new coast stations were to use it. It was therefore necessary that the Plan should insist upon the exceptional character of the assignment of the 474 kc/s frequency to the 5 coast stations in question.

33. The Delegate of the Netherlands was convinced that a solution would be found at one of the later Maritime Conferences, but in order to curtail the discussion, he suggested adopting Version B which was in conformity with the statement of the Plan.

34. The Delegate of the United Kingdom supported the Netherlands Delegate's proposal and suggested adopting the following compromise solution: add to Version A the words "Exceptionally, the frequencies 419.5 and 474 kc/s are assigned to the following stations."

35. The Chairman thought this proposal should meet with unanimous approval and he suggested adopting Version A with the addition of a statement to the effect that frequencies 419.5 and 474 kc/s were assigned exceptionally.

36. The Delegate of the U.S.S.R. remarked that there must be a slight misunderstanding which he ascribed to the translation. The United Kingdom Delegate had not objected in principle to the second part of his remark stipulating that "this assignment could not be considered as a precedent for the use of these frequencies by other coast stations."

37. Supposing the divergence to have its source in the second part of his remark, he (the U.S.S.R. Delegate) proposed to compromise by approving the first part of his remark stipulating that "the frequencies 419.5 and 474 kc/s were exceptionally assigned to the following stations :....." (names of stations). The remark would end here.

38. The Delegate of the United Kingdom would agree but considered it pointless to mention the names of the five stations, as they were already listed in the Plan.

39. The Chairman then enquired whether the U.S.S.R. Delegate insisted upon having the names of the five stations mentioned in the addendum. In his opinion, this was superfluous.

40. The Delegate of the U.S.S.R. insisted upon these names being mentioned.

41. The Chairman agreed and proposed retaining the text of Version A such as it was given in the document and adding the words: "the frequencies 419.5 and 474 kc/s are exceptionally assigned to the following stations: ..... (names of stations and of frequencies)".

42. There being no objections, Version A was adopted with the proposed amendment.

43. The Chairman observed that the French text used the word "voie".

44. The Delegate of France accepted the text in its amended form, but thought it would be easier to substitute the word "fréquence" for "voie".

45. After a brief exchange of views, it was agreed that the word "fréquence" should be substituted for the word "voie" wherever it occurred in para 3.

46. Article 3 - Power

47. The Delegate of the United Kingdom pointed out that in para 1, the sentence was in the plural in the English text and he requested it to be put in the singular as in the French text. He also desired to ask the Drafting Committee whether they considered that this paragraph in its present form debarred the increase in power authorised in Article 10.

48. With regard to para 2, the Delegate of the United Kingdom suggested deleting the last part of the sentence, i.e. the words: "especially as regards those stations which have a power of more than 0,5 kW, except in case of necessity," for he was under the impression that no agreement to that effect had been reached by Committee 4.

49. He then slightly amended his proposal by agreeing that the words "except in case of necessity" should be retained.

50. The Delegate of France considered that the United Kingdom Delegate's first remark with regard to para 1 was justified as the text could, in fact, be interpreted to mean that any increase in power was prohibited although, by virtue of Article 10 of the Convention, such increases were possible. In order to avoid difficulties, he would suggest adding the following words to para 1: "under the provisions of Article 10 of the Convention".

51. As to the United Kingdom Delegate's second remark, he, in his capacity as Delegate and not as Chairman of the Drafting Committee, felt that the part of the sentence quoted by Mr. Billington was not quite indispensable. He would, however, accept the decision of the Committee with regard to this matter.

52. The Chairman then inquired whether the Delegates agreed to the proposed addition of the following sentence to para 1: "Under the provisions of Article 10 of the Convention."

53. The Delegate of the U.S.S.R. was rather astonished at such a discussion arising, since nobody had made any objection with regard to this matter in Committee 4. Everyone had, on the contrary, emphasised the importance of this Article which guaranteed the normal operation of stations against harmful interference. There were few stations the power of which exceeded 0.5 kW and the recommendation in its present form in the text aimed at reducing interferences. As to Article 10 of the Convention, it contained no stipulation with regard to interferences.

54. The Delegate of France drew attention to the fact that the first paragraph of Article 10 provided for a modification of power. He thought this Article should be referred to in order to avoid difficulties, it being understood that, should a change in the power of stations prove necessary, it could only be effected in conformity with the procedure described in Article 10, i.e. after previous agreement with the administrations directly concerned and later consultation with all the other European administrations. He (the French Delegate) also believed that the proposed addition could be accepted and that it did not conflict with Article 10.

55. The Chairman deplored the fact that the first reading of the document should have given occasion to such a discussion. He considered it superfluous to specify, every time modifications proved necessary, that they would be made in conformity with the provisions of the Convention.

56. The Delegate of France shared this view. The Convention was applicable and the present discussion would be recorded in the Minutes of the Meeting and could be referred to, should divergences occur, to illustrate the spirit which had actuated the Assembly. He would not press his own proposal which the remark of the United Kingdom Delegate had induced him to make.

57. The Chairman consequently declared that para 1 would be retained in the wording in which it appeared in the French document and that the sentence would be put in the singular in the English text. As regards para 2, the United Kingdom Delegate had suggested deleting the following words: "especially as regards the stations which have a power of more than 0.5 kW."

58. The Delegate of the Roumanian P.R. pointed out that the sentence preceding the notes in question was originally an obligation which had become a recommendation. Its purport was that the stations whose power exceeded 0.5 kW would be under<sup>an</sup> obligation to reduce their power during the hours of darkness. In order to make a compromise, it had been converted into a recommendation. He (the Roumanian Delegate) nonetheless objected to the deletion of the words "especially as regards the stations which have a power of more than 0.5 kW."

59. The Chairman specified that they were dealing with a recommendation and not with an obligation and he asked the Delegates to say whether they agreed to this text, in order that they might proceed with their work. There being no objections, the text remained as it was.

60. Article 4 - Type of Emission

No remarks. Adopted.

61. Article 5 - Interference caused by stations operating in derogation

62. The Delegate of France suggested deleting "mobile" the last word in the French text. It had no equivalent in the English text and was quite useless.

63. The Chairman agreed. He wished to know the Delegates' views with regard to Variants A, B, and C of para 2.

64. The Delegate of the U.S.S.R. expressed a preference for Variant C, the text of which was more realistic. In the Baltic Sea Area, three broadcasting stations operated in the maritime band. If the Plan was to meet the requirements of the maritime services, reservations should be made in order to ensure protection for maritime services. Variant C comprised the various points discussed in the Joint Committee. Sweden alone was not in favour of the standards of Variant C, although she did not reject them either.

65. The Chairman was aware of the fact that the Maritime Conference unanimously desired as adequate a protection as possible to be ensured against broadcasting. A protection of 20 db was considered desirable, but it appeared difficult to adopt Variant C, since the Broadcasting Conference, which alone was empowered to take decisions in this sphere, had itself determined and approved the broadcasting stations in derogation and the powers which they were to be assigned. This state of things could consequently not be altered. The Chairman asked the U.S.S.R. Delegate what kind of measures he contemplated resorting to in the event of interferences exceeding 20 db.

66. The U.S.S.R. Delegate referred to para 3 which provided a definite reply to the Chairman's inquiry.

67. The Chairman thought para 3 did not apply to interferences with a prescribed 20 db protection. The wording of para 2 in Variant C did not appear to him acceptable as it stipulated methods of operation for broadcasting stations. It was impossible for the Maritime Conference to provide instructions as to the working of broadcasting stations.

68. The Delegate of the Netherlands agreed with the Chairman. The Broadcasting Conference had disposed of the question of broadcasting stations in derogation. It had laid down the conditions thereof. It was, he thought, inexpedient for the Maritime Conference to prescribe the obligations incumbent on broadcasting stations and, consequently, Variants B and C should not be given in the Convention.

69. As regards Variant A, he found it superfluous to stipulate that broadcasting stations would have to operate in conformity with the provisions of the Radio Regulations and he proposed that this Variant should be deleted.

70. The Delegate of the United Kingdom supported without reservation the statement of the Netherlands Delegate.

71. The Delegate of the U.S.S.R. said he understood the statement of the Netherlands and United Kingdom Delegates. However, he was convinced that their views would be different if the broadcasting stations whose case they were discussing, were all operating in derogation at the moment. They could be considered as visitors in the maritime bands and they were not always pleasant visitors. The contrary was not the case. It was for the Conference, as master of the situation, to lay down rules for the visitors to obey. This was stipulated in para 2 of Variant C. The broadcasting stations might not cause harmful interference in the maritime services. The Joint Committee had furthermore decided that the level of such interferences should be regulated by the Maritime Conference when they concerned stations operating in the maritime bands. He (the U.S.S.R. Delegate) therefore insisted upon this being mentioned in Variant C.

72. The Chairman, though fully aware of the importance of the question, failed to see how the Convention could be signed with Variant C without being able to make formal reservations. If the same Delegations were to sign the Plan and the Convention they could not be expected to sign two contradictory documents. Therefore, it was impossible to sign a Maritime Convention which contradicted the stipulations of the Broadcasting Convention.

73. The Delegate of the Netherlands quite understood the misgivings of the U.S.S.R. Delegate with regard to the harmful interferences which might arise in the stations of Maritime Services, but he wanted to direct attention to para 1 - already approved - and stating that the broadcasting stations should not cause harmful interference. He maintained that none of the three Variants should be included in the text. However, in order not to hamper the progress of the work, he proposed to come to a decision and to adopt one of the three Variants.

74. The Chairman also thought it was time to reach a decision and proposed to pass on to the vote on the proposal of the Netherlands Delegate, as supported by the United Kingdom Delegate, to the effect that the three Variants A, B and C should be deleted from para 2.



75. The Delegate of Yugoslavia had a few preliminary remarks to make. A distinction should be drawn between the stations operating in the broadcasting band and the broadcasting stations operating in derogation. The latter should be subject to special provisions enabling them to work in derogation. He recalled that Doc. 166 contained a Recommendation No. 2 to the effect that the next international Radiocommunication Conference should remove the broadcasting stations in derogation in the bands of maritime mobile services. This recommendation had been formulated because the stations working in derogation were known to cause harmful interference to coast stations. This was proof positive that provision should be made to regulate the interference for the stations in question.

76. He (The Delegate of Yugoslavia) considered that Variant C met the requirements. Without its specified stipulations, it was impossible to limit interferences in relation to coast stations. The Yugoslav Delegation consequently insisted on this Variant being adopted.

77. The Chairman wanted to put a stop to the discussion which had, in his opinion been exhaustive and he proposed putting the question to the vote.

78. The Delegates in favour of the proposal of the United Kingdom, supported by the Netherlands Delegate, to the effect that para 2 should be completely deleted would answer "yes". Those who were opposed to the deletion and wished para 2 to be retained would answer "no".

79. The Secretary-in-Chief then called the roll.

80. The results of the vote were the following: 11 Delegations, were for the deletion of para 2: Belgium, Denmark, Greece, Ireland, Iceland, Italy, Monaco, Norway, the Netherlands, the United Kingdom, Sweden;

10 Delegations were against the deletion of para 2: Albania (P.R.) Bielorussia (S.S.R.), Bulgaria (P.R.), Hungary, Poland, Yugoslavia (F.P.R.) The Ukraine (S.S.R.), the Roumanian P.R., Czechoslovakia, the U.S.S.R.;

Abstentions: 2: France, Morocco and Tunisia.

Absent: Egypt, Finland, Portugal, Switzerland, Turkey.

81. Para 2 would consequently be deleted.

82. The Delegate of the U.S.S.R. deemed it his duty to make the following statment after the vote. In a question of vital importance for a large number of countries, the vote of one country not concerned with the question had tipped the scales and settled a serious problem concerning interference and the Plan. To the Soviet Delegation, this way of proceeding and the resulting situation appeared abnormal.

83. The Chairman said that this statement would be included in the minutes and he passed on to the reading of para 3 Article 5.

84. The Delegate of France remarked that, owing to the deletion of para 2, the words "de plus" in the French text and "moreover" in the English text should be deleted. He also suggested adding the words "at the time of signing the Convention". Para 3 would then be worded as follows: "If interference unforeseen at the time of signing the Convention should occur, etc....."

85. The Delegate of the U.S.S.R. considered that the word "unforeseen" should be deleted in para 3. The paragraph would then have a more general meaning and would become para 2. Since no previous explanation had been given, the deletion of para 2 had rendered this word absolutely meaningless. It was therefore necessary to discard it.

86. The Delegate of Poland shared the opinion of the Delegate of the U.S.S.R. which he found quite logical.

87. The Chairman asked if the Assembly agreed to delete the words "unforeseen at the time of signing the Convention."

88. The Delegate of Sweden pointed out that the paragraph had been worded according to the Directives of Atlantic City, page 327. He therefore thought it appropriate to refer to this para 7 of page 327 of the Atlantic City Regulations.

89. The Chairman asked whether the Delegate of the U.S.S.R. wished to insist on deleting the part of the sentence he had just mentioned, as this sentence was based upon the text of the Directives annexed to the Additional Protocol of Atlantic City. He could not continue the discussion because it was already past 1. p.m. Should the Delegate of the U.S.S.R. insist, he would have to put the question to the vote.

90. The Delegate of the U.S.S.R. replied that the Protocol of Atlantic City mentioned unforeseen interference. He had attempted to determine such interference but the deletion of para 2 had resulted in this proposal being rejected by a majority of one vote. It was therefore impossible to know which interference was meant, as the Protocol of Atlantic City stated that broadcasting stations could operate when no interference was caused. For these reasons he (the Delegate of the U.S.S.R.) maintained his proposal to delete the word "unforeseen".

91. The Chairman then took the vote and asked that those who supported the U.S.S.R. Delegate's proposal to delete the word "unforeseen" should reply "yes" and those who were against the proposal and who wished to maintain the text as it stood, should reply "no".

92. The Secretary-in-Chief then called the roll:

93. Result of the Voting: 12 Delegations were in favour of the aforementioned deletion: Albania (P.R.), Belgium, Bielorussia (S.S.R.), Bulgaria (P.R.), Hungary, the Netherlands, Poland, Yugoslavia (F.P.R.), The Ukraine (S.S.R.), the Roumanian P.R., Czechoslovakia, U.S.S.R.

11 Delegations were against the deletion: Denmark, France, Greece, Ireland, Iceland, Italy, Monaco, Norway, Morocco and Tunisia, The United Kingdom, Sweden;

Absent: 5: Egypt, Finland, Portugal, Switzerland, Turkey.

94. The word "unforeseen" would consequently be deleted.

(D.16)

95. The Delegate of Sweden made the following statement which he requested to be inserted in the minutes:

96. "Paragraph 2 of Article 5 of the Preamble to the Copenhagen Maritime Plan - a misleading derivate from paragraph 7 of the Document Annexed to the Additional Protocol of the Atlantic City Radio Conference (page 327) - should be altered in conformity with the said paragraph of the Atlantic City Document.

97. "The Maritime Conference has no right to give any rules for the Broadcasting derogations (see paragraph 138, Atlantic City Radio Regulations)".

98. The Chairman wanted to postpone the 2nd reading of the texts until the next day. There still remained the reading of the Convention and of the Plan.

99. The Delegate of the United Kingdom wished to draw attention to the fact that Document 211, Section II of the Preamble for which there should have been a first reading, had been omitted. As there was very little time left for reading that document, it would be advisable to convene a meeting in the afternoon and a meeting of Committees 2 and 3 in the evening.

100. The Delegate of the U.S.S.R. observed that, as far as Committee 3 was concerned, most of the Minutes were already approved, with the exception of two not yet translated into the three languages. Furthermore, he was of the opinion of the Chairman, that observations should be made in writing and submitted to the Secretariat.

101. The Chairman thought it would not be necessary to convene Committee 3.

102. The Delegate of Poland requested Committee 2 to be convened if possible that afternoon or evening.

103. The Chairman was of the opinion that it would be more advisable to postpone the Plenary Meeting till the evening and to convene Committee 2 in the afternoon. He did not believe the Conference could be concluded before the end of the week.

104. The Chairman proposed to read the text of Section II - Table for the Distribution of Frequencies. He hoped it would be possible to approve this text and to send it to the printers.

105. The Delegate of the U.S.S.R. was in entire agreement with this proposal. The Plenary Assembly to be convened in the evening would therefore begin by examining the recommendations and then read the Plan.

106. The Chairman agreed. He had intended to have the Plan read immediately after the recommendations. Everything depended, of course, on the turn the discussions would take. Should they proceed normally, there would be no difficulties, but if new questions were raised, the reading of the Plan would not take place that evening.

107. Furthermore, he believed that, as document 211 had not yet been printed in Russian and as it contained only general observations on the Plan, it might be printed again for the second reading.

(D.16)

108. The Delegate of the U.S.S.R. requested the interpreter to have the kindness to translate the text into Russian.

109. On the completion of the translation, the Delegate of the U.S.S.R. said he saw no objection to the Document being printed for second reading.

110. The Delegate of France then asked the Delegates of the United Kingdom and of the U.S.S.R. to help in the final stages of the preparation of the texts. This proposal was Accepted.

111. It was decided that the Meeting of Committee 2 would be held at 4 p.m.

112. The Meeting was temporarily adjourned at 2. p.m.

113. The Meeting resumed at 8.25 p.m. for the first reading of the Recommendations (Doc. MAR 205) and of the Plan (Doc. MAR 210).

114. Recommendation No. 1.

115. The Delegate of France proposed the addition of the words: "or on frequencies in their neighbourhood" at the end of the text.

116. The request for the addition, which had received the approval of Committee 4, was seconded by the Delegate of the United Kingdom. It was indeed obvious that the harmonics of a broadcasting station could cause interference even if it were a few kc/s removed from a distress frequency.

117. Nevertheless, as the Delegate of the U.S.S.R. deemed that the proposed addition lacked precision, it was decided to retain the original text.

118. Recommendation No. 2.

119. To the Delegate of the Netherlands this recommendation appeared analogous to the one adopted by the Broadcasting Conference on the same subject; the identical text could apply to both cases. Nevertheless, the Delegate of the U.S.S.R. thought, as did the Chairman, that it would be preferable to leave the proposed text unchanged.

120. Recommendation No. 3.

121. On an observation of the Delegate of the Netherlands, the meeting decided upon the deletion of the last paragraph: "and requests the Administrative Council etc....."

122. It was understood that the Chairman of the Conference and the Secretary-General of the Union would draw the attention of the C.C.I.R. to the question.

123. Recommendation No. 4.

124. As above, delete the last paragraph and replace "Governments" by "Administrations."

125. After (c) the text should, therefore, read: "recommends the Administrations concerned and the C.C.I.R....."

126. Recommendation No. 5.

127. The Meeting decided to adopt the same wording as above:  
"Recommendation No. 5 to the Administrations and to the C.C.I.R....."

128. The Delegate of France seconded by the Delegate of the Netherlands, observed that the C.C.I.R. was best qualified to supply the precise numerical data required.

129. The Chairman however preferred for practical reasons, that the Administrations be mentioned. The C.C.I.R. met only every two years; in the intervals, the Administrations could make known the results of their studies.

130. Recommendation No. 6. Adopted.

131. Recommendation (no number) page 33 of Doc. MAR 205.

It was stipulated that this Recommendation, which would be No. 7 should be specially brought to the knowledge of all the Administrations so that the Administrations of Extra-European countries might give it special consideration. It would not, however, be excluded from the printed brochure.

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132. The Assembly proceeded to the first reading of Document MAR 210 (Frequency Allocation Plan.)

133. The Notes on page 35 were adopted without modification.

134. The Chairman then proposed that the document be considered page by page as a complete reading would be inordinately long. He assumed that all Delegates had studied with great care the frequencies allocated to stations of their countries and that they were therefore in a position to hand in a note repeating their observations, before noon the following day.

135. Page 36. After a few observations of a typographical nature or concerning drafting, the Delegate of the U.S.S.R. drew the attention of the Assembly to the names of countries to be included, e.g. for the frequency of 419 kc/s, five stations appear under the heading "Azores."

He thought that only the names of sovereign countries should be indicated and consequently that "Azores" should be placed by "Portugal" or at least by "Azores (Portugal)" or by "Portugal (Azores)"

136. The Delegate of France thought that proposal acceptable, but pointed out the risk of its giving rise to difficulties, in the case of Libya, for example.

137. The Delegate of the United Kingdom considered it impracticable to have the names of Gibraltar, Cyprus and Malta followed by "United Kingdom" even though he signed for those countries.

138. The Chairman thought, however, that the name of the sovereign country on which the station depended should be mentioned wherever possible. It was then decided that every case in point should be referred to the Drafting Committee.

139. Page 37. The Delegate of Poland (R) observed that in the case of the Swedish broadcasting station of Ostersund (420 kc/s), no mention was made either of the existence of a directional aerial, or of the power. It was decided that the same indications would be given for that station as appeared in the Broadcasting Plan. The same procedure would apply to the station of Oulu (page 38) (433 kc/s). (Tr.5/R7/16)

140. Pages 39 and 40 gave rise to no objection.

141. Page 41. Elbe-Weser Radio Station.

The Delegate of the United Kingdom made the following statement as regards this station situated in the British Zone of occupation. The Chairman requested him to communicate it to the Assembly, for its information as it would have to be discussed in the final Plenary Assembly. The text of the statement was not final:

142. "The Delegation of the United Kingdom of Great Britain and Northern Ireland states that, in its opinion, the frequencies allocated to the German coast stations are not sufficient to ensure a satisfactory service for international shipping. Consequently, the United Kingdom is not able to apply the Convention and the Plan in the Zones of Germany occupied by British troops."

143. Page 42. The Delegate of the Roumanian P.R. pointed out that the Sulina Radio station appeared erroneously to belong to the U.S.S.R. whereas it was a Roumanian station.

144. Pages 43 and 43 a). Approved without observations.

145. Page 44. In connection with the station Larnaca Radio, the Delegate of the U.S.S.R. again raised the question of the list of countries which were to appear in the Plan. He proposed that the station of Larnaca Radio, situated in the island of Cyprus, should appear under the heading "United Kingdom".

146. The frequency requests for Cyprus, like those for Gibraltar, or Malta, had been made by the United Kingdom. Furthermore, in the Montreux Plan, the geographical situation of stations was not taken into consideration, but only the countries on which they depended.

147. The Delegate of the United Kingdom replied that the Broadcasting Conference had thought preferable to mention the country in which the station was located and he formally proposed that the Maritime Conference should do the same. Since 1939 there had been in the statutes of the Administrations of Cyprus, Malta and Gibraltar changes which justified the British Delegation's position. He declared that it would devolve upon the Administrations of these territories to take the necessary steps if the implementation of the Copenhagen Plan should give rise to difficulties as regards their frequencies.

148. As the discussion was prolonged, the Chairman took a vote on the British Delegation's formal proposal to the effect that the same designation should be adopted at the Maritime Conference, as at the **Broadcasting Conference.**

149. This proposal was accepted by 14 votes to 11. 3 Delegations were absent. For the British proposal:

Belgium, Denmark, France, Greece, Ireland, Iceland, Italy, Monaco, Norway, the Netherlands, Portugal, Morocco and Tunisia, the United Kingdom, Sweden.

Against:

P.R. of Albania, S.S.R. of Bielorussia, P.R. of Bulgaria, Finland, Hungary, Rep. of Poland, F.P.R. of Yugoslavia, S.S.R. of the Ukraine, Roumanian P.R., Czechoslovakia, U.S.S.R.



Absent:

Egypt, Switzerland, Turkey.

150. Page 44. The Delegate of the Netherlands pointed out the omission of the station of Anvers Radio under the heading "Belgium".
151. Pages 45 to 50 gave rise to a single observation, that of Turkey: the power of Kerkyra Radio (Greece) was given as 0.2 kW on page 46, whilst page 43 gave 0.5 kW. 0.5 kW was the correct power to appear on page 46.

x

x

x

152. After the reading, the Delegate of France proposed that Mr. Billington, Mr. Shtchetinin and himself should meet on the following morning to put the finishing touches to the final Plan, taking into account the observations concerning drafting and other matters put forward that evening so the work might be finished by 10.30 a.m. thus allowing the various Delegations to verify between 10.30 and 12 noon the accuracy of the particulars concerning the coast stations of their countries.
153. The Chairman gave his assent to this proposal which would obviate the necessity for a full second reading of the Copenhagen Plan. He requested Delegations having reservations to make, to hand them in before noon on September 16.
154. The Meeting rose at 12.30 a.m.

V. Meyer,  
H. Voutaz,  
J. Revoy,  
Secretaries.

Seen: W.F. Studer  
Secretary in  
Chief

Seen: N.E. Holmblad  
Chairman

(Tr.5/R7/D32)

Original: French

M I N U T E S

of the 6th Session of the Plenary Assembly  
Thursday, 16 September 1948

1. The Meeting opened at 2.45 p.m. with Mr. N.E.Holmblad in the Chair.
2. The Agenda of the Meeting (MAR Document 218) was adopted without discussion.
3. Item I - Approval of the Minutes of the 4th Meeting (MAR Doc. 192)

This Document was issued in the French text only. It was adopted subject to a correction suggested by the Delegate of Albania. The English and Russian texts could be corrected from the written notes which the Delegates concerned might submit.

4. Item II - Second Reading of the Convention and of the Preamble to the Plan (MAR Docs. 194 and 214)

5. The Chairman wished the reading to be quick and said that no corrections ~~should be made save small ones connected with~~ the wording.

6. Before the second reading of the text of the Convention, the U.S.S.R. Delegation felt it was justified in stating that, during the whole Conference, it had done its utmost and given proofs of its earnest desire to enable a unanimous agreement to be reached. The U.S.S.R. Delegation had assumed this attitude in order to fulfil all the conditions which might lead to a successful conclusion of the work. Certain Delegations, however, had shown no desire to reach an unanimous agreement.

6. The Delegation of the U.S.S.R. availing itself of this last opportunity, entreated the Conference to agree to the conclusion of an European arrangement with an administrative character.

7. In case this appeal should not meet with a favourable response, the U.S.S.R. Delegation would be obliged to make the following formal statement:

8. "The Conference has exceeded its powers. It has infringed the Atlantic City Convention and Regulations as well as its own Rules of Procedure.

9. The Conference has repudiated, without any justification, the well-established principles regulating international agreements and the distribution of frequencies according to maritime requirements.

10. For these reasons, the Soviet Delegation considers that it is not in a position to accede to the Convention and it reserves the right to enter into regional agreements with the countries interested in the Black Sea, the Baltic Sea, the White Sea, and the Sea of Barents basins.

11. In case this appeal should meet with no favourable response, the Soviet Delegation requests that the present Statement be inserted in extenso in the Minutes of the Conference."

12. The Delegate of the Ukraine S.S.R., speaking for his own Delegation and on behalf of Belorussia S.S.R., supported this point of view and asked for this statement to be included in the Minutes.

13. The Delegates of Bulgaria P.R., of Poland, of Albania P.R., of Yugoslavia F.P.R. (the latter on behalf of Hungary as well) stated that they shared the views of the U.S.S.R.

14. The Delegation of Albania P.R., in consideration of

- a) the nature of the previous maritime regional conferences,
- b) the decisions reached at Atlantic City,
- c) the invitations issued by the Government of Denmark,
- d) and the unanimous decision taken at the third Plenary Assembly of the Conference,

expressed the view that the Maritime Regional Radio Conference of Copenhagen was an administrative conference and that the final acts of this conference should have the same character.

15. In contradiction with the facts and reasons stated above, and in order to comply with the wishes of the Delegation of the United Kingdom, the third Plenary Assembly, disregarding the unanimous decision as to the administrative character of the Conference, acted in accordance with the British proposal. A vote by simple majority was proceeded to and it was decided that the final acts of this administrative conference should have an intergovernmental character.

16. The Albanian Delegation considered illegal this procedure which was not within the powers of the present Conference and it consequently took no part in the vote.

17. The Delegation of Albania furthermore considered that intergovernmental acts and diplomatic channels prevented the Plan from being applied and that an administrative arrangement alone could ensure an effectual and positive application of the Plan and of the decisions taken by the present Conference.

18. For the above-stated reasons, the Albanian Delegation repeatedly warned against the danger of taking an illegal decision and expressed the wish that the Conference should reconsider the question which had brought about a division in the present Meeting and rendered impossible the achievement of a single final agreement acceptable to all and in conformity with our Rules of Procedure.

19. The Albanian Delegation could accept the Plan if the agreements had an administrative character, but it would, to its deep regret, be obliged to decline to sign acts with an intergovernmental character, such acts being in contradiction with the character of the Conference.

20. The Albanian Delegation furthermore declared that the Albanian Administration of Radiomarine Services was prepared to conclude administrative arrangements with the countries interested with regard to the assignment and the application of frequencies to coast stations.

21. The Delegate of the Roumanian PR stated, on behalf of the Delegation of Czechoslovakia that the latter could not sign an intergovernmental radio maritime Convention, but only arrangements between the administrations of the countries concerned. For his own part, he considered himself unable to sign the Convention, account being taken of the provisions of Atlantic City - Directives for the P.F.B., Article 6, d) and of the character of the invitations, but he reserved the right to conclude regional agreements with the administrations concerned.

22. The Delegate of the United Kingdom observed that Art. 6, d) had in view decametric waves.

23. The Delegate of the Netherlands, having inquired whether the Delegate of the USSR and those who supported him were agreed to take the Copenhagen Plan as a basis for the regional agreements which they contemplated, the Delegate of the USSR replied that they would do so in most cases, the cooperative spirit which actuated the Soviet Delegation having always led it to safeguard European interests. The Soviet Delegation was ready to make every sacrifice to achieve European administrative agreements.

24. The Chairman thanked the USSR Delegate and declared that this discussion would be included in the Minutes.

25. The Delegate of Yugoslavia PR stated that he would accept the plan, but that, in his opinion, the authorisation to change places by 1 kc/s should not be extended to the stations placed on 419.5. and 474 kc/s. This freedom appeared to him more harmful than useful.

26. The Secretary in Chief began the reading of Document MAR 194

27. List of countries

The signatory countries alone would be listed.

28. Article 1-8

Adopted without observations.

29. Article 9 - Initial Adjustments.

Last line, read: "the frequencies contained in the Plan for their coast stations...."

Approved.

30. Article 10

Approved without remarks.

31. Article 11 -- Notification of Frequencies.

The note concerning para 1 was deleted and it remained understood that the decision reached would be the same as for the Broadcasting Conference. In this case, as the Delegate of France pointed out, exclusive bands alone were referred to.

32. It was then decided, according to a suggestion of the Delegate of France, that the beginning of this article should read as follows: "...by the Plan to the stations of the maritime mobile services..." so as to exclude the broadcasting stations in derogation listed in the Plan. After a short discussion regarding the notification of frequencies to ship stations, this wording was adopted. The Delegate of France referred the Assembly to No. 314 of the Radio Regulations so that the Delegates might ascertain that mobile stations were not mentioned.

33. The IFRB Observer then repeated a statement which he had made in Committee 3:

"Referring to para 3 of Article 11 of the Convention, I wish to state that the confirmation of this date is subject to the agreement of the IFRB. However, in view of para 3 and 19 of Article 11 of the Radio Regulations, I personally consider that, in practice, the conclusions of the IFRB shall be given automatically."

34. Article 12 and 13.

Approved without remarks.

35. Article 14 - Entry into force of the Convention and of the Plan

The Observer of the IFRB recalled that the Broadcasting Conference had already adopted a resolution to the effect that an examination must be made, before the entry into force of the new List of Frequencies, of the possibility of interferences due to harmonics in the stations operating in the new bands.

36. It did not seem advisable to do so in the present case as, according to a remark of the United Kingdom Delegate, the only new band was the 515 to 525 kc/s band.

37. It was then decided that the 15 March 1950 at 2 o'clock G.M.T. would be the date appointed for the entry into force of the Convention as for the Broadcasting Convention.

38. Resolution

The date left blank would be that of the day appointed for the signature of the Convention.

39. In the French text : last sub-paragraph should read: "...par le Plan pour les stations du service mobile maritime....."

(MAR Doc. No. 222-E)

40. In the English text, this sub-paragraph should read as follows: "The frequencies allocated by the Plan to the maritime mobile service shall bear as the date of notification....."

41. The second reading of the Convention being concluded, the Secretary in Chief proceeded to the reading of the Preamble. The only comments were the following:

42. Article 2, paragraph 1. English text, read: "The power indicated for a coast station in the Plan is the maximum power which may be used."

43. Article 3. Set 419.5 opposite Rouen-Port Radio and 474 opposite the four other stations.

44. The Preamble to the Plan was adopted and the Meeting was adjourned at 4.45 p.m.

45. The Meeting resumed at 5.45 p.m.

46. The Chairman stated that the four following items of the Agenda: 3) Second Reading of the Recommendations  
4) Approval of the Plan,

would be dealt with in the evening and on the following morning as the texts to be examined had not yet been circulated.

47. He passed on to Item 5 on the Agenda: Reservations and Statements and requested the Secretary in Chief to acquaint the Delegates with the statement of the United Kingdom which was worded as follows:

48. The Delegation of the United Kingdom and Northern Ireland consider that the assignments of frequencies to the German coast stations such as they are contained in the Plan do not provide adequate facilities for a satisfactory service to international navigation. The Government of His Britannic Majesty in the United Kingdom might consequently not find it possible to implement the Convention and the Plan in the British Zone of occupation in Germany."

49. The Delegate of the U.S.S.R. asked in which respects the service to be effected by the German coast stations was considered unsatisfactory. The number of frequencies allocated to Germany had been discussed by the Plan Committee and had given rise to no objections from the United Kingdom. The power allocated to Kiel-Radio alone had been discussed, but he did not see any necessity for increasing the number of frequencies allocated to this country.



50. The Delegate of the United Kingdom admitted that the question of the power and the number of frequencies had repeatedly been raised in Committee. With regard to Kiel-Radio the discussion bore on a compromise solution, but no agreement could be reached either as regards power or as regards the number of frequencies. The Delegate of the United Kingdom added that his country wished to use the frequencies provided by the Plan and that his statement only had in view the eventuality of the allocations for the British zone of Germany proving inadequate. Should the powers and the number of frequencies have to be modified later, the modifications would be effected in conformity with the dictates of the Convention.

51. The Delegate of the U.S.S.R. hoped that the observations which had just been made would be inserted in the Minutes.

52. The Chairman assured him that this would be the case and he informed the Delegates that the statement of the United Kingdom would be included in the Final Acts. Being a statement, it would be inserted after the signatures. There being no other statements or reservations, there would be no final protocol to sign.

53. The Delegate of the U.S.S.R. took note of the statement of the United Kingdom Delegation to the effect that it considered the frequencies allocated to Germany insufficient and reserved the right not to implement the Plan and the Convention in the British zone of occupation in Germany. Consequently, the U.S.S.R. Delegation was compelled to make the following statement:

54. Committee 4 had given the Plan Committee the directive to allocate Germany the technical minimum. However, in the Plan Committee, the United Kingdom Delegation had requested an allocation of 6 frequencies for 6 German stations as well as an important increase in the power in relation to the prewar level.

55. The Delegation of the U.S.S.R. considered that it would be sufficient to allocate Germany 3 frequencies and its prewar level for the power of broadcasting stations. Furthermore, it considered that it was incumbent upon the Allied Control Commission to take a final decision as regards the use of the frequencies allocated.

56. Following on mutual concessions, an agreement had been reached in respect of the frequencies determined and the number thereof. The United Kingdom, however, persisted in demanding that the power of the Kiel Radio broadcasting station be increased to about three times its prewar level.

57. The U.S.S.R. Delegation had been and still was unable to accede to this request which it considered unjustified and the acceptance of which would place Germany in a privileged situation with regard to the other countries.

58. The special increase in the power of broadcasting stations in Germany and, in particular, of the Kiel Radio station above the level indicated in the present Plan might result in the U.S.S.R. being compelled to resort to the measures which it might consider necessary."

59. Item 5 on the Agenda being disposed of, the Chairman proposed to consider Item 3 at the meeting which would take place after dinner and to leave Item 4 for the Plenary Assembly at 9 o'clock on the following morning before the ceremony of signing.

60. He requested the small Drafting Committee composed of Messrs. Biansan, Billington and a Delegate of the U.S.S.R. to be so kind as to make a preliminary revision of the Plan so as to eliminate errors.

61. The Chairman inquired whether there were any observations to be recorded under "Miscellaneous"

62. The Delegate of Switzerland wished to make the following statement before the conclusion of the work of the Conference and he requested that it be inserted in the Minutes:

"The Swiss Delegation had asked to be allowed to participate in the Maritime Regional Radio Conference on account of the fact that it had been allocated a frequency on the bands of maritime radio services. As the said frequency has not been retained by the Broadcasting Plan and Switzerland does not operate any mobile service station on the frequencies provided for by the Convention and by the Plan, the Swiss Delegation considers that it would serve neither its own interest nor that of the other signatories by remaining a party to a Convention the obligations of which it cannot possibly fulfil. It therefore declines to sign the European Regional Convention for the Maritime Mobile Communications Service. The Swiss Delegation wishes to thank the Assembly for having received it among the other Delegations and given it opportunity to speak as long as its interests were at stake."

63. The Chairman thanked the Delegate of Switzerland for his statement which would be inserted in the Minutes of the present Meeting and would show that the Swiss Delegation's non-signature of the Convention and of the Plan was not due to any disagreement with the Conference but to absolutely plausible reasons.

64. The Chairman drew attention to the press statement which had just been circulated and he requested the Delegates to have the kindness to read it in order that it might be discussed after the recess for dinner.

65. The Meeting rose at 6.20 p.m. to be resumed at 9 p.m.

(MAR 222-E)

66. The Meeting resumed at 9.15 p.m.

67. The Chairman informed the Delegates that a telegram had been sent by Mr. Julian Huxley of the U.N.E.S.C.O. to the Chairman of the Broadcasting Conference. He wished the Maritime Conference to hear it, as most of the Delegates present had also participated in the Broadcasting Conference:

68. "I wish to extend my heartiest congratulations to you and all Delegates upon the successful conclusion of the European Regional Broadcasting Conference stop The adoption of the Convention and of the Frequency Allocation Plan constitutes a very substantial contribution to the reorganisation of international channels of communication which is required to ensure the free flow of ideas between peoples to which U.N.E.S.C.O is constitutionally dedicated stop Such international cooperation along technical lines is an inspiring example for all the Specialised Agencies of the United Nations stop

Julian Huxley 180 U.N.E.S.C. ."

69. The reading of this telegram was received with lively applause.

70. The Chairman passed to the consideration of Document MAR 217 "pink sheets" containing the Recommendations of the Conference.

71. Recommendation No. 1

The Delegate of Norway pointed out that the text concerned the reception of transmissions not only from stations on board, but also from ship stations. He therefore proposed the substitution of "from the Maritime Mobile Service" for "from coast stations" in the title and in sub-paragraph a).

72. Approved.

73. Recommendation No. 2.

The Delegate of the United Kingdom had the word "service" added at the end of the English text of the Recommendation.

74. Recommendation No. 2 was approved.

75. Recommendation No. 3

The Delegate of the United Kingdom requested that the word "to" on the 9th line be deleted. The line should read: "...recommends Administrations and the C.C.I.R.!"

76. Recommendation No. 3 was approved.

77. Recommendation No. 4 - Approved.

78. Recommendation No. 5

The Delegate of the United Kingdom requested that the word "to" before the word "Administrations" be deleted in the title and in the 7th line of the Recommendation. On the 2nd line of the title in English the words "at sea" should be added, to read "... radioreception at sea due to ....".

79. Recommendation No. 5 was approved.

80. Recommendation No. 6 - approved.

81. In connection with the Recommendation appearing on page 17 of Document MAR 217 which had already been brought up during the previous meeting (No. 131 of Doc. MAR 221), the Delegate of France pointed out that the said Recommendation reiterated the provisions of Article 4 of the Preamble to the Plan. Foot-note 1 should read as follows:

in French: 1) L'objet de cette recommandation est contenu dans l'article 4.....

in English: 1) The substance of this recommendation is contained .....

82. With the above amendments, the Recommendations were approved.

83. Item 6 of the Agenda - Draft Press Release.

In the 8th paragraph, substitute "Maritime Regional Radio Conference" for "European Broadcasting Conference".

84. In the continuation of the Draft Press Release which appeared on a separate page, the names of P.R. of Albania and Hungary should be included, and on the request of the Delegate of the F.P.R. of Yugoslavia the end of the paragraph should be amended to read as follows:

85. "..... have intimated their inability to accept that a Convention adopted by a Conference of an Administrative character impose obligations on Governments and not on Administrations".

86. In the 3rd paragraph of page 2, after 2 for the Black Sea add the words "the eastern Region of the Mediterranean." This was inserted at the request of the Delegate of Albania (P.R.)

87. The Delegate of the U.S.S.R. thought it would be useful to mention in addition the bands 150-160 kc/s and 255-285 kc/s which the Conference had also dealt with.

88. The Chairman thought this addition pointless, the question being of minor importance.

89. The Delegate of the United Kingdom pointed out a few additional amendments to be made in the English text:

90. 3rd paragraph: instead of "installations" read "allocations of frequencies".

91. 4th paragraph: instead of "Montreux 1939", read "at Montreux 1939"

92. 5th paragraph: instead of "the Channel", read "the English Channel".

93. 15th paragraph: delete "and a Final Protocol" in the three languages.

94. The Chairman announced that a short Plenary Meeting for the final consideration of the Plan, would be held the following day at 9 a.m. The meeting would be followed at 10 a.m. by the Closing Meeting.

The Meeting rose at 10.15 p.m.

V. Meyer,  
H. Voutaz,  
J. Revoy,  
Secretaries

Seen:  
W.F. Studer,  
Secretary in Chief.

Seen:  
N.E. Holmblad,  
Chairman.

(Tr.7 and 5/R.7-5/32

Press Release

Approved at the Plenary Assembly of September 16, 1948

THE MARITIME REGIONAL RADIO CONFERENCE

The Maritime Regional Radio Conference at Copenhagen has just completed its work.

It had been convened in accordance with decisions taken during the International Telecommunication Conference of Atlantic City, 1947.

As a result of the modifications made in the world table of distribution of radio frequencies at Atlantic City, the Maritime Regional Radio Conference had to take the necessary measures for the allocation of frequencies to European Coast Stations in those parts of the frequency spectrum which are assigned to the Maritime Mobile Service.

The Conference has dealt with the requirements of the services in the bands 405 to 415 kc/s, 415 to 490 kc/s and 510 to 525 kc/s. Basically, it has dealt with the same questions as those before the Maritime Radio Conference of Montreux 1939.

Its principal task has been to assign frequencies to coast and ship stations with a view to permitting the exchange of communications between coast stations and ships navigating on the Barents Sea, the White Sea, the Baltic Sea, the English Channel, the North Sea, the Atlantic, the Mediterranean and the Black Sea.

To the general public, the word radio denotes only broadcasting. It forgets that there are other services, no less important, concerned with the exchange of communications, and with the safety of life at sea and in the air.

When this is appreciated, the importance of the Maritime Radio Conference of Copenhagen will be realised and its results are gratifying, since an agreement on the regulation of the important service between the coast and ships at sea has been achieved.

Inaugurated on the 25th June 1948 and in the Christiansborg Palace, Copenhagen, the Maritime Regional Radio Conference has held its closing meeting on 17th September at Elinore.

Twenty-eight countries of the European Maritime Area have taken part, as well as the Governmental Observers of the United States of America and Observers of International Organisations.

It was decided that the Conference should be of an administrative character.

It was further decided that the Final Acts of the Conference would take the form of agreements between Governments, signed by Delegates invested with full powers by their Governments, and not as in the past, of simple arrangements between Administrations.

The following Delegations have intimated their inability to accept that a Convention adopted by a Conference of an administrative character impose obligations on Governments and not administrations.

The Delegations of Albania, the S.S.R. of Bielorussia, the P.R. of Bulgaria, Hungary, the Republic of Poland, the F.P.R. of Yugoslavia, the S.S.R. of the Ukraine, the Roumanian People's Republic, Czechoslovakia, and the U.S.S.R.

Consequently, they have declared, accordingly, that they will not be able to sign the Maritime Radio Convention, but that they reserve the right to conclude regional administrative arrangements with the countries concerned, for the Black Sea, the eastern Region of the Mediterranean, the Baltic, the White Sea and the Barents Straits.

The above-mentioned Delegations have announced that their countries will probably consider the possibility of using the Copenhagen Plan as a basis for these arrangements.

The Conference has drawn up a new Convention, and a new Plan.

The Acts of the Conference have been signed by the Plenipotentiary Delegates of the 15 following countries:

Belgium, Denmark, France Greece, Ireland, Iceland, Italy, Monaco, Norway, Netherlands, Portugal, French Protectorates of Morocco and Tunisia, United Kingdom of Great Britain and Northern Ireland, Sweden, Turkey.

The Plan for the distribution of frequencies to coast stations will enter into force on 15 March 1950 at 02.00 hrs (Greenwich mean time).

Maritime Regional  
Radio Conference  
KØBENHAVN, 1948

MAR Document no. 224-E

19 September 1948

Submitted in : French

A m e n d m e n t

to Document MAR 192-E

(Minutes of the 4th Meeting of the Plenary Assembly)

Page 10 : delete paragraph 8, and replace with the following :

The Delegate of Albania insisted that, when he had requested to speak, he had wished to give his reasons for being unable to participate in the discussions on the Convention. He protested most categorically against the Chairman's cutting his speech short and later refusing to allow him to continue when he again asked to speak. He declared, in addition, that he withdrew from the discussions.



Minutes

of the 7th and last Plenary Assembly  
of Friday 17 September 1948

1. The Meeting opened at 9.20 a.m. with Mr. N.E. Holmblad in the Chair.
2. The Chairman submitted the Plan drawn up by the Maritime Regional Radio Conference to the Assembly for second reading and inquired whether there were any observations to be made on this subject.
3. The following corrections were requested, for the French text, by Mr. Biansan and for the English text, by Mr. Billington:
  4. Table I
    - French and English texts, page 19, 416, 5th column, replace Bergen Radio by Bergen Norge Radio.
    - French text, page 20, 429, 5th column, replace Valentine Radio by Valentia Radio.
    - French text, page 21, 432, 5th column, replace S. Nazaire Radio by St. Nazaire Radio.
    - English text, page 21, 438, 6th column, after Oran-Ain-El-Turk Radio, read (0.5).
    - French and English texts, page 22, 447, 3rd column, add 2) after Swinoujscia Radio.
    - 450, 6th column, add "Radio" after "Palma de Mallorca".
    - English text, page 23, 464, 3rd column, replace "Härnösand Radio" by "Härnösand Radio".
    - 472, 4th column, read (Le) after Havre-Port Radio
    - 6th column, read (La) after Maddalena Radio
    - French text, page 24, 472, 4th column, read (Le) after Havre-Port Radio.
    - English text, page 24, 487, add PORTUGAL before the word AZORES.
    - French text, page 26, 520, 4th column, read "Hamar station de radiodiffusion" (1.0) NORVEGE
    - English text, page 26, 524, 3rd column, read (1.0) after Vaasa Radio, 7th column, add 7) after Taranto Radio.
5. Table 2.
  - English text, page 27, Denmark, columns 3 and 4, put 461 1.0 opposite the first Copenhagen-Lyngby Radio station and 487, 0.1 opposite the second. Furthermore, remove Thorshavn Radio 447 1.0 appearing under Egypt and insert it under Denmark.

French text, page 28, Denmark, columns 3 and 4, put 461 1.0 opposite the first Copenhagen-Lyngby Radio station and 487 0.1 opposite the second. Furthermore, place (CO) appearing after Skagen Radio after the 2nd Copenhagen-Lyngby Radio station.

Page 28 of the English text, and page 29 of the French text, under France, put 416 1.0 opposite the first Gouesnou Radio 1) station and 487 5.0 opposite the second.

English text, page 29, Italy, last Venezia Radio (CO) 7) station, column 3, read 524.

On page 32 of the French text, the Delegate of the Netherlands requested that under Netherlands, Sceveningen Radio be replaced by Scheveningen Radio.

English text, page 31, under Portugal, replace Montigo Radio (CO) by Montijo Radio (CO) both times.

Page 33 of the English text, and page 35 of the French text, under S.S.R. of the Ukraine, put 416 0.5 opposite the first Odessa Radio station and 447 0.75 opposite the second.

6. With these corrections and some minor improvements to be made by the Chairman of the Drafting Committee with the cooperation of the Secretariat, Documents MAR 219 F and E were approved.
7. The corrections to the Russian text in part the same as those made in the French and English texts, would be handed straight to the Secretariat. That text was also approved.
8. The Chairman announced that there were no further items on the Agenda and that the ceremony of signature, which would also be the closing meeting, would take place at 10 a.m.

The Meeting rose at 9.50 a.m.

V. Meyer,  
H. Voutaz,  
J. Revoy,  
Secretaries.

Seen:  
W.F. Studer,  
Secretary in Chief.

Seen:  
N.E. Holmblad,  
Chairman.

(Tr.5/R.7/D.32)

23 September 1948

Submitted in: French.

Closing Meeting  
of the  
Maritime Regional Radio Conference

Friday 17 September 1948

1. At the end of the 7th and last meeting of the Plenary Assembly, concluded at 9.50 a.m., all the Delegations present assembled in the Concert Hall of the Marienlyst Hotel, in order to proceed to the ceremony of signature of the Acts of the Conference.
2. The Director-General of the Post and Telegraphs of Denmark, representing the Minister of Public Works, honoured the Assembly with his presence.
3. The flags of all the countries represented at the Conference pointed towards the dais which had been lavishly beflowered for the occasion. On three tables illuminated by candles, were the papers which the three Secretaries of the Conference had prepared for the Delegates to sign.
4. The Secretary in Chief gave the Assembly a few preliminary explanations. At the calling of their country's name, the Delegates authorized to sign were to step up on the dais and sign the papers prepared to this end, and which bore the name of the country in the three official languages of the Conference. One of the signatures was to appear after the Convention; the second after the Plan, and the third after the Final Protocol. The Delegates who had signed previously might step up to verify the presence of their signature on the appropriate papers.
5. The Final Acts of the Conference with the signed papers would be sent to the Government of Denmark, in whose custody they would remain.
6. The Delegations of the following fifteen countries gave their signature:  
Belgium, Denmark, France, Greece, Ireland, Iceland, Italy, Monaco, Norway, Netherlands, Portugal, French Protectorates of Morocco and Tunisia, United Kingdom of Great Britain and Northern Ireland, Sweden, Turkey.  
  
The Plenipotentiaries of the United Kingdom of Great Britain and Northern Ireland made the following statement, to appear after their signatures:  
"We declare that our signatures, given on behalf of the United Kingdom of Great Britain and Northern Ireland, also cover Gibraltar, Cyprus and Malta."
7. Apart from Austria, Vatican City State, the Lebanon, Luxembourg and Syria, which had been invited but had not participated in the Conference, and the Swiss Confederation which had ceased to participate from the moment of settlement of the question of broadcasting frequencies in derogation, the Delegations of twelve countries present or represented, did not sign the Acts of the Conference. These being:

(MAR Doc. No. 226-E)

People's Republic of Albania, Soviet Socialist Republic of Bielorussia, People's Republic of Bulgaria, Egypt, Finland, Hungary, Republic of Poland, Federal People's Republic of Yugoslavia, Roumanian People's Republic, Soviet Socialist Republic of the Ukraine, Czechoslovakia, Union of Soviet Socialist Republics.

8. The Secretary in Chief declared the ceremony of signature at an end. The date of signature of the Acts was 17 September 1948.

9. Mr. N.E. Holmblad, Chairman of the Conference, then addressed those present in the following words:

"Ladies and Gentlemen,

"The Broadcasting Conference is over and, now, the Maritime Radio Conference is nearing its end.

"When we opened these two Conferences on the 25th of June, I should never have thought that the Maritime Conference would outlive the other. On the contrary, I cherished a hope that we would bring it to a satisfactory conclusion much earlier than the Broadcasting Conference. Our inability to do so is to be ascribed to the fact that the two Conferences are so closely related that no definite decision could be reached in the Maritime Conference before the Broadcasting Frequency Plan was completed. This is particularly true of the question of derogations which had to be solved definitely before anything else could be done.

"Now, however, everything has been settled and we have drawn up a Convention and a Plan for coast and ship stations.

"Unfortunately, the Convention has not been signed by everybody. However, even those who found themselves unable to sign it have given us the hope that the Plan will be used by them as a basis for the allocation of frequencies to the coast stations of their different countries.

"The solution of this question is of an importance which cannot be overestimated. It was a vital question for navigation in all the seas in Europe and I trust the new Plan will fulfil all our hopes.

"In order to accomplish this task, it has been necessary for all participating Delegations to cooperate, and I thank you all for your splendid effort.

"I especially wish to thank the Chairman and Vice-Chairman of the various Committees and Working Groups and to tell them how much they have helped in dealing with the questions upon which the Plenary Assemblies had to take decisions. I particularly thank the Vice-Chairman of the Conference, my friend, Mr. Pedersen, for his invaluable help and collaboration.

"I feel sure I am interpreting the feelings of everyone here in tendering my warmest thanks to Mr. Studer of the International Bureau of Telecommunications and to all his staff among whom I especially wish to mention Dr. Meyer, Mr. Revoy and Mr. Voutaz. You all know how very hard these gentlemen have worked and the extent to which they have contributed to the smooth and perfect running of the Secretariat. Our secretaries have most distinguishedly represented the Bureau of the Union and its long reputation for accuracy, punctuality and profound knowledge of all matters pertaining to Conferences such as the one we are now concluding.

"I also wish to express my thanks to the linguistic service and, in particular, to Mr. Mirsky, who has now assumed the functions of head of this service in place of Mr. Boussard who has been obliged to leave

Marienlyst without seeing the end of the Conferences. I must make a special mention of the interpreting system which has been admirably useful and to pay tribute to the speed and accuracy with which the Documents were translated in three languages.

"Before we part, Ladies and Gentlemen, I wish to tender my best wishes to you all. I wish you a happy journey home and I thank you all for your cooperation and for your indulgence for my shortcomings in the guidance of the Conference.

"Thank you for the pleasant hours I have spent in the meetings as well as between the meetings, and thank you for your friendliness.

"Parting is indeed a sweet sorrow after so many weeks spent together, but I feel sure that many of us will meet again. Therefore, I shall not say "Good-bye", but "Au revoir!" and "Good luck to you all!"

The Assembly received that speech with lively applause.

10. Mr. J.K. Jensen, Director-General of the Post and Telegraphs of Denmark, delivered the following speech in French:

"Ladies and Gentlemen,

The Minister of Public Works is, at the moment, travelling. It is for that reason that I have the honour to present the compliments of the Minister and of the Government to the Ladies and Delegates of the Maritime Radio Conference.

"For us, Danes, it has been a great honour and a great pleasure to have the Maritime Radio Conference and the European Broadcasting Conference in our country.

"At this time, of the conclusion of the work of the Maritime Conference, I should like to say how gratifying it is to me that this Conference has also achieved results.

"There is no doubt that the public interest has been mainly attracted by the Broadcasting Conference to which, in the main, the press has devoted its attention. The interest latent in the Maritime Conference can not be overestimated in view of the great importance of the radio service for shipping.

"I know that this result has cost you great efforts, but that you have striven with a zeal which has never flagged.

"I should like to congratulate you on the result achieved and to express the wish that the provisions adopted be implemented by the Maritime Radio Services so that they may continue to contribute towards the peaceful exchange of information between peoples.

"With these words, Ladies and Gentlemen, I bid you farewell, with my sincere wishes for a "bon voyage" and for a smooth and happy future.

"May you cherish the most pleasant memories of your sojourn at Copenhagen and at Elsinore."

Lively applause.

11. Mr. J.D.H. van der Toorn, Head of the Delegation of the Netherlands, then spoke as follows:

(MAR Doc. No. 226-E)

"All the Conferences have now come to an end. Strange feeling that we will now take up our normal work again, that we will not go any more to our Conference Room and work on the Convention or the Plan. True that the Conferences lasted too long, due to the repetition of arguments, but on the other hand it had a fascinating aspect. The Maritime Conference was not so exciting as the Broadcasting Conference. Its results are less spectacular, but for the services interested, the new Convention will be a valuable one. The operators of the 254 coastal stations and of the numerous ships who handle the traffic in the Black Sea, Mediterranean, Atlantic, North Sea and English Channel, Baltic, White Sea and Barents Straits will enjoy a good service with that minimum of interference which a scientific frequency planning, as we have done here, can provide.

"It is with great regret that we are missing under the Convention the signatures of the Eastern European States. What divides us, is, however, not the technical substance. It is gratifying, however, that they agree to take the Plan as a basis for the regional regulation of relations in the Maritime Mobile Services.

"Especially in the Technical Plan Committee the cooperation was very cordial. There was a spirit of goodwill. People were sitting together who deal themselves with the daily technical and traffic problems. Ladies and Gentlemen, when such people are talking with one another, they are not divided by the borders of their countries or the language they speak; they are united by their common interests, they are united by that element, the sea, which covers 3/4 of our globe and on which the ships are sailing. They all deal with their common traffic as well as with their safety of life and ship.

"Mr. Chairman, when we have left, we will remember many things: we will remember Marienlyst with its wonderful view of the Sound, where every moment the passing ships reminds the MAR people of their duty to them. We will remember the city of KØBENHAVN, which housed us during the first two months in the stately rooms of Christiansborg, where we felt it a great honour to do the work of our Conference. We will remember the fine architecture of your capital and we will remember the interesting excursions at which we had an opportunity of seeing the thriving countryside of Denmark. We will remember all that you did for us, your wonderful hospitality, your kindness, your intention to help us in everything as much as you could. Our ladies are most grateful to your ladies for all that they did for them.

"Of course, the Secretariat, and the interpreting staff had to carry a heavy task but they did it well, they and all other cooperators have been already mentioned in the Broadcasting Conference, and I do not think it necessary to repeat it, as we all know it very well.

"Mr. Chairman, you have been an able Chairman, and we thank you for all you have done. Also, our Vice-Chairman, Mr. Pedersen, has our esteem and gratitude. Our Planning Group, Mr. Billington, Mr. Szinitzine and Mr. Biansan had the brunt of the work, but they did it well. The Chairmen of the Committees deserve our thanks.

"And last, but not at all least, we must profoundly thank the Danish Administration and its members for all that they did in organising this Conference. I would request Mr. Jensen, the Director-General, with whose charming personality I had the privilege to become still better acquainted, to convey our sincere thanks to the Ministry.

"Mr. Chairman, may the spirit of cooperation between all European countries as appeared from the common work of the Plan, prevail, like that shown in this Conference of the Maritime Service, the oldest users of radio, although their voice is more modest than that of the loud-speakers of broadcasting.

(MAR Doc. No. 226-E)

"The Conference is at an end. From this moment on we will spread all over Europe. I wish you all a good voyage and happy return. And to those who are staying here, our Presidency and hosts and all Danish workers, we wish God Speed and the very best, and to the hospitable country of Denmark we wish, with a thankful heart, a peaceful development and prosperity."

Lively applause.

12. Madame Vendelmans and Mr. Meller gave the consecutive interpretations of the speeches.
13. The Chairman declared the European Broadcasting Conference at an end. The time was noon.

V. Meyer,  
H. Voutaz,  
J. Revoy,  
Secretaries.

Seen:  
W.F. Studer,  
Secretary in Chief.

Seen:  
N.E. Holmblad,  
Chairman.

(Tr.5/R.7 /D-35)



MARITIME  
REGIONAL RADIO CONFERENCE  
KØBENHAVN, 1948

MAR Document No.227-E  
September 29, 1948

Submitted in: French

L I S T

of Documents Nos.201 to 227 of the Maritime Regional  
Radio Conference

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MAR Document Nos.

201	-	List of Docs. MAR 101 - 200.
202	Committee 3	Report of the 14th Meeting - 7.9.48.
203	-	Sharing of the expenses of the RD and MAR Conferences and of the Committee of Eight Countries.
204	Committee 5	Report of the 3rd Meeting - 11.9.48.
205	Committee 5	Texts for 1st Reading (Blue series No.2 MAR).
206	-	Programme suggested by the Chair for 13 and 14.9.48.
207	Plan Group 4 B	Amendments to Doc. MAR 191.
208	-	Letter from the I.F.R.B. Observer.
209	Committees 4	Report of the 10th Meeting of the 10.9.48.
210	-	Copenhagen Plan (Blue Series No.4 MAR).
211	Committee 5	Texts for 1st Reading (Blue series No.3 MAR).
212	Committee 4	Report of the 11th Meeting - 13.9.48.
213	Committee 5	Report of the 4th Meeting.
214	Committee 5	Texts for 2nd Reading (Series B-MAR).
215	Committee 2	Report of the 5th and last Meeting - 15.9.48.
216	Committee 2	Final Report of the Chairman of Committee 2.
217	Committee 5	Texts for 2nd Reading (Series C-MAR).
218	-	Agenda of the 6th Meeting of the Plenary Assembly.
219	-	Plan for 2nd Reading (Series D-MAR).
220	Committee 5	Report of the 5th Meeting - 16.9.48.
221	-	Minutes of the 5th Plenary Assembly - 15.9.48.
222	-	Minutes of the 6th Plenary Assembly - 16.9.48.
223	-	Press Release.
224	-	Amendment to Doc. MAR 192.
225	-	Minutes of the 7th and last Plenary Assembly - 17.9.48.
226	-	Closing Meeting - 17.9.48.
227	-	List of Doc. MAR 201-227