



**Documents of the 2nd International High Frequency Broadcasting Conference
(Florence-Rapallo, 1950)**

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Firenze/Rapallo - 1950

COMMITTEE 7

BUDGET CONTROL COMMITTEE

Minutes of the First Meeting

11 April 1950 at 5.45 p.m.

Mr. El Bardai was in the Chair.

1. Terms of Reference of the Budget Control Committee

"To check all the expenditure of the Conference, to keep it within the limits of the budget approved by the Administrative Council and to ensure that such expenditure is justified".

2. The Chairman reminded the Committee that the only reason for its meeting was to organise its work, already clearly defined by the terms of reference given to it. There would be no rapporteur; the Secretariat would be responsible for the preparation of minutes.

3. At the request of the Delegate of the United Kingdom, the Secretary General of the I.T.U. gave a summary of the statement he had made to the Plenary Assembly on 6 April on the problem of increasing the salaries of certain categories of Secretariat staff. First estimates showed approximately a 69,000 Swiss francs increase in expenditure, including the payment of travelling expenses, against which only a small amount was shown in the budget. It did seem, however, that the overall expenditure of the Conference could be kept within the limits prescribed by the Administrative Council. He stated that, in a rather short time, he would be in a position to submit a balance sheet showing exactly the financial situation of the Conference.

4. In reply to a question from the Delegate of France, the Secretary General of the I.T.U. informed the Committee of his decisions concerning the staff assigned to the Russian service. The fact that the Conference had set up a Committee (Committee 3), in addition to those contemplated before the opening of the Conference, which would certainly form sub-committees and working groups, had made it possible for the staff intended for Russian interpreting to be retained. The interpreters concerned had, moreover, been chosen from candidates with a knowledge of other languages than Russian; that had been done in order to reduce, as far as possible, any expenditure involved in the use of an extra working language. The same applied to the translators and typists, who were fewer in number than was provided for in the budget.

5. The Delegate of Canada asked that the set of Administrative Council Resolutions and the Staff Regulations of the Union should be made available to the Committee, for reference, at its next meeting.

The meeting rose at 6.15 p.m.

The Chairman

A. El Bardai

Dn/Ba



International High Frequency
Broadcasting Conference

Document No. 102-E
28 April 1950

Firenze/Rapallo - 1950

COMMITTEE 4

I T A L Y

Letter to the Chairman of Committee 4

Florence, 26 April 1950

To the Chairman of Committee 4,
Palazzo Strozzi

Dear Sir,

To supplement the observations on the six phases of the Plan prepared by the T.P.C. in Paris, which the Italian Administration forwarded on 27 February 1950, we attach hereto detailed observations for each phase of the Plan.

I remain, Sir,
Yours faithfully,
(Signed) GNAME
Vice-Chairman of the Italian
Delegation

Enclosure

/Sé.



A N N E X

Supplementary observations by the Italian Administration
on the six phases of the Plan.

JUNE 40.

- 11 Mc/s band, channel 25, instead of 19-21 hours, assign 18-20 hours.
- 21 Mc/s band, channel 25, 09-10 hours, transfer to 17 Mc/s band,
channel 15.

JUNE 12.

- 9 Mc/s band, restore 18-20 hours existing in the Basic Plan, reception area 57.
- 11 Mc/s band, channel 25, instead of 1830-2100 hours, assign 1800-2030 hours.
- 15 Mc/s band, channel 8, assign 0700-0730 hours, reception areas 48 or 59, 60.

EQUINOX 40.

- 6 Mc/s band, channel 5, restore the assignment in the Basic Plan, 2100-2130 hours, reception areas 18, 27, 28, 29.
- 9 Mc/s band, channel 12, restore the assignment in the Basic Plan, 23-24 hours, reception areas 6 to 10.
- 9 Mc/s band, channel 20, delete 20-21 hours and restore 2 hours of the Basic Plan, 18-20 hours.
- 9 Mc/s band, channel 23, restore the assignment in the Basic Plan, 20-21 hours, reception areas 18, 27, 28, 29.
- 11 Mc/s band, channel 25, restore the assignment in the Basic Plan, 1600-1630 hours, reception areas 39, 40.
- 21 Mc/s band, channel 25, 09-10 hours, transfer to 17 Mc/s band channel 15.
- 21 Mc/s band, channel 27, 10-11 hours, transfer to the 17 Mc/s band, channel 15.

EQUINOX 12.

- 6 Mc/s band, restore the assignment in the Basic Plan, 20-22 hours, reception areas 18, 27, 28, 29.
- 7 Mc/s band, restore the assignment in the Basic Plan, 18-20 hours, reception areas 39, 40.
- 9 Mc/s band, channel 26, restore the assignment in the Basic Plan, 01-02 hours, reception areas 6 to 15.
- 11 Mc/s band, channel 28, restore the assignment in the Basic Plan, 1830-1900 hours, reception area 48.

DECEMBER 40.

- 6 Mc/s band, channels 7 and 8, 06-08, 11-15 and 1730-2300 hours, transfer to channel 12 and, in the same channel, restore the assignment in the Basic Plan, 1500-1700 hours, reception area 28.
- 6 Mc/s band, restore the assignment in the Basic Plan, 18-22 hours, reception areas 18, 27, 28, 29.
- 6 Mc/s band, channel 8, restore the assignment in the Basic Plan, 22-23 and 0130-0400 hours, reception areas 6 to 15.
- 7 Mc/s band, restore the assignment in the Basic Plan, 16-17 and 18-19 hours, reception areas 39, 40. Transfer to the same channel 19-20 hours of channel 16 and delete 20-21 hours in channel 14.
- 7 Mc/s band, channel 16, restore the assignment in the Basic Plan, ~~19-20~~ and 21-22 hours, reception areas 18, 27, 28, 29.
- 11 Mc/s band, channel 11, restore the assignment in the Basic Plan, 18-19 hours, reception area 48.
- 21 Mc/s band, channel 25, transfer 09-11 hours to the 17 Mc/s band, channel 8.

DECEMBER 12.

- 6 Mc/s band, channel 5, restore the assignment in the Basic Plan, 18-22 hours, reception areas 18, 27, 28, 29, 39, 40.

DECEMBER 12 (contd.)

6 Mc/s band, channel 12, restore the assignment in the Basic Plan, 22-23 and 03-04 hours, reception areas 6 to 16, and transfer the entire programme to channel 21.

6 Mc/s band, channel 15, restore the assignment in the Basic Plan, 16-20 hours, reception areas 18, 27, 28, 29.

7 Mc/s band, restore the assignment in the Basic Plan, 16-17 and 18-20 hours, reception areas 39, 40.

9 Mc/s band, channel 10, restore the assignment in the Basic Plan, 18-19 hours, reception area 48.

21 Mc/s band, channel 17, transfer 10-11 hours to the 17 Mc/s band.

21 Mc/s band, channel 25, transfer 09-10 hours to the 17 Mc/s band.

Firenze/Rapallo - 1950

COMMITTEE 3

FINAL REPORT OF WORKING GROUP 3B

1. Terms of Reference : "to consider requirements submitted in special cases of countries, such as Israel, Jordan and Yemen, who were unable to make their needs known at the time of the Mexico City Conference; to analyse these requirements, and to make a report to Committee 3 by April 28th at the latest. In the course of its work, the Group will conduct all necessary interviews."
2. Submissions considered by the Group :

Israel
Jordan
Yemen

3. Procedure adopted

The Group deemed it to be its function under its terms of reference to conduct interviews with the delegates concerned, and, after obtaining the clearest possible understanding of the present position and future aspirations of the countries concerned, to use its best judgment in arriving at a fair and reasonable allocation which, in the opinion of the Group, was of the order of the allocation which would have been obtained in the Mexico City Basic Plan under the procedures there adopted. It was accordingly our endeavour to obtain agreement from the delegations concerned with the allocations which the Group was prepared to recommend, in the sense that the particular delegation would, even though reluctantly, be prepared to agree to a plan for the Basic Phase which incorporated the amended schedules which the Group was prepared to recommend. Such acceptance of the recommendations of the Group has been forthcoming from the delegation of Israel but was not possible in the other cases as only tentative submissions could be made for these countries by the delegation of Syria (see document No. 89).

4. Comment on the case of Yemen

The Group feels it to be its duty to record that it found some difficulty in accepting the case of Yemen as that of a country which was unable to submit requirements at Mexico City. No evidence was placed before the Group justifying this classification. However, as Yemen has been included as an example of the class of submission to be examined, the Group had no choice in the matter and dealt with the case of this longstanding Member of the I.T.U. on the same basis as the more recently recognised nations.



5. Summary of Recommendations

The overall channel hours recommended by Group 3 B, in the special cases considered, are given in the table hereunder, together with the total channel hours requested in their submission. These figures have been projected, as far as was practicable with the information submitted, on to Forms A which are attached as appendices to this report.

Country considered	Channel hours requested	Channel hours recommended by III b
Israel	75	52
Jordan	28	18
Yemen	24	16

Conclusion

In conclusion the Working Group desires to place on record the willing cooperation of the delegations concerned which greatly facilitated its task.

E.H.R. GREEN
Chairman
Working Group 3 B

Attached:
Appendices A, B and C

ISRAEL - JUNE 70																																
Category	Transmitter location	Region of reception	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Power	Antennnd Gain	Azimuth	Minimum distance	Maximum distance
IV	39	10-11-12																									50		290	10.000	13.000	
V		40																									7.5		90	1.000	2.500	
V		29																									7.5		355	2.200	3.800	
V		18																									7.5		335	3.000	7.000	
I		28																									7.5		335	1.700	3.700	
IV		15																									50		273	9.500	11.500	
IV		14																									50		273	11.500	13.000	
I	39	28																									7.5		335	1.500	3.600	
II		27																									7.5		320	2.000	4.000	
III		57																									50		192	6.000	7.500	
IV	39	59-60																									50		112	13.000	17.000	
V		41																									7.5		90	3.500	5.500	
Revised requirements as recommended by WG 3B																																

Revised requirements as recommended by WG 3B

ISRAEL - JUNE 70

BAND	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Hours per channel	
21 Mc/s									59, 60 50 kW						41 7.5 kW												3
17 Mc/s								28	27	57		28						28	27		57						11
15 Mc/s														10-11-12 50 kW				40	29	18	28			15	14		9
11 Mc/s	14	15	4, 8	10-11-12	6							4, 8 50 kW							4, 8		28			27			14
9 Mc/s								37-38 7.5 kW												37-38	28						5
7 Mc/s													39 2.5 kW														5
6 Mc/s																					39 2.5 kW						5
Summary of Required Allocations. (Amended)																								Total Channel Hours	52		

Appendice A au Doc. N° 103-F-E-S

Demandes en fréquences de l'Etat
d'Israël.

Frequency Requirements of the
State of Israel.

Solicitudes de frecuencias
del Estado de Israel.

Légende.

A = Informations et Commentaires
sur les informations.

B = Programmes culturels et do-
cumentaires.

X = Offices religieux.

C = En tchèque et slovaque

E = En anglais

F = En français

H = En hongrois

H^x = En hébreu

I = En italien

L = En ladin

P = En polonais

P^x = En portugais

R = En roumain

R^x = En russe

S = En serbo-croate

Sp = En espagnol

U = En ukrainien

Y = En Yiddish

Sw = En suédois

Legenda.

A = News and News Commentary

B = Cultural and Feature
Program.

X = Religious Service.

C = Czech and Slovakian

E = English

F = French

H = Hungarian

H^x = Hebrew

I = Italian

L = Ladino

P = Polish

P^x = Portuguese

R = Rumanian

R^x = Russian

S = Serbian and Croatian

Sp = Spanish

U = Ukranian

Y = Yiddish

Sw = Swedish

Leyenda.

A = Información y comentarios.

B = Programas culturales e
informaciones documen-
tales.

X = Oficios religiosos.

C = En checo y eslovaco

E = En inglés

F = En francés

H = En húngaro

H^x = En hebreo

I = En italiano

L = En ladino

P = En polaco

P^x = En portugués

R = En rumano

R^x = En ruso

S = En servo-croata

Sp = En español

U = En ucraniano

Y = En yiddish

Sw = En sueco

Programs No	Order of preferences of the requirements	Zone of Transmitter location	Region of reception (Zone)	BAND	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Power kW	Antenna Gain	Azimuth	Minimum distance	Maximum distance	
1	I	39	28	17							A Y, H*						A C, H, F, R					A, B Y, H*									7.5	12	335	1.700	3.700
				15																										"	"	"	"	"	
				11																										"	"	"	1.700	3.000	
				9																										"	8	275°	1.000	2.000	
2	I	39	4+8 6	11			A, B E, Y, H*										A Y, H*						A, B E, Y, H*								50	12	315	8.000	12.000
				11				A, B E, Y, H*																						"	"	335	10.000	13.000	
3	II	39	27	17								A E, F, Y											A, B E, Y, H*								7.5	12	320	2.000	4.000
				11																						A E, F, Y			"	"	"	"	"		
4	II	39	37+38	9			X, A, B ARABIC, L, H*																X, A, B ARABIC, H, L								7.5	8	275	300	3.500
5	II	39	39	6			X, A ARABIC, F, TURKISH																X ARABIC, H*, F, E								2.5	-	-	100	1.000
				7									X, A, B ARABIC, L, E, F, H*, TURKISH																		2.5	-	-	"	"
																														Details of program allocation.					

Details of program allocation.

[illegible]

Eliezer RON, the Israeli Delegation

Programs		Order of preference of the requirements	Region of reception	Reception zone no	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Power	Antenna Gain	Azimuth	Minimum distance	Maximum distance
1	1		Yemen & Saudi Arabia																										5		0	500	1000
2	3		Middle East Morocco Tunisia																										20		0	1000	2500
3	2		Europe	27/28																									20		?	2000	4000
<p style="text-align: center;">Total: 16 channel hours</p>																																	
<p style="text-align: center;">Revised requirements as recommended by WG 3B</p>																																	

Revised requirements as recommended by WG 3B

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 104-E
28 April 1950

COMMITTEE 4

I R A N

The Chairman of the Conference has received the following letter from the Head of the Iranian Delegation :

"Sir,

I kindly request you to consider as cancelled the letter recently forwarded to you by my Delegation and published in Document No. 88.

Yours very truly,

(signed) Teherany Djalaleddine
Minister of P.T.T.
Delegate of Iran".

Dn/Cp

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 105-E
28 April 1950

DOMINICAN REPUBLIC

PROXY

The Chairman of the Conference has received from the Head of the Delegation of the Dominican Republic the following communication:

"Professor G. Vallauri,
Chairman of the C.I.R.A.F.

Florence, 20 April 1950

Sir,

I beg to inform you that, when I am unable to attend the meetings of the Conference, I shall be represented by the Delegate of Uruguay.

Yours very truly,

(signed) Emilio Rodriguez Demorizi,
Delegate of the Dominican Republic".

Dn/Cp

International High Frequency
Broadcasting Conference

Document No. 106-E
28 April 1950

Firenze/Rapallo - 1950

I R A N

PROXY

The following letter from the Delegation of Iran has been received
by the Chairman of the Conference :

"The Chairman
of the International High Frequency
Broadcasting Conference,
Florence.

Florence, 24 April 1950.

Sir,

As I am obliged to leave the Conference, I hereby appoint
Mr. Metzler, Head of the Delegation of Switzerland, to represent
Iran during my absence.

I am, Sir,

Yours truly,

S. Teherany Djalaleddine,
Minister of P.T.T. of Iran,
Delegate of Iran".

Dn/Cp



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 107-E
29 April 1950

COMMITTEE 4

UNITED STATES OF AMERICA

(U.S.A. Zone of Occupation of Germany)

The Chairman of the Conference has received the following letter from the
Delegation of the United States of America :

Dear Mr. Chairman:

Florence -
April 27, 1950

This conference has requested the countries to submit their comments on the Phases of the Plan prepared by the Technical Plan Committee. The submission of the comments that follow should not be construed as acceptance of the Mexico City Basic Plan or of the Phases of the Plan on the part of the United States of America.

In recognition of the vast amount of work that has gone into the making of the Basic Plan and the six Phases of the Plan, the Delegation of the United States of America is prepared to cooperate and collaborate in making suitable adjustments to the Phases of the Plan in order to improve it technically and to make it more widely acceptable.

The Government of the United States of America considers that the assignments made to the USA Zone of Occupation of Germany, both in the Basic Plan and the TPC Phases of the Plan, are below the absolute minimum considered necessary to discharge properly its responsibilities as an occupying power in Germany.

Therefore, the new and revised requirements that have already been submitted to Committee No. 3 in accordance with decisions of the Plenary Assembly should be considered by the Conference as an integral part of the comments upon the Phases of the Plan. Circumstances giving rise to the new requirements are set forth in Conference Document No. 85. These requirements are set forth graphically on the attached sheets for each of the six Phases of the Plan.

On these sheets the dotted lines refer to assignments in the particular phase of the Plan. The full lines refer to the new revised requirements. Where a full line (revised requirement) appears just below a dotted line



(assignment in the phase of the Plan) the two represent the same assignment insofar as they coincide in time, area of reception, and transmitter location. The figure above the dotted lines refers to the channel number of the particular band in the particular phase of the Plan. The figures below the full lines refer to the areas of reception of the revised requirements.

Since only one frequency was assigned to the USA Zone of Germany in each of the Phases of the Plan there is no problem concerning program continuity.

Respectfully,

(signed) J. Paul BARRINGER

J. Paul Barringer, Chairman
Delegation of the United States
of America and Delegation of the
Territories of the United States
of America.

6 annexes.

[illegible]

[illegible]

[illegible]

			GERMANY (U.S.A ZONE) - EQ. 12																								POWER	ANTENNA
BAND (Mc/s)	COUNTRY	ORIGINATING POINT																									kW	
			0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24																									
6		Zone 28	<div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div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Firenze/Rapallo - 1950

COMMITTEE 4

UNITED STATES OF AMERICA
(International Zone of Tangier)

The Chairman of the Conference has received the following letter from the Delegation of the United States of America :

Florence, April 28 1950

Dear Mr. Chairman:

This conference has requested the delegations present to submit their comments on the Phases of the Plan prepared by the Technical Plan Committee. The Delegation of the United States of America submits herewith its comments with respect to its requirements for broadcasting from the International Zone of Tangier. These are submitted separately in accordance with past ITU practices and as a matter of convenience to the Conference.

The submission of the comments that follow should not be construed as an acceptance of the Mexico City Basic Plan or of the Phases of the Plan on the part of the Government of the United States of America.

In recognition of the vast amount of work that has gone into the making of the Basic Plan and the six Phases of the Plan, the Delegation of the United States of America is prepared to co-operate and collaborate in making suitable adjustments to the Phases of the Plan in order to improve it technically and to make it more widely acceptable.

My government has found it necessary in view of the circumstances set forth in Conference Document No.85 to increase its requirements for Tangier. These new and revised requirements have already been submitted to Committee No.3 in accordance with decisions of the Plenary Assembly, and should be considered by the Conference as an integral part of the comments on the Phases of the Plan. These requirements are set forth graphically on the attached sheets for each of the six Phases of the Plan.



On these sheets the dotted lines refer to assignments in the particular Phase of the Plan. The full lines refer to the new revised requirements. Where a full line (revised requirement) appears just below a dotted line (assignment in the Phase of the Plan) the two represent the same assignment insofar as they coincide in time, area of reception, and transmitter location. The figure above the dotted lines refers to the channel number of the particular band in the particular Phase of the Plan. The figures below the full lines refer to the areas of reception of the revised requirements.

Since there has been considerable revision of the requirements, the question of continuity of program structures in the six Phases of the Plan does not require comment at this time.

With respect to sharing, the situation is in general satisfactory, except for the case in the December 40 Plan of the transmission in the 6 Mc. band to Areas 27, 28 and 29. This situation is set forth on the attached form entitled "Analysis of Protection Ratios".

Respectfully,

(Signed) J. Paul Barringer

J. Paul Barringer, Chairman
Delegation of the United
States of America and Delegation
of the Territories of
the United States of America.

attachements

Chairman

International High Frequency Broadcasting Conference
Florence/Rapallo.

ANALYSIS OF PROTECTION RATIOS

Ann. 1
Doc. 108

COUNTRY : TANGIER (USA)							TRANSMITTER SITE : 37							PHASE : December 40		
Band	Channel	Pwr	AG	Az	RA	OH	Sharing Details							Protection ratio		Remarks
							HT	Ctry	TL	Pwr	AG	Az	RA	Basic Plan	Plan considered	
6	20	100	12		27 28 29	05-07	05-06	CHILE	14	5	0		14			32 db
6	20	100	12		27 28 29	05-07	05-06	CUBA	11	5	0		11			30 db

Comment: While the protection ratios listed here are unsatisfactory as compared with the standard of 40 db adopted by the Conference, the United States of America does not protest these particular assignments. In this case it has given consideration to the use of antennas of higher gain which would bring protection ratios to the order of 40 db. However, it is pointed out that the sharing situation as between Chile and Cuba in this case would be considerably below 40 db.

Observation : Bien que les rapports de protection ci-dessus ne soient pas satisfaisants par rapport aux 40 db adopté par la Conférence, les USA ne rejettent pas ces assignations. Dans ce cas, on envisage d'employer des antennes à gain élevé qui remonteront le rapport de protection à 40 db. On signale cependant que le partage entre Cuba et le Chili se fait en l'occurrence avec un rapport de protection bien inférieur à 40 db.

Observación: Aunque los coeficientes de protección que aparecen en esta lista no son adecuados en comparación con el coeficiente-tipo de 40 db adoptado por la Conferencia, los Estados Unidos de América no formulan objeción alguna sobre estas asignaciones especiales. En lo que a este caso se refiere, se ha estudiado la utilización de antenas de mayor ganancia, las cuales permitirán obtener coeficientes de protección de 40 db, aproximadamente. No obstante, se hace observar que en este caso y lo que respecta a la compartición entre Chile y Cuba, el coeficiente será muy inferior a 40 db.

AG - Antenna Gain
Az - Azimuth

RA - Reception Area
OH - Overall Hours

HT - Hourly Time
TL - Transmitter Location

POWER
KW

ANTENNA

BAND (Mc/s)	COUNTRY	ORIGINATING POINT	TANGIER (U.S.A) - DEC. 40	POWER kW	ANTENNA
6		Zone37	<div style="text-align: center;"> 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 ALL 100 ALL 12 db </div>		
7					
9					
11					
15					
17					
21					

BAND(Mc/s)	COUNTRY	ORIGINATING POINT	TANGIER (U.S.A) - EQ.12	POWER KW	ANTENNA
6		Zone 37	<div style="text-align: center;">0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24</div>	ALL 100	ALL 12 dB
7					
9					
11					
15					
17					
21					

12

Firenze/Rapallo - 1950

COMMITTEE 3

REQUIREMENTS COMMITTEE

Minutes of Fifth Meeting, 4.p.m.

Wednesday, 26 April, 1950

Chairman : Mr. Daumard (France)

Vice-Chairman : Mr. H.J. Schippers (Indonesia), Mr. J.A. Lopez (Venezuela).

1. Minutes of last two meetings approved.

2. Working Group reports.

2.1 Group 3 A.

(a) Chairman of the Group made oral report pending preparation of final printed report. Stated that requests for modifications were received from 29 administrations involving in all an addition of 602½ "program hours" to the total contained in the Basic Plan. No request included from India which made reservation to be annexed to Working Group report.

(b) India Delegate confirmed reservation and in response to Chairman's request for clarification indicated that India could make no commitment precisely as to its intent under the reservation in the absence of detailed information as to the currently existing situation.

(c) Working group 3 A reported indecision as to the extent to which it should "assess" justifications presented with requests for modifications. In response to Chairman's request the Group Chairman explained method employed for assessing or appreciating the arguments presented. He stated it was a general process of ascertaining that the argument was complete, sensible, adequately detailed, and properly related to the proposed modification.

Decided : Group 3 A is not empowered to accept or reject either modifications or justifications. It should concern itself with receiving, giving an appreciation of the material presented, and make a final report to Committee 3 at the next meeting to be held 5 p.m. Friday, 28 April 1950.

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 110-E
29 April, 1950

COMMITTEE 4

TERRITORIES OF THE UNITED
STATES OF AMERICA

The Chairman of the Conference has received the following letter from the Head of the Delegation of the Territories of the United States of America:

Florence, April 28, 1950.

Dear Mr. Chairman:

This conference has requested the countries to submit their comments on the Phases of the Plan prepared by the Technical Plan Committee. The submission of the comments that follow should not be construed as acceptance of the Mexico City Basic Plan or of the Phases of the Plan on the part of the United States of America.

In recognition of the vast amount of work that has gone into the making of the Basic Plan and the six Phases of the Plan, the Delegation of the Territories of the United States of America is prepared to cooperate and collaborate in making suitable adjustments to the Phases of the Plan in order to improve it technically and to make it more widely acceptable.

The Government of the United States of America considers that the assignments made to the Territories of the United States of America, both in the Basic Plan and the TPC phases of the Plan, are inadequate.

The new and revised requirements that have already been submitted to Committee 3 in accordance with decisions of the Plenary Assembly should be considered by the Conference as an integral part of the comments upon the Phases of the Plan. Circumstances giving rise to the new requirements are set forth in Conference Document No. 85. These requirements are set forth graphically on the attached sheets for each of the six Phases of the Plan.

Re/Km.



On these sheets the dotted lines refer to assignments in the particular phase of the Plan. The full lines refer to the new revised requirements. Where a full line (revised requirement) appears just below a dotted line (assignment in the phase of the Plan) the two represent the same assignment insofar as they coincide in time, area of reception, and transmitter location. The figures above the dotted lines refer to the channel number of the particular band in the particular phase of the Plan. The figures below the full lines refer to the areas of reception of the revised requirements.

Since new and modified requirements submitted for the Territories of the United States of America involve considerable adjustments made in the TPC Phases of the Plan, it does not seem necessary to dwell upon the factor of continuity of programs at this time.

With respect to sharing, the situation is in general satisfactory except for those cases which are set forth on the attached forms entitled "Analysis of Protection Ratios", which involve only two assignments in the Phases of the Plan.

Respectfully,

J. Paul Barringer, Chairman
Delegation of the United States
of America and the Delegation
of the Territories of the United
States of America.

Attachments

ANALYSIS OF PROTECTION RATIOS

Ann. 1
Doc. No 110

COUNTRY : U.S. Territories																TRANSMITTER SITE : 61 (Hawaii)				PHASE : Eq. 40	
Band	Chan- nel	Pwr	AG	Az	RA	OH	Sharing Details							Protection ratio		Remarks					
							HT	Ctry	TL	Pwr	AG	Az	RA	Basic Plan	Plan consi- dered						
9	22	100	12		44	15-16	15-16	Brit. Col: Malaya		10	0	-	49 51 54			8 db Unsatis- factory 8 db Non satis- faisant 8 db No satis- factorio					

AG - Antenna Gain
Az - AzimuthRA - Reception Area
OH - Overall HoursHT - Hourly Time
TL - Transmitter
Location

ANALYSIS OF PROTECTION RATIOS

Ann. 2
Doc. No 110

COUNTRY : U.S. Territories TRANSMITTER SITE :11(Puerto Rico) PHASE : December 40																
Band	Chan- nel	Pwr	AG	Az	RA	OH	Sharing Details						Protection ratio		Remarks	
							HT	Ctry	Tl	Pwr	AG	Az	RA	Basic Plan		Plan consi- dered
9	9	100	12		29 28	17-18	17-18	CANADA	2	10	0		2			18 db - also poor propagation path this time from 11 to 28, 29. Unsatisfactory ^x 18 db - Mauvais tra- jet pour la propaga- tion de 11 vers 28 et 29 à cette heure. Non satisfaisant. ^x 18 db - Desde 11 a 28,29 el trayecto de propagación es tambien defectuoso durante este perío- do. Inadecuado ^x
																^x Note: In the revised requirements submitted to Committee No. 3 this assignment has been modified with respect to area of reception and area of transmitter. ^x Note : Dans les demandes révisées soumises à la Commission 3, la zone d'émission et celle de réception relatives à cette assignation ont été modifiées. ^x Nota : En las solicitudes revisadas sometidas a la Comisión 3 esta asignación ha sido modificada en lo que respecta al área de recepción y a la del transmisor.
9	9	100	12		29 28	17-18	17-18	BOLIVIA	12	20	6		12			19 db Unsatisfactory 19 db Inadecuado 19 db Non satisfai- sant

AG - Antenna Gain

Az - Azimuth

RA - Reception Area

OH - Overall Hours

HT - Hourly Time

TL - Transmitter Location

BAND (Mc/s)			COUNTRY	ORIGINATING POINT	U.S.A TERRITORIES - JUNE 40																				POWER kW	ANTENNA							
							0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24																										
6																															ALL 100		ALL 12db
7																																	
9																																	
11																																	
15																																	
17																																	
21																																	
																															</		

Revised requirements ----- Paris assignments

ALL
100

ALL
12db

Firenze-Rapallo - 1950

COMMITTEE 4

UNITED STATES
OF AMERICA

The Chairman of the Conference has received the following letter from the Head of the Delegation of the United States of America :

Florence, 28 April 1950

Dear Mr. Chairman:

This conference has requested the countries to submit their comments on the Phases of the Plan prepared by the Technical Plan Committee. The submission of the comments that follow should not be construed as acceptance of the Mexico City Basic Plan or of the Phases of the Plan on the part of the United States of America.

In recognition of the vast amount of work that has gone into the making of the Basic Plan and the six Phases of the Plan, the Delegation of the United States of America is prepared to cooperate and collaborate in making suitable adjustments to the Phases of the Plan in order to improve it technically and to make it more widely acceptable.

The Government of the United States of America considers that the assignments made to the United States of America, both in the Basic Plan and the TPC Phases of the Plan, are below the absolute minimum.

The new and revised requirements that have already been submitted to Committee 3 in accordance with decisions of the Plenary Assembly should be considered by the Conference as an integral part of the comments upon the Phases of the Plan. Circumstances giving rise to the new requirements are set forth in Conference Document No. 85. These requirements are set forth graphically on the attached sheets for each of the six Phases of the Plan.

On these sheets the dotted lines refer to assignments in the particular phase of the Plan. The full lines refer to the new revised requirements. Where a dotted line (assignment in the phase of the Plan) appears above a full line (revised requirement), it represents an assignment usable for the requirement. The figure above the dotted lines refers to the channel number of the particular band in the particular phase of the Plan. The figures below the full lines refer to the areas of reception of the revised requirements.



Re/Ba

Any attempt made by the T.P.C. to maintain the continuity of programs was apparently quite unsuccessful, as it appears in the Phases of the Plan that there are many cases where a program to a given area has been moved from channel to channel in the same band within a space of a few hours. It is the opinion of my delegation that such an arrangement is highly objectionable from the standpoint of the listener, and constitutes an area in which there is considerable possibility for refinement and improvement by this conference.

In general the protection ratios incorporated in the six Phases of the Plan are satisfactory except in those cases which are set forth on the attached forms entitled "Analysis of Protection Ratios". In some cases it is not possible to determine the protection ratios since some countries have apparently not provided the necessary information on transmitter power, antenna gain, and azimuth of antenna. In such cases the Delegation of the United States of America finds it difficult to agree to sharing arrangements except where assumptions of the least favorable conditions indicate satisfactory protection ratios.

Respectfully,

(signed) J. Paul Barringer, Chairman
Delegation of the United States
of America and the Delegation of
the Territories of the United
States of America.

Attachments

Re/Ba

ANALYSIS OF PROTECTION RATIOS

Ann. 1
Doc. 111

COUNTRY : U.S.A.							TRANSMITTER SITE : 8							PHASE : June 40		
Band	Chan- nel	Pwr	AG	Az	RA	OH	Sharing Details							Protection ratio		Remarks
							HT	Ctry	TL	Pwr	AG	Az	RA	Basic Plan	Plan consi- dered	
9	20	200	15		28 29	05-07	05-06	IRAN	40	20	-	-	40			30 db in area 28 at 0500 GMT 30 db dans la zone 28 à 0500 GMT 30 db en la zona 28 a las 0500 GMT

AG - Antenna Gain

Az - Azimuth

RA - ReceptionArea

OH - Overall Hours

HT - Hourly Time

TL - Transmitter Location

ANALYSIS OF PROTECTION RATIOS

Ann. 2
Doc. 111

COUNTRY : U.S.A.			TRANSMITTER SITE : 6			PHASE : December 40										
Band	Chan- nel	Pwr	AG	Az	RA	OH	Sharing Details							Protection ratio		Remarks
							HT	Ctry	Tl	Pwr	AG	Az	RA	Basic Plan	Plan consi- dered	
9	6	200	12	265	60	10-12	10-12	PAKISTAN	41	50	10	135	41			14 db

AG - Antenna Gain
Az - AzimuthRA - Reception Area
OH - Overall HoursHT - Hourly Time
TL - Transmitter Location

ANALYSIS OF PROTECTION RATIOS

Ann. 3
Doc. 111

COUNTRY : U.S.A.							TRANSMITTER SITE : 6				PHASE : June 12					
Band	Chan- nel	Pwr	AG	Az	RA	OH	Sharing Details							Protection ratio		Remarks
							HT	Ctry	Tl	Pwr	AG	Az	RA	Basic Plan	Plan consi- dered	
9	14	200	20		42 43 44 49	09-14	09-14	USSR	29	100	-	-	29 32			25 db
11	7	100	15		64 65	06-09	07-09	USSR	29				35			28 db
11	18	100	15		50 54	04-13	04-10	BIELO RUSS	-	-	-	-	29			No target area, power etc. Pas de zone réception, de puissance, etc. Sin zona de recepción, potencia, etc.

AG - Antenna Gain
Az - AzimuthRA - Reception Area
OH - Overall HoursHT - Hourly Time
TL - Transmitter Location

ANALYSIS OF PROTECTION RATIOS

Ann. 4
Doc. 111

COUNTRY :			U.S.A.			TRANSMITTER SITE :			6			PHASE :			December 12		
Band	Chan- nel	Pwr	AG	Az	RA	OH	Sharing Details							Protection ratio		Remarks	
							HT	Ctry	TL	Pwr	AG	Az	RA	Basic Plan	Plan consi- dered		
9	2	200	22		59	09-14	09-11	USSR	?	-	-	-	51			No power, trans- mitter location or other data but RA is adjacent to our RA Pas d'indication de puissance, d'empla- cement, d'émetteur, ni d'autre caracté- ristique-mais la zone de réception est adjacente à la nôtre. potencia No se indica/ni ubicación del transmisor, u otros datos, pero el área de recep- ción es adyacente a la nuestra.	

AG - Antenna Gain
Az - AzimuthRA - Reception Area
OH - Overall HoursHT - Hourly Time
TL - Transmitter Location

Revised requirements ----- Paris assignments

EQ. 40

POWER
KW

ANTENNA

17

100/200

12 db

21

[illegible]

POWER
KW

ANTENNA

U.S.A. - DEC. 40

BAND (Mc/s)

COUNTRY

ORIGINATING
POINT

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

100/200

12 dt

15

17

21

[illegible][illegible][illegible]

[illegible]

BAND (Mc/s)	COUNTRY	ORIGINATING POINT	U.S.A. - JUNE 12																								POWER kW	ANTENNA	
15			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	100/200	12 db
					1																1								
				19	14	15					50	54										28				19			
					43	44	49			43	44	49										39	40	7		43	44, 49		
						35				43	44	49										46	52				1		
							1									12	13	14	15								(6)		
					21																						49		
						50	54																						
17		13			(6)																								
					12	14															57								
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				15	13		(6)															48							
					12																			16					
																						12	13	14	15				
																										15	13		
																											(6)		
																								12	14				
																												13, 15	
21																													

U.S.A - EQ. 12

POWER
kW

ANTENNA

6

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

100/200

12 dB

9

11

BAND (Mc/s)	COUNTRY	ORIGINATING POINT	U.S.A. - DEC. 12																								POWER kW	ANTENNA																																																																																																																																																																																																																																																
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International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 112-E
1 May 1950

COMMITTEE 4

I R A N

The Delegation of Switzerland acting under instructions and a proxy received from Mr. S. Teherany Djalaleddine, Minister of P.T.T. of Iran, desires to draw the attention of the Conference to the modified requirements, which Iran has submitted on 27 April to Sub-Group 1 of Working Group 4 A for the six phases of the Plan prepared by the T.P.C. in Paris.

6 Mc/s band - Transmitter location Teheran or Tabriz

0230 to 0530 GMT) Reception Area 40, 0 to 500 km.
0730 " 2030 GMT) Transmitter 10 kW, OM-Antenna.

9 Mc/s band - Transmitter location Teheran or Tabriz

0230 to 0530 GMT) Reception Area 40, 500 to 1920 km.
0730 " 2030 GMT) Transmitter 20 kW, OM-Antenna.

15 Mc/s band - Transmitter location Teheran.

GMT	Reception Zone	Distance km	Power	Azimuth	Gain
0730 to 1330	40	500 - 2400 km	20 kW	OM	2-4 db
1330 " 1630	41	1800 - 3500 "	20 "	105°	15 "
1630 " 1730	39	1000 - 2500 "	20 "	285°	15 "
1730 " 1830	37,38	2500 - 4500 "	20 "	260°	15 "
1830 " 2030	27,28	3000 - 5000 "	20 "	310°	15 "
0230 " 0300	8	9000 - 15000 "	20 "	310°	15 "

The total channel hours represented are 45 1/2 hours. Of this total 34 1/2 h. correspond with the Basic Plan with 48 hours allocated from 6 to 21 Mc/s.

Iran reserves the right to come back to Document No. 88 which it has cancelled for the time being.



For the Swiss Delegation

Dr. E. Metzler

Re/Ea

Firenze/Rapallo - 1950

COMMITTEE 3

HASHEMITE KINGDOM OF
THE JORDAN

Telegram received by the Chairman of the Conference :

"TO THE CHAIRMAN
HIGH FREQUENCY BROADCASTING CONFERENCE

81 AGO 4149 AMMAN 183/182
23 1430 ITC ==

Our Government approved that Syrian delegates represent this Administration in HF Broadcasting Conference now held under your chairmanship stop

In view of the fact that no frequencies have been assigned to the Hashemite Kingdom of the Jordan for high frequency broadcasting the channel hours required by the Jordan are as follows :

- (A) transmission to near countries up to one thousand kilometers area 39,5 to 7 GMT, 10 to 13 GMT, 15 to 20 GMT omnidirectional antenna power 5 kilowatt;
- (B) transmission to far countries up to three thousand kilometers areas 38, 39, 37,5 to 7 GMT, 10 to 13 GMT, 15 to 20 GMT omnidirectional antenna power 20 kilowatt;
- (C) transmission to South America areas 13, 14 and 15, 22 to 2 GMT;
- (D) transmission to England and France area 28, 16-20 GMT.

For C and D directional antennas gain 17 decibels, power 20 kilowatt total channel hours required 28 hours = POSTGEN+ "

Dn/Cp



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 114-E
1 May 1950

COMMITTEE 4

G U A T E M A L A

The Chairman of the Conference has received the following letter from the Administration of Guatemala:

Guatemala C.A.
19 April 1950.

Sir,

In the name of Guatemala, member of the I.T.U., I have the honour to bring to your notice the following:

As Head of the Delegation of Guatemala I participated in the first Session of the CIRAF in Mexico City. As most of the delegations who were then present know-and undoubtedly a large number of members of those delegations are now in Florence - eighteen delegations, including Guatemala, did not sign the Mexico City Agreement. In consequence, since I was unable to come to Florence myself, I will once more set forth the reasons for which my delegation could not accept the Frequency Assignment Plan of Mexico.

Before going into details, I beg to inform you, Sir, that I have received and carefully examined the phases of the Plan established in Paris by T.P.C., which consists of 6 volumes, corresponding to indices 12 and 40. This Plan comprises three parts, each part relative to one of the three seasons of the year. A study of these plans reveals to the full the arduous task carried out by the Committee. However, although I am unaware of the principles on which this work was based, I must admit that the modifications made to the plans submitted in Mexico City by the U.S.S.R. and the United States are relatively insignificant as far as my country is concerned, as both the Paris plans (12 and 40) allow us only a very small increase in the number of channel hours. Such readjustments would be involved that it is not possible for us to accept these new assignments. In fact, the method adopted means that Guatemala's transmission schedules are split up, even for transmissions over the same frequency. This applies in particular to the 6 and 9 Mc/s bands. Furthermore,

Dn/Km



for some seasons we have been allotted the same frequencies as certain neighbouring countries such as El Salvador, Mexico and other countries of Central America. This might give rise to interference, since, even by reducing considerably our radiated power, the distances in question are relatively short and would thus cause even greater confusion than that already existing in the ether.

As we stated during the Mexico Conference, we do not transmit any very heavily loaded programmes to other countries, but we wish, nevertheless, to possess some short wave frequencies, since we have learnt by experience that broadcasting is the most efficient means of propagating the present campaign against illiteracy undertaken by our Government.

Guatemala does not manufacture any radio equipment and therefore, we have to make great economies in order to procure this material from abroad. We know that large investments of capital would be necessary for the purchase of high power equipment for long waves, while, as all the members of the Technical Committee are well aware, our domestic broadcasting could reach the furthestmost parts of our country by means of short waves with limited power. Moreover, as I have already said in Mexico, 85% of our territory is mountainous and volcanic and cannot be reached by long waves with low power. As a result of the structure of our present radio service, we transmit continuous programmes of 16 and 17 hours' duration over the same frequency, so that we are obliged to have recourse to non-authorized frequencies for broadcasting, at the same time restricting the radiated power in order to reach certain regions of the country, with the hope of obtaining, through an equitable apportionment of the spectrum, the frequencies we need for the operation of the channels reserved for this service.

I would like to point out to the members of the TPC that we have never intended to hinder their efforts to reach a definite agreement, and that we fully appreciate the difficulties to be overcome in order to bring to a successful conclusion work such as that at present in course. This was also the case in Washington, where a spirit of general good will was manifested in order to reach a satisfactory apportionment of channel-hours. Therefore, I will endeavour once more to justify our vital requirements in such a way as to enable the Conference to meet them. Should this be the case, not only would I feel extremely gratified to have been able to contribute to the success of the present Conference and of the forthcoming Special Administrative Conference in 1950, but Guatemala would accept the Plan resulting from the work of this third session. In any case, as I have already said, I am sorry not to be able to be with you in order to affirm the requirements of my country and to avoid the difficulties which arose in Mexico and Paris, thus reaching a satisfactory solution to the present problem.

I beg to submit to you Guatemala's requirements, which consist of a summary of the original requirements and are as follows:

JUNE, DECEMBER AND EQUINOX SEASONS.

- GUATEMALA C.A. 5,955 kc/s for 1 kW (this could easily be shared with another distant country, in Eastern Europe for instance, still using enough power for the necessary range).
- GUATEMALA C.A. 5,985 kc/s for 1 kW (also easy to share with one or several stations beyond the desired range).
- GUATEMALA C.A. 6,005 kc/s for 5 kW (which could be shared with a station in Europe).
- GUATEMALA C.A. 6,025 kc/s for 1 kW maximum (easily shared with a station in Europe).
- GUATEMALA C.A. 6,045 kc/s for 500 watts (easily shared with European countries).
- GUATEMALA C.A. 6,075 kc/s for 1 kW maximum (This range would be sufficient for domestic requirements and the frequency could be shared with Europe).
- GUATEMALA C.A. 6,115 kc/s for 10 kW (according to the Paris Plans, this frequency has been assigned to Honduras, Uruguay and Chile, which proves that the result would be satisfactory for Guatemala technically speaking, and that the frequency could be shared with the other countries in Europe to which it has also been assigned.)
- GUATEMALA C.A. 6,145 kc/s for 5 kW maximum (In the Paris plans, assigned to Bolivia and Mexico for the Western hemisphere, and which we consider could be shared with other countries in the Eastern hemisphere).
- GUATEMALA C.A. 6,155 kc/s for 5 kW maximum (in the JUNE 12 plan, Guatemala has a few hours on this frequency, which it shares with Brazil, a relatively remote country and with El Salvador, an adjacent country. Therefore, Guatemala could use the same part of this channel as is already used by France, Tunisia and Denmark, without causing interference either by day or night, as we could reduce our power if necessary).

- GUATEMALA C.A. 6,175 kc/s for 1 kW maximum (this frequency could be shared with European countries, and, to help, bilateral agreements could be concluded with some of these countries to avoid interference).
- GUATEMALA C.A. 6,195 kc/s for 500 watts (in the Paris June and December Plans, there is no Central American country here, only South American countries such as Venezuela and Argentina, which are very far from Guatemala).
- GUATEMALA C.A. 9,505 kc/s for 5 kW (in the 12 Plan, this channel is assigned only to Chile and Venezuela in Latin America; there is room for a frequency for Guatemala).
- GUATEMALA C.A. 9,525 kc/s for 10 kW maximum (in the 12 Plan, this frequency is allotted in the first part only to European countries, with whom the same frequencies can be shared, since they are far distant).
- GUATEMALA C.A. 9,545 kc/s for 1 kW (in the 12 and 40 Plans, the whole of this channel is assigned to European countries, although they already enjoy the exclusive use of the 7 Mc/s band for their broadcasting services; it would seem, therefore, that this frequency should be more fairly shared).
- GUATEMALA C.A. 9,565 kc/s for 2 kW (in the 12 Plan, we note that only Cuba, Chile and Paraguay share this channel with European countries).
- GUATEMALA C.A. 9,595 kc/s for 2 kW (we observe that in the 12 Plan several frequencies have been assigned exclusively to the U.S.S.R. and some other countries, and that Mexico shares the same frequencies with Denmark. This proves that our proposal is feasible).
- GUATEMALA C.A. 9,615 kc/s for 1 kW (in this channel, adjacent frequencies have been assigned to Mexico and Argentina. Guatemala could therefore transmit with this power on the same frequency as Indo-China or any other distant country, without risk of interference).

- GUATEMALA C.A. 9,635 kc/s for 5 kW (almost all this channel is assigned to Europe and Asia, Central American countries being left the possibility of using adjacent frequencies).
- GUATEMALA C.A. 9,665 kc/s for a maximum radiated power of 1 kW (in the 12 Plan, no provision is made for sharing with American countries, and the whole channel is assigned to Europe).
- GUATEMALA C.A. 9,685 kc/s for 5 kW maximum (projected station) (in the June 12 Plan, the whole of this channel is assigned to Europe).
- GUATEMALA C.A. 9,705 kc/s for 1 kW (in the June 12 Plan, only seven hours are assigned to us in this channel, and it would probably be possible to grant us the 16 hour transmitting schedule we need).
- GUATEMALA C.A. 9,735 kc/s for 1 kW (channel assigned to various Latin American countries, which also share it with European countries).
- GUATEMALA C.A. 9,755 kc/s for 5 kW (in the June 12 Plan, we have only 7 hours for transmission in this channel, but we should like the length of this programme increased to 12 hours, if possible).
- GUATEMALA C.A. 11,715 kc/s for 1 kW (there is enough space in the Paris Plan).
- GUATEMALA C.A. 11,735 kc/s for 2 kW (in the Paris June, December and Equinox Plans, enough space is provided).
- GUATEMALA C.A. 11,805 kc/s for 5 kW (enough space is provided in the Paris December and Equinox Plans).
- GUATEMALA C.A. 11,835 kc/s for 2 kW (channel assigned to European broadcasting and only to Brazil in Latin America).
- GUATEMALA C.A. 11,855 kc/s for 10 kW (in the Paris Plans, the only Latin American country to occupy this channel is Mexico).
- GUATEMALA C.A. 11,915 kc/s for 10 kW (projected station).
- GUATEMALA C.A. 11,965 kc/s for 5 kW (the Paris Plans provide sufficient space).
- GUATEMALA C.A. 15,155 kc/s for 5 kW (we consider that it is possible to share this channel with the East European countries indicated in the Paris 12 Plans).
- GUATEMALA C.A. 15,205 kc/s for 2 kW (it is evident that the June and December 12 Plans provide sufficient space in this channel for a transmission with the power indicated).

GUATEMALA C.A. 15,325 kc/s for 1 kW.

GUATEMALA C.A. 15,365 kc/s for 10 kW.

GUATEMALA C.A. 17,715 kc/s for 1 kW.

GUATEMALA C.A. 17,825 kc/s for 1 kW.

GUATEMALA C.A. 17,875 kc/s for 5 kW. (In this channel, Guatemala has been assigned four hours which it is to share with a certain number of other countries; considering the power of our station it would be possible to lengthen this transmission schedule without causing interference to countries using the same channel.)

GUATEMALA C.A. Five frequencies in the 21 Mc/s band, where only three hours of transmission have been assigned to us on the 21,485 kc/s channel; in the Paris Plan for sunspot number 12 and the three seasons it will be seen that there are no requirements in that frequency band).

That, Sir, is my summary of the requirements submitted by my country to the C.I.R.A.F.; I would add that it is precisely because our broadcasting services have only low-powered equipment, that we have requested an uninterrupted transmission schedule of 17 hours. I would also point out that the channel hours with which it is possible in practice to cover our national territory and part of South America, Central America and part of Mexico, using low power transmitters, are in the 6 Mc/s band, and so you will notice that most of our requirements are for frequencies in this part of the spectrum. We repeat that our Administration will be in a position to accept the Mexico City-Paris-Florence Plan only if it provides for the transfer to frequencies in this band of all the broadcasting stations of our country operating at the present time in bands other than those reserved for broadcasting by the Atlantic City Radio Regulations. Our Administration has found it absolutely necessary to operate these stations on frequencies of this type since other channels were not available owing to the present distribution of broadcasting bands. Experience has, moreover, proved that such stations have been able to operate without causing harmful interference to other countries, for when assigning frequencies to broadcasting stations on its national territory Guatemala has made allowance for all factors connected with interference;

thus we are taking the liberty of suggesting to the T.P.C. and the third session of the Plan Committee that, if it is in fact possible to apply the REPETITION system envisaged in Washington to frequencies for the fixed and aeronautical services etc. as well as to tropical broadcasting - and this in spite of the different propagation characteristics of the tropical broadcasting bands and the high frequency bands - it is also possible to take into consideration, in our case, the time and distance factors, coupled with our desire to come to an agreement and fix the transmission power for each programme category. It must not be forgotten, moreover, that we have a tourist industry, and that we transmit to countries outside the American continent, for which we shall be using the highest frequencies and transmitters that are powerful enough to cover the requisite distances.

I would take this opportunity to send my greetings to the delegates, and to wish the Conference every success.

Yours faithfully,

Felix P. Monteagudo
Inspector General of Posts and Telecommunications.

Firenze/Rapallo - 1950

Report by Committee 3
(Requirements Committee)
to the Plenary Assembly

1. Committee 3 was set up by the Plenary Assembly at its meeting on 4 and 6 April 1950.

The Requirements Committee had to consider, coordinate and standardize the presentation of requirements submitted, in accordance with Items 3(b) and 3(c) of the Conference Agenda (Document 22), and to report on these as soon as possible. The Assembly urged Committee 3 to make every effort to finish its work by the end of April (cf. Document 27).

2. Mr. Daumard (France) was appointed Chairman of Committee 3, the vice-chairmen being Mr. Green (New Zealand) and Mr. Lopez (Venezuela).

45 delegations took part in the work of the Committee as members or observers (list in Document 33 revised).

3. Committee 3 held 7 meetings : on 11, 12, 13, 15, 26 and 28 April and 8 May 1950.

4. During the first three meetings, two working groups were formed.

4a. The first working group, Group 3A, with Mr. Cairns (Canada) as Chairman, comprised the delegates of the U.S.A., Mexico, France, Italy, the United Kingdom, Pakistan, Australia and India, and the United Nations Observer.

At the meeting on 12 April (Document 46) the Group's terms of reference were fixed as follows:

"To examine the modified requirements submitted as a result of recent circumstances which have arisen since the original requirements were submitted in Mexico, to analyse these requirements, to summarize and assess the arguments put forward by countries in support of these new requirements and to submit a report to Committee 3 by 25 April at the latest. During its work, the Group may interview individual delegations should this prove necessary."

4b. The second Working Group, Group B, with Mr. Green (New Zealand) as Chairman, consisted of the delegates of Denmark, the Belgian Congo, Indonesia, Uruguay and Venezuela.

At the meeting on 13 April (Document 68) the Group's terms of reference were fixed as follows :

"To consider requirements submitted in special cases by countries such as Israel, Jordan and Yemen, who were unable to make their needs known at the time of the Mexico City Conference; to analyse these requirements, and to make a report to Committee 3 by April 28th at the latest. In the course of its work the Group will conduct all necessary interviews."

5. At its third meeting (13 April) (Document 68), Committee 3, after considering Document 35 setting out the Portuguese Delegation's suggestion regarding the classification of requirements, instructed Working Groups 3A and 3B to examine the proposal and submit suggestions to the Committee. Those suggestions, appearing in Document 47, were studied at the 4th meeting on 15 April (Document 69).

At that moment in Group 3A, there arose difficulties concerning the interpretation of their terms of reference. These difficulties were ruled out by the Committee which specified that Group 3 A should "examine the requirements aiming at modification of the Basic Plan" (Doc. 69).

6. Moreover, after having considered the examination of the Portuguese proposals by Group 3A, Committee 3 decided to specify the terms of reference of that Group by adopting the following resolution : (Doc. 69).

"The Group will have to consider the following requirements :

- 1) Requirements of countries which, having previously presented requirements and having received assignments in the Basic Plan :
 - a) have accepted the Basic Plan, but consider that amendments to this Basic Plan have become necessary in so far as they are concerned, in view of circumstances that have arisen since the submission of requirements at the Mexico City Conference;
 - b) have not accepted the Basic Plan, and consider it necessary to submit now new requirements in view of circumstances that have arisen since the submission of their requirements in Mexico City.
- 2) Submissions made by countries in accordance with Document 32 will be related by Group 3A to Basic Plan of Mexico City and will, if not already so marked, be annotated in agreement with Delegations so concerned by the Group to show (a) deletions, (b) additions, (c) modifications (exchange of one channel hour for another in the same or different band, etc.)

3) The Committee recommends that such delegations as find it necessary to make submissions should do so graphically on Forms A as used at Mexico City with additional space for remarks in fulfilment of the preceding paragraph. Alternatively these submissions will be entered on Forms A by the Group if made available in another form more convenient to the country concerned."

7. The requirements of countries have been submitted directly by the Secretariat of the Conference to the appropriate Working Groups, as arranged with the Chairman of Committee 3.

Three of them require special consideration:

- a) The requirements of Palestine submitted by the Delegation of Egypt.
(Document No. 31).

As Committee 3 did not consider itself competent to decide whether or not these requirements could be accepted, it was agreed to refer this case to the Chairman of the Conference. (See Note annexed to Document No. 69).

- b) Requirements for Jordan and Yemen, submitted by the Delegation of Syria.
(Document No. 89).

As the cases of Jordan and Yemen had been especially included in the terms of reference of Working Group 3 B, Committee 3 decided to request Working Group 3 B to consider these requirements, pointing out that according to the letter from the Delegate of Syria, the requirements had yet to be officially confirmed, and therefore, any decisions reached by the Group could only be of a provisional nature and would have to be confirmed later by the Plenary Assembly.

8. The fifth meeting of Committee 3 on 26 April was only a short informative meeting, as the Working Groups had not been able to complete their work by that date.

9. The sixth meeting of Committee 3 on 28 April was devoted to the consideration of the final report of the Working Groups.

9a. The report of Working Group 3 A appeared as a published document (Document No. 97). In accordance with its terms of reference, the Group has examined and analysed the modified requirements submitted by the Administrations of the 29 countries, territories, etc., listed in the above mentioned document.

Committee 3 adopted this report with one amendment made at the request of the Delegate of Indonesia. In the case of this country, the paragraph "Circumstances" should read as follows :

Dn/Rg

Indonesia

Circumstances : Political: change of regime, an independent federation of several states replacing a central government controlled by the Netherlands.

Technical: need for a new nation to have programme continuity in the various phases of the Plan.

9b. It was not possible for the Report of Working Group 3 B to be published as a document early enough for the Committee to have it available on 28 April. (Document No. 103).

As this Group had to examine the cases of only three countries, the Committee decided that the Chairman of the Group should simply read out his report, which was then discussed and finally adopted without alteration.

10. The reports of Working Groups A and B, together with this paper, constitute the Report of Committee 3 to the Plenary Assembly. The Committee requests that these documents be approved, but feels that it should point out that, in accordance with its terms of reference, it has analysed the requirements submitted to it, and has tried to produce a working document to help Committee 4; to set at rest completely certain fears which have been expressed, it confirms that this document is not intended to replace the requirements themselves, which still remain the only official expression of the claims made by the various countries.

11. When the Plenary Assembly has come to a decision on the three special cases mentioned which have still to be finally disposed of (Palestine, Jordan and Yemen), Committee 3 will be able to meet again to deal with the problem and so completely fulfill the duties entrusted to it. The Committee would suggest, however, in order not to waste any time, that the very limited amount of extra work involved should be given to Committee 4, which will then have this report before it.

12. If the Plenary Assembly considers that Committee 3 has executed its terms of reference, its Chairman has a very pleasant duty to perform. Its task has, in fact, been accomplished in due time thanks to the devotion of the Chairmen of the Working Groups, Mr. Cairns and Mr. Green, to the unstinted help they received from the members of their groups, and to the understanding and good will of all the members of Committee 3.

The Chairman of Committee 3 would therefore like to extend his thanks to them, to the rapporteurs, Mr. Sponzilli and Mr. Gordon, the members of the Secretariat and the interpreters who took part in the work of the Committee.

(signed) L. Daumard
Chairman of Committee 3

Dn/Rg

1 May 1950.

REQUIREMENTS COMMITTEE

Minutes of Sixth Meeting, 5.15 p.m.

April 28, 1950

Chairman : M. Daumard (France)

Vice-Chairman : M. Schippers (Indonesia)

Vice-Chairman : M. Lopez (Venezuela)

1. Working Group Final Reports

1.1 Working Group 3 A -

(a) Final report adopted after discussion participated in by the Chairman of the Committee, the Chairman of the Working Group, M. Cairns, and the Delegates of Indonesia, France, Belgium, India, Yugoslavia and Egypt; and deletion of one sentence concerning New Guinea under Indonesian statement.

(b) Question arose as to whether Document 97 should constitute the official opinion of countries listed. Decided. The statements included constitute a working document. The official attitude of a country is reflected in its individual file which is available for consultation.

(c) Following statement delivered for the record by the Egyptian delegate on behalf of the Lebanon :

"Lebanon did not attend Mexico City Conference and nobody defended its needs there, which has the consequence as an example that the assignments in the Basic Plan do not show the reception zones.

These assignments do not correspond to the essential requirements of Lebanon."

(d) Following statement delivered for the record by the delegate of

Dn/Vt



Indonesia concerning New Guinea, and Indonesia's requirements :

"I am very grateful to Mr. Cairns for informing this meeting that the last sentence concerning circumstances which have led the Indonesian Government to present modified requirements to this Conference has to be deleted and I think it necessary to explain you why.

The information given by the Indonesian Delegation in documents and in writing is not referring to the present status of New Guinea. The word "New Guinea" is not even mentioned and my delegation had very particular reasons for doing so.

These reasons are the following:

In the Basic Plan the only assignment to New Guinea is in the 7 Mc/s band, channel 13, frequency 7225, from 02 till 06 GMT, which assignment is of no importance at all, because it is possible to broadcast in New Guinea during that period without any difficulty on the same frequency as was assigned to our Medan transmitter.

Our second reason, however, is of more importance. As everyone knows New Guinea remains only temporarily, I repeat, temporarily, under Dutch control. It is the explicit wish of our Government that it will form an integral part of Indonesia before the end of this year. This fact was taken into account when we were making our modified requirements.

For these reasons, Gentlemen, I may assure you, that if New Guinea was already at present a part of Indonesia no changes would be made in these requirements.

Therefore I should like that it will be recorded in the minutes of this meeting that the present temporary status of New Guinea has nothing to do with presentation of modified and reduced requirements by the Indonesian Government at this Conference.

The reasons for reducing our requirements are clearly indicated in Document 64. From this Document it also appears that Indonesia needs more channel hours than the number assigned to it in the Basic Plan, but taking the reality into account that this Conference can only be successful, if all countries are making further sacrifices, it based its modified requirements on the number of channel hours assigned to Indonesia in the T.P.C. Plan for December sunspot 12 to ensure that it will have at its disposal through all seasons with solar activity 12 and 40 a continuity of programmes which is of vital importance for the national broadcasting of the new Nation.

Therefore the circumstances under the heading "Indonesia" on page 3 of the report have to read as follows :

INDONESIA

Circumstances :

Political : Modification of political structure, Government

now changed from a centralized government under Dutch control to that of an independent federation of states.

Technical : The necessity and vital importance for the new Nation of having continuity in national programmes through all seasons with solar activity 12, 40 and 70.

The Indonesian Delegation is of the opinion that the reasons and the importance of our modified and reduced requirements are underestimated and therefore thinks it useful to state that if our sacrifices are not rated by this Conference at their true value the Indonesian Delegation reserves the right to present modified requirements based on the assignments to Indonesia in the Basic Plan. Furthermore it associates itself with the reservation made by the Indian Delegation as recorded in Annex B on page 16 of the report of the Working Group."

1.2 Working Group 3 B

(a) After discussion participated in by Chairman of the Committee, the Chairman of the Working Group, Mr. Green, and the Delegates of Egypt, Pakistan, France, and India, the final report of Working Group 3 B was accepted after a vote with 26 in favor, 3 opposed, and 7 abstentions.

(b) The cases of Israel, Yemen, and of Jordan were discussed at some length since it had appeared that the Group had exceeded its terms of reference in arriving at the following reported results :

(c)

	<u>Channel hours requested</u>	<u>Recommended by Group 3B</u>
Israel	75	52
Jordan	28	18
Yemen	24	16

(d) Group Chairman reported no official information had yet been received from Jordan or Yemen; that figures for Israel were worked out in agreement with Israeli delegate; that Group had followed through on impressions received from the Committee, and that all figures, of course, remained somewhat tentative.

(e) Decided. Reports of the Working Groups will be incorporated in Report of Committee 3 for submission to Committee 4 (phases of the Plan), through the Plenary Assembly.

(Doc. No.116-E)

2. In reply to inquiry from Chairman of Working Group 3 A, Committee Chairman stated that since the reports of Group 3 A and Group 3 B have been approved, the two Groups had satisfactorily complied with their terms of reference.
3. Delegate of Belgium requested that the various country files should be protected against loss by transmitting them to the Secretariat upon completion of the Committee's work. The Committee Chairman requested the Chairmen of Working Groups 3 A and 3 B to hand the files to the Secretariat.

The meeting rose at 6.25 p.m.

Rapporteurs :

Bailey P. Gordon
L. Sponzilli

Approved :

M. Daumard,
Chairman.

Dn/Vt

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.117-E
2 May 1950

S Y R I A

The Chairman of the Conference has received from the Delegate of Syria the following communication :

Florence, 29 April 1950

"Chairman of the International
High Frequency Broadcasting Conference,
Florence.

Sir,

I beg to inform you that document No.31 submitted by Egypt represents the requirements of Arabian Palestine and would ask you to bring this fact to the notice of the Conference.

The Delegation of Syria states that it fully endorses the requirements contained therein.

As my Delegation has the honour to represent officially the Hashemite Kingdom of Jordan, this statement is fully valid for that country.

Yours very truly,

(signed) : Samih Mousily
For the Delegation of Syria".



International High Frequency
Broadcasting Conference

Document No. 118-E
2 May 1950

Firenze/Rapallo - 1950

I S R A E L

The Chairman of the Conference has received from the
Israeli Delegation, the following letter:

Florence, 2 May 1950

The President,
International High Frequency
Broadcasting Conference

Sir:

With reference to Document 31 of 11 April 1950, I
should like to submit the following proposal:-

"New requirements of countries should NOT be dealt
with unless submitted by their competent Administrations
or Delegations duly authorised on their behalf."

I wish to point out that the requirements submitted by
the Egyptian Delegation in Document No. 31 refer to NO existing
country and were submitted on behalf of NO existing Administra-
tion, their discussion would therefore serve NO useful purpose
and would be totally unrealistic.

In view of this I propose to postpone the consideration
of said requirements until a decision has been taken by the
Plenary Assembly of the Conference.

I shall be glad if this letter will be regarded as
replacing my letter of the 12 April 1950 on the same subject.

I shall be grateful if the contents of this letter
could be brought to the notice of the Delegations.

Yours truly,

(signed) E. RON
Israeli Delegation

Dn/Cé

Conférence internationale
de radiodiffusion à hautes fréquences
Firenze/Rapallo - 1950

Addendum No 1 au
Document No 119-F
8 mai 1950

HORAIRE DES SEANCES, ajouter:

Mardi 9 Mai:

10 h 00

W.G. 5 B

Salle B

International High Frequency
Broadcasting Conference
Firenze/Rapallo - 1950

Addendum No 1 to
Doc. No. 119 - E
8 May 1950

TIME TABLE OF MEETINGS, add:

Tuesday 9 May:

10 a.m.

W.G. 5 B

Room B

Conferencia Internacional
de Radiodifusión por Altas Frecuencias
Firenze/Rapallo - 1950

Addendum Núm. 1 al
Documento núm. 119-S
8 de mayo de 1950

HORARIO DE SESIONES, añádase:

Martes 9 de mayo:

10 horas a.m.

W.G. 5 B

Sala B

/Ve



International High Frequency
Broadcasting Conference

Document No.119-E
7 May 1950

Firenze/Rapallo - 1950

TIME TABLE OF MEETINGS

from Monday 8 to Wednesday 10 May 1950

	<u>Morning</u> <u>10 a.m.</u>		<u>Afternoon</u> <u>4 p.m.</u>	
	<u>Committee</u>	<u>Room</u>	<u>Committee</u>	<u>Room</u>
Monday 8	Committee 1 :	A	Committee 3 :	A
	W.G. 4 A		W.G. 4 A	
	s/G 1 :	2	s/G 1 :	2
Tuesday 9	W.G. 2 :	3	Committee 4 :	A
Wednesday 10	Plenary :	A	Plenary :	A

Rooms A & B : Kursaal (rooms with simultaneous interpretation)

Rooms 1, 2, 3, 4 : Excelsior

W.G. = Working-group

s/G = Sub-Group



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 120-E
8 May 1950

U. S. S. R.

The Secretary General of the I.T.U. has received the following telegram from the Ministry of Posts and Telecommunications of the U.S.S.R.:

"Further to the statement by the Delegate of the U.S.S.R. at the first Plenary Assembly of the High Frequency Broadcasting Conference, the P.T.T. Administrations of the U.S.S.R., the Ukrainian S.S.R. and the Bielorussian S.S.R. beg to inform you that, in their opinion, the fact that this Conference is being held in Florence with the participation of the representatives of the reactionary Kuomintang clique is illegal.

Consequently, the P.T.T. Administrations of the U.S.S.R., the Ukrainian S.S.R. and the Bielorussian S.S.R. will not contribute towards the expenses incurred by this Conference = Minsviaz +"



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.121-E
8 May 1950

PEOPLE'S REPUBLIC OF HUNGARY

The following telegram has been received by the Secretary General of the I.T.U. from the Administration of the People's Republic of Hungary :

"In view of the fact that at the International Broadcasting Conference of Florence China is represented by delegates of the so-called Nationalist Government and delegates of the People's Democratic Government are not admitted, the Hungarian Administration will not participate in the meetings and in consequence declines to contribute to the expenses of this Conference. Request you not to debit our Administration with these expenses.

Our reference 7922/A/6-8".

Dn/Vt.

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 122-E
8 May 1950.

CZECHOSLOVAKIA

The Secretary General of the I.T.U. has received the following telegram from the Czechoslovak Administration:

"From Minpost Prague to Burinterna Geneva

Sir, further to the statement by the Czechoslovak Delegation to the Plenary Assembly of the High Frequency Broadcasting Conference in Florence on 4 April I have the honour to inform you that the Czechoslovak Administration considers illegal the convening of this Conference to which the representatives of the Kuomintang have been invited stop Consequently, the Czechoslovak Administration will not contribute towards the expenses of the Conference stop No 1672/50"

COMMITTEE 1

Working Group 4 A, Special Group 2

REPORT ON THE STATUS
OF BILATERAL AGREEMENTS

Analysis of Problem

1. Allocation based on bilateral agreements were a portion of the Mexico City basic Plan before the Agreement was signed and before reservations were made.
2. Despite the declarations made in Appendix 3 of the Mexico City Agreement, grave difficulty has been experienced by the TPC in
 - a) defining the exact status of assignments under these bilateral agreements;
 - b) producing the actual agreements themselves and definitely fixing the priority of use which should be given in certain assignments.
3. The submissions which were made by certain delegations at the initial sessions of this Conference as well as at the Paris T.P.C., have greatly altered the background in which the problem of bilateral agreements must be considered.
4. Whatever the strict legalistic position, it is likely that, if the assignments obtained at Mexico City as a result of bilateral agreements are not viewed as forming an integral part of the basic Plan from which other phases are projected, equivalent requirements will be submitted by the nations concerned. These will be dealt with as deemed desirable by the Conference.

Conclusions

5. In the above circumstances, there seems little point in devoting time and effort in this Conference to resolving the exact status of bilateral agreements incorporated in the Mexico City Plan as a basis for projections before the final procedures of this Conference have been agreed upon.

E.H.R. GREEN
CHAIRMAN

Firenze/Rapallo - 1950

COMMITTEE 3

The Chairman of the Conference has received the following letter from the Chairman of Committee 3 (Requirements):

"Dear Sir,

At the third meeting of Committee 3 the Delegate of Israel asked the Committee to decide that :

- new requirements of countries should not be dealt with unless submitted by their competent Administrations,

As this proposal implies, the Delegate of Israel was referring to Palestine's requirements as submitted by Egypt in Document No. 31.

In reply to this request, the Chairman of Committee 3 stated that he considered that it was not for the Committee to decide; he felt the matter was the province of the Plenary Assembly of the Conference alone. His view was shared by the Committee as a whole, and it was decided to send a note to the Chairman of the Conference to this effect.

The Committee also decided that its role should be strictly confined to a study, in conformity with its terms of reference, of the requirements transmitted to it by the Chairman of the Conference. In the circumstances I should be very grateful if, for the sake of good order, you would forward to Committee 3 countries' requirements which you consider should be studied by the Committee.

I remain, Sir,

Your obedient Servant,

L. DAUMARD

Chairman of the Requirements Committee



Firenze/Rapallo - 1950

A G E N D A
of the
Eighth Meeting of the Plenary Assembly
10 May 1950, 10 a.m.

1. Provisional report by the Chairman of Committee 2 (Credentials)
2. Consideration of the report by Committee 3 (requirements) (Doc.No.115)(*)
3. Provisional report by the Chairman of Committee 4 (Phases of the Plan) (*)
Question as to how assignments made to countries not represented at the Conference, or having left it, should be considered (see Doc. No. 53)
4. Frequency requirements for Palestine submitted by the Egyptian Delegation (Doc. No. 31)
Letter from the Syrian Delegation to the Chairman of the Conference (Doc. No. 117)
Letter from the Delegation of the State of Israel to the Chairman of the Conference (Doc. No. 118)
Letter from the Chairman of Committee 3 to the Chairman of the Conference (Doc. No. 124)
5. Telegrams to the Secretary General of the I.T.U. from the Administrations of the U.S.S.R., the Bielorussian S.S.R., the Ukrainian S.S.R. (Doc. No.120), the Hungarian P.R. (Doc. No. 121) and Czechoslovakia (Doc. No. 122) announcing their refusal to contribute towards the expenses of the present Conference
6. Approval of the Minutes of the first seven meetings of the Plenary Assembly (Doc. No. 56, 57, 58, 59, 60, 61 and 62)
7. Any other business.

- (*) When the reports by Committees 3 and 4 are submitted, the Plenary Assembly will consider the question of frequency requirements for the British Zone of Occupation of Germany and that of the policy to be adopted for the future work of the Conference.

IMPLEMENTATION COMMITTEE

Report of the Third Meeting,
held on 28th April, 1950

-:-:-

Chairman:	Mr. Fryer	(United Kingdom)
1st Vice-Chairman:	Mr. Otterman	(United States of America)
2nd Vice-Chairman:	Mr. Kenna	(Australia)

1. The meeting was opened at 4.5 p.m. and the minutes of the first and second meetings (Documents Nos. 40 and 67) were adopted without amendment.

2. The Chairman apologised for not having obtained the Committee's approval of his letter to the Chairman of Committee 4 (Document No. 48) regarding the questions which Committee 5 wished to refer to the Technical Sub-Committee before sending it to the Chairman of Committee 4. He explained that he omitted to do so only in the interests of expediency. The Committee approved Document No. 48 subject to a correction of the French text which had already been discussed at the third meeting of Committee 4 (see Document No. 83).

3. Mr. Leotte (Portugal) the Chairman of Working Group 5A gave a brief report of the progress of the work of his group. Belgium, Colombia and India were added to the list of delegations taking part in the work of the Group.

4. The Chairman explained that at the third meeting of Committee 4 held on the 18th April (Document No. 83 paragraph 8.11) the findings of the T.P.C. on the question of the International Coordination of Transmission Times had been referred to Committee 5 for consideration. It was agreed to refer this question to a small working group to be known as Working Group 5B with the following terms of reference:

"To consider the findings of the T.P.C. as given in Section 4.1 of the Final Report of its Florence session (T.P.C. Document No. 32) relating to the question of the International Coordination of Transmission Times and to submit recommendations thereon to Committee 5."

5. It was also agreed that the membership of this Group would be as follows:

Pakistan
Indonesia
Switzerland
Morocco and Tunisia
Colombia
United States of America

Chairman



6. The meeting was adjourned at 4.35 p.m.

J. Siller
Rapporteur

P.W.F. Fryer
Chairman

COMMITTEE 4

PHASES OF THE PLAN COMMITTEE

Report of 4th Meeting

26 April 1950 - 10 a.m.

Chairman : Mr. Arboleda (Colombia)
1st Vice-Chairman : Mr. Sastry (India)
2nd Vice-Chairman : Mr. Leotte Tavarès (Portugal)

1. Document 83 - Report of 3rd Meeting, 18 April 1950 approved without comment.
2. Document 87 - The First Report of the Technical Sub-Committee of Committee 4 was presented by its Chairman, Mr. Sastry (India). At the suggestion of the delegate of U.K., paragraph (a) was corrected to read as follows:

- (a) The OWF curves of the Mexico City Conference have been correctly derived from the data on which they are based, subject to the incidental and negligible mechanical errors which are likely to occur in mass calculations of such volume.

At the suggestion of the delegate of the Belgian Congo, paragraph (b) was corrected to read as follows:

- (b) The field strength curves are also generally correct in accordance with the documents which have been used for their calculation and reliable except for some printing errors that have crept in regarding the subdivision of the dotted and full line portions of these curves.

Whereupon the report, as modified, was adopted.



Mr. Sastry called attention that additional field strength data had been made available by the delegation of U.S.A. and expressed grateful appreciation to that delegation for its valuable contribution to the work of the Conference.

The matter of duplication of these data, which would involve the preparation of 150 copies (6 curves for 154 parts, 924 sheets) was referred to the next Plenary Assembly.

3. Report of Technical Sub-Committee on Doc. '79

Mr. Sastry (India), Chairman, stated that the Technical Sub-Committee had not yet completed its study of this document and added that the same was true of documents 72 and 89, which had been similarly referred to it.

4. Report of Working Group

Dr. Metzler (Switzerland), Chairman, reported in general terms that the work of the Committee was progressing and that its terms of reference would be carried out.

4.1 Sub-Group 1

Mr. Axon (U.K.), Chairman of Sub-Group 1, presented a preliminary report (Doc. 86) and asked for additional directives as to:

1. Course of action on Parts 5 and 6 of Document 86.
Action: on agenda for next Plenary Session.
2. Whether the sub-group should present a clear picture (graph form) of bandloading.

After lengthy discussion participated in by the Chairman, the first Vice-Chairman and delegates of U.K., Netherlands, Syria, France, it was decided that the terms of reference for the Working Group should be modified to read as follows:

"To review the Final Report of the T.P.C., and to analyse the written comments that have been received or that will be received from delegations until the date set by Committee 4 at its first session. The Group shall obtain any necessary data by means of interviews with the delegations and shall complete its work within the time limit stipulated by the Committee.

4.2 Sub-Group 2 - No report.

4.3 Sub-Group 3

Dr. Metzler pointed out that Mr. Sastry had submitted this report - Document No. 73.

5. At the request of the delegate of Portugal, the Chairman called a meeting of Working Group 2 of the Technical Sub-Committee at 4 p.m. April 26.

The Committee rose at 12.30 p.m.

Rapporteurs: J. Gilbert
G. Pointeau

Chairman:
C.E. Arboleda

COMMITTEE 1

STEERING COMMITTEE

Minutes of the 2nd Meeting

8 May 1950, at 10 a.m.

-
- QUESTIONS DISCUSSED :
- 1) Speeches of thanks and welcome.
 - 2) Minutes of the 1st Meeting, held on 26 April 1950 (Doc. No. 98).
 - 3) Agenda of the Plenary Assembly of the Conference, to be held on Wednesday, 10 May 1950.
 - 4) Working schedule.
-

Chairman : Mr. G. Gneme, First Vice-Chairman of the Conference, replacing Professor Vallauri.

Vice-Chairmen : Mr. J. Paul Barringer (United States Territories).
Mr. Z.A. Bokhari (Pakistan).

Secretary : Mr. J. Millot.

Also present : Mr. G. Spataro, Minister of Posts and Telecommunications of the Italian Republic and Honorary Chairman of the Conference.
Mr. L. Mulatier, Secretary General of the I.T.U.

Dn/Rg



1. Speeches of thanks and welcome.

The Chairman thanked Mr. G. Spataro, the Minister of Posts and Telecommunications of the Italian Republic and Honorary Chairman of the Conference for having come to the meeting.

He also welcomed Mr. Alfredo Perito, the Paraguayan Consul-General at Genoa, to represent his country at the Conference.

Mr. Alfredo Perito (Paraguay) thanked the Chairman and wished the Conference success.

2. Minutes of the 1st Meeting held on 26 April 1950 (Doc. 98).

The Minutes would be submitted to the Committee for approval at its next meeting.

3. Agenda of the Plenary Assembly of the Conference (Wednesday, 10 May 1950).

After a short discussion, the Committee adopted the following agenda for the Plenary Assembly to be held on 10 May 1950 :

- 1. Provisional report by the Chairman of Committee 2 (Credentials).
- 2. Consideration of the report by Committee 3 (Requirements) (Doc. 115).
- 3. Provisional report by the Chairman of Committee 4 (Phases of the Plan).
Terms of reference of Committee 4; method of assigning frequencies to countries not represented at the Conference (Doc. 53).
- 4. Frequency requirements for Arabian Palestine submitted by Egypt (Docs. 31 and 117); letter from the Chairman of Committee 3 to the Chairman of the Conference (Doc. 124); letter from the Delegation of Israel (Doc. 113).
- 5. Telegrams from the P.T.T. Administrations of the U.S.S.R., the Bielorussian S.S.R., the Ukrainian S.S.R., the Hungarian P.R. and Czechoslovakia announcing that they would not contribute towards the expenses of the Firenze/Rapallo Conference.
- 6. Approval of the Minutes of the first seven meetings of the Plenary Assembly (Docs. 56 - 62).
- 7. Any other business.

Mr. Fryer (United Kingdom) said that a representative from the British Zone of Germany would shortly be coming to the Conference to indicate its requirements, and at his request, it was decided that the question would be considered by the Plenary Assembly in conjunction with Items 2 and 3 on the agenda.

At the request of Mr. Van den Broek (Netherlands), the Chairman confirmed that during the consideration of Items 2 and 3 on the agenda, the Plenary Assembly would also discuss the way the work of the Conference was to be conducted in the future.

4. Working schedule.

Mr. Daumard (France) stated that, if the Plenary Assembly approved the final report of Committee 3, of which he was the Chairman, the Committee's work would be at an end.

Mr. Arboleda (Colombia) asked to be allowed to discuss the working schedule of Committee 4 (Phases of the Plan) with the Chairman and the Secretary, since it largely depended on what the Plenary Assembly decided with regard to the terms of reference of the Committee.

At the request of Mr. Fryer (United Kingdom), the Chairman of Committee 5 (Implementation), it was decided that Working Group 5 B under Mr. Aziz (Pakistan) would hold two meetings during the week, the first being on Tuesday, 9 May, and that simultaneous interpretation would be available.

The meeting rose at 10.40 a.m.

G. Tripet
Rapporteur

J. Millot
Secretary

Seen:
G. Gneme
Vice-Chairman of the
Conference

Dn/Rg

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Addendum No. 1
to Document No. 129-E
27 May 1950

COMMITTEE 4

GROUP 2 OF THE TECHNICAL SUB-COMMITTEE

Annex to Document No. 129

In accordance with the request made by Committee 4, Group 2 of the Technical Sub-committee is publishing, as an Annex to Document No. 129 the graphs showing the annual variation of O.W.F. for some typical circuits in the basic Plan, for a sunspot number of 40. For each circuit mentioned above, two curves are drawn, corresponding to 0000 and 1200 hours, local time at the middle of the path.

These graphs have been prepared according to the CRPL data (June 1949 to June 1950) supplied by the U.S.A. Delegation.

The frequencies shown in these graphs are those obtained by conversion from the MUF for sunspot 105 to the OWF for sunspot number 40. The correction factor is 60 % :

85 % corresponding to the ratio OWF/MUF , and
70,5 % corresponding to the ratio $OWF 40/OWF 105$

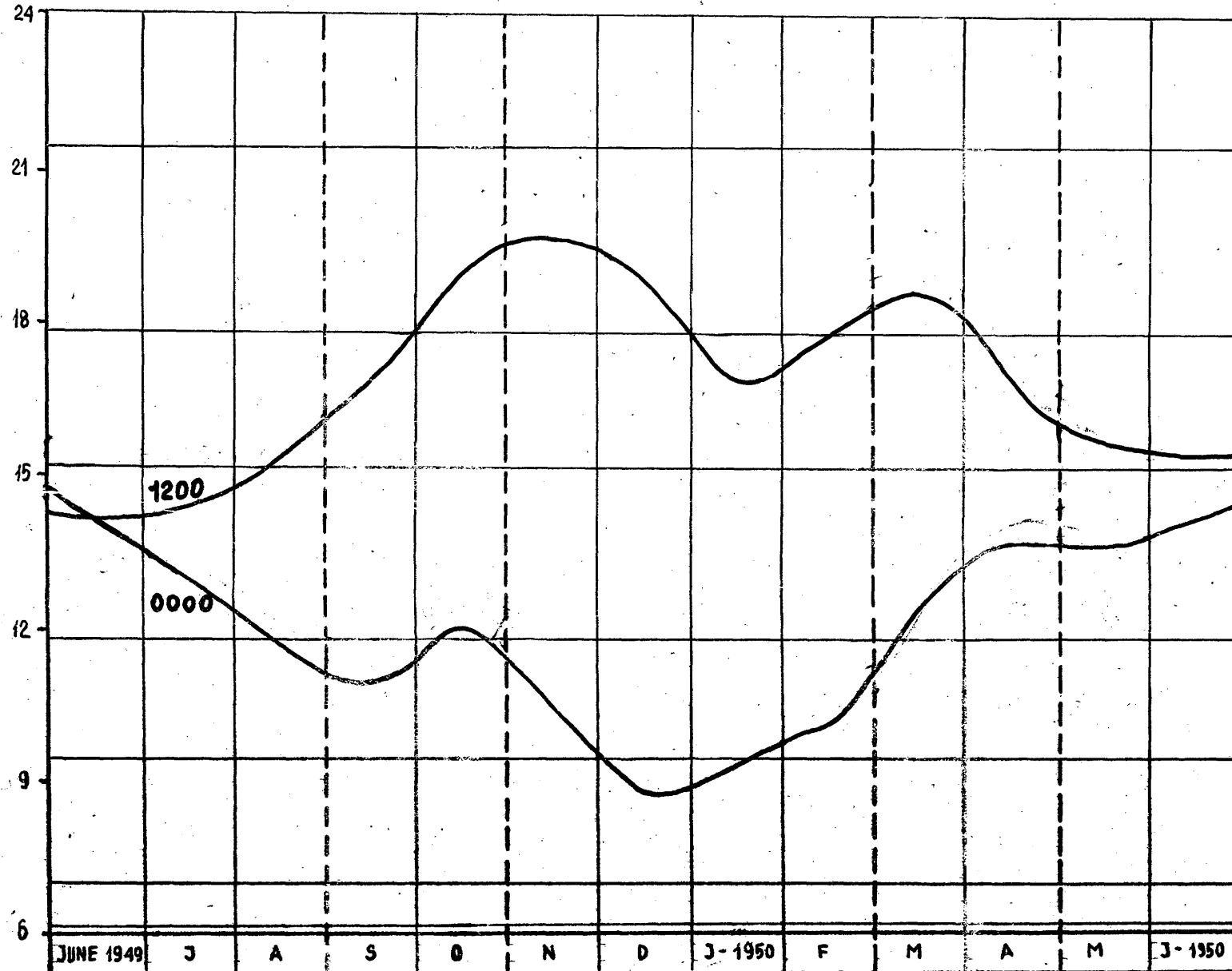
On those graphs, the vertical lines correspond to the beginning of the month shown to the right of the line. The dotted vertical lines correspond to the dates suggested for the seasonal changeovers. The horizontal lines correspond to the center of the high frequency broadcasting bands.

M. Menezes
Chairman



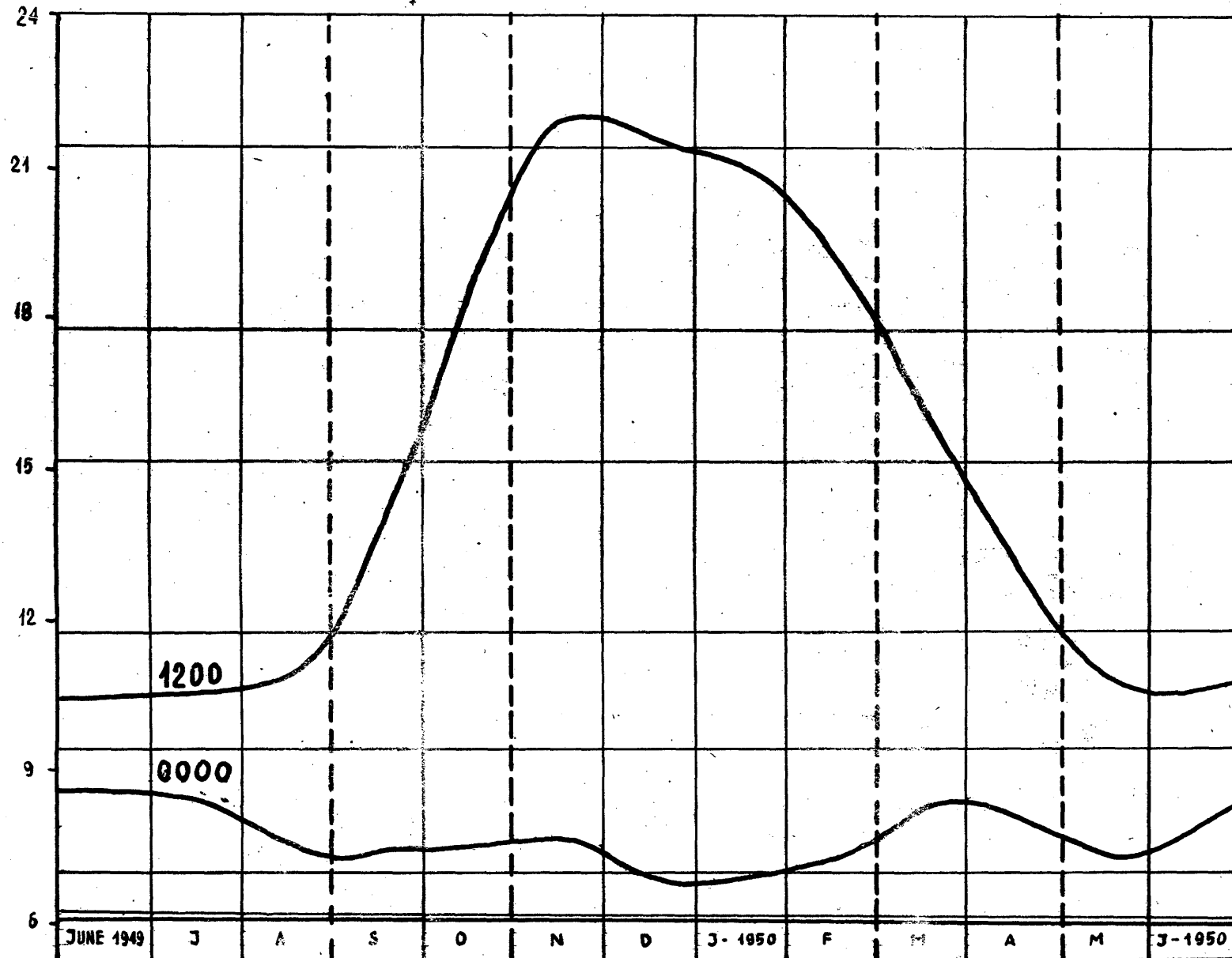
CIRCUIT 8-14

DWF (40)

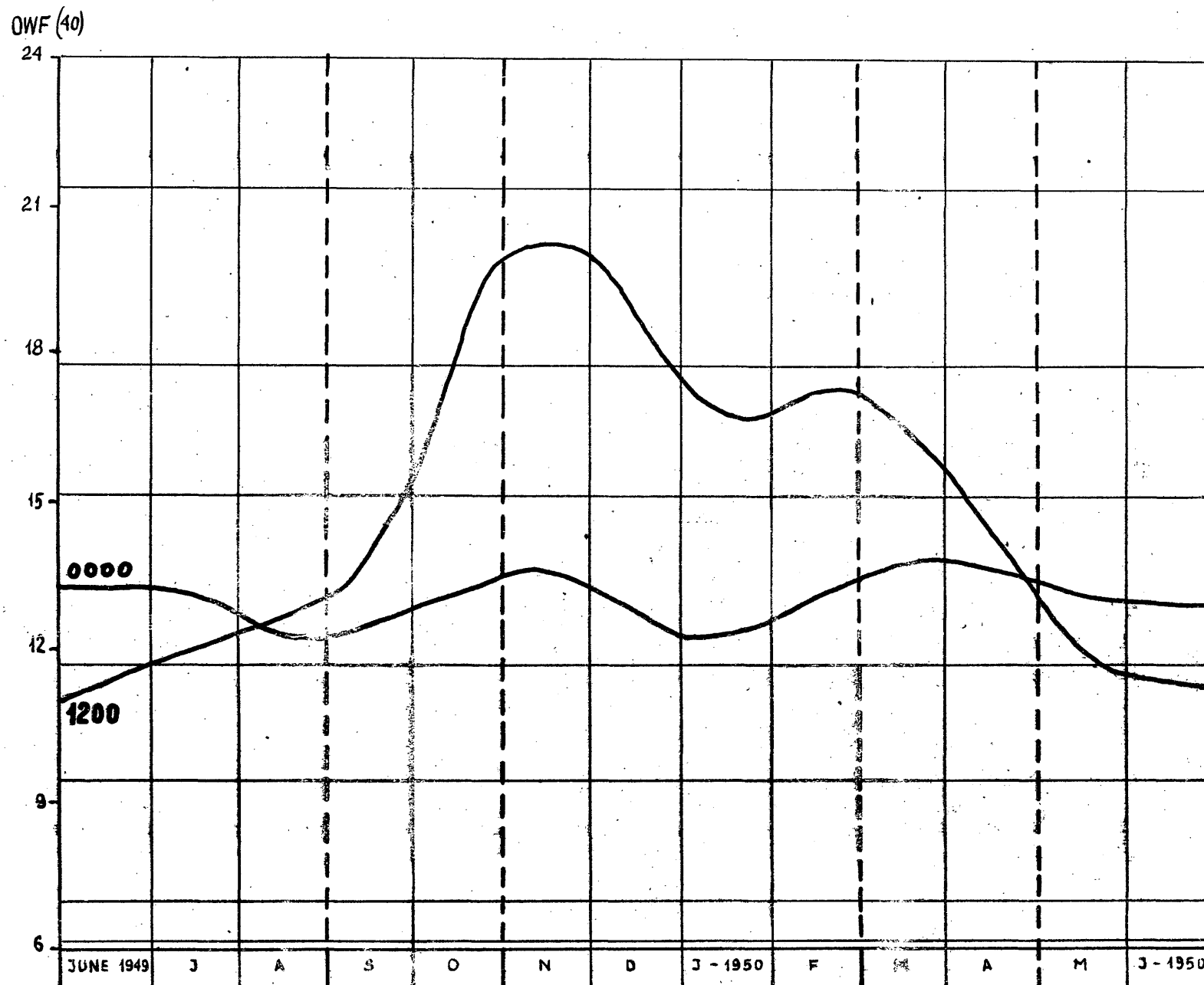


CIRCUIT 8-27

DWF (40)

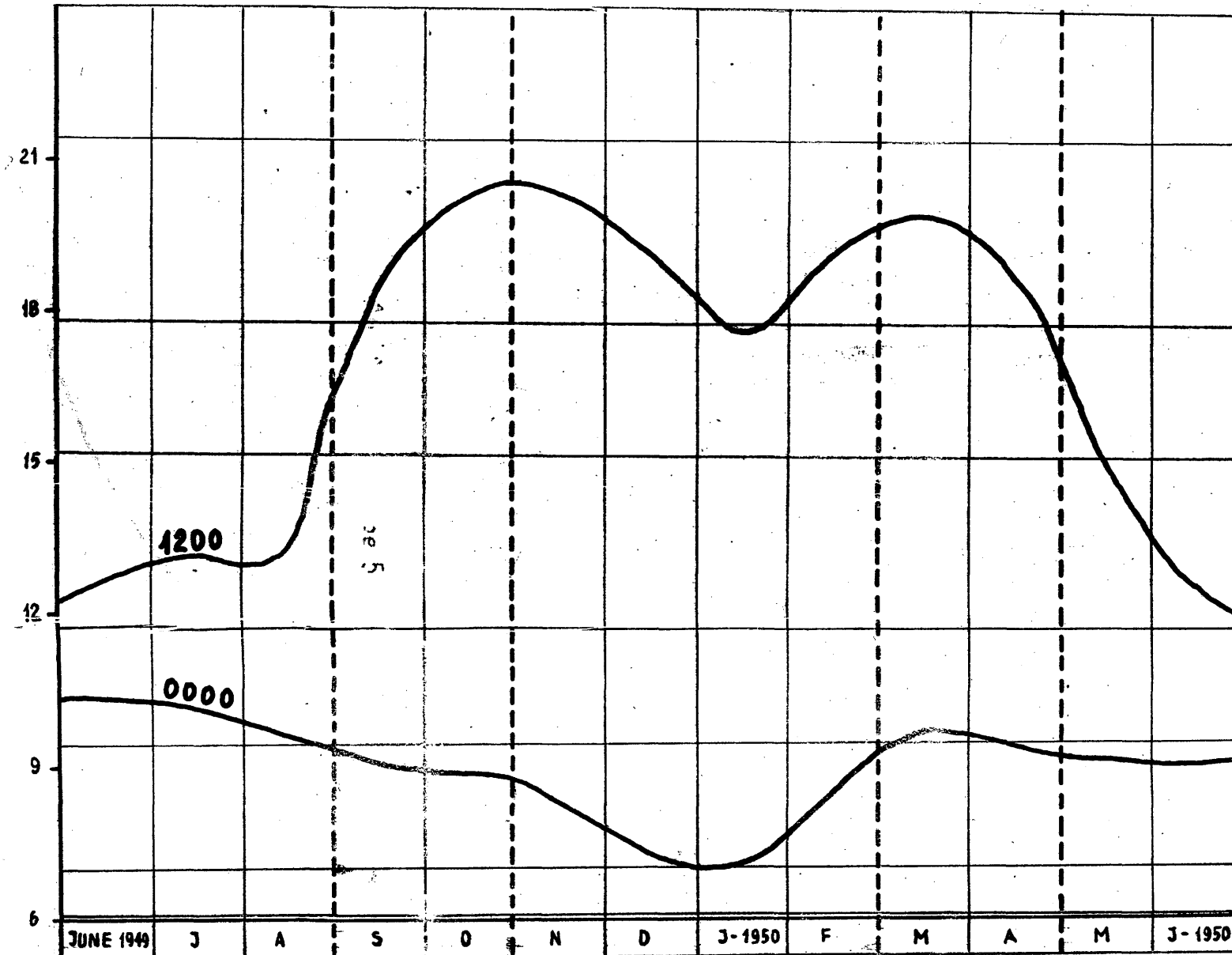


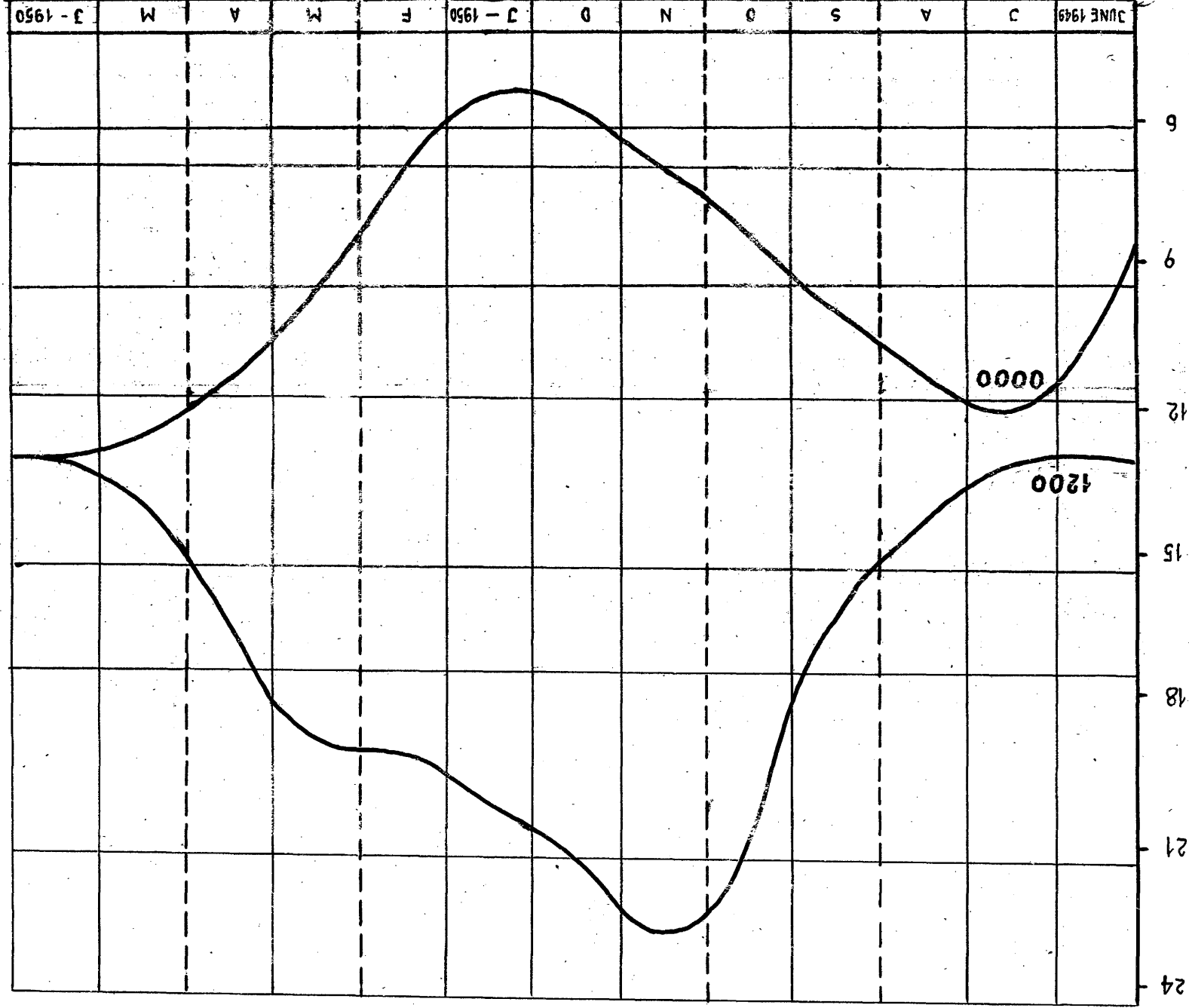
CIRCUIT 8 - 53



CIRCUIT 14-27

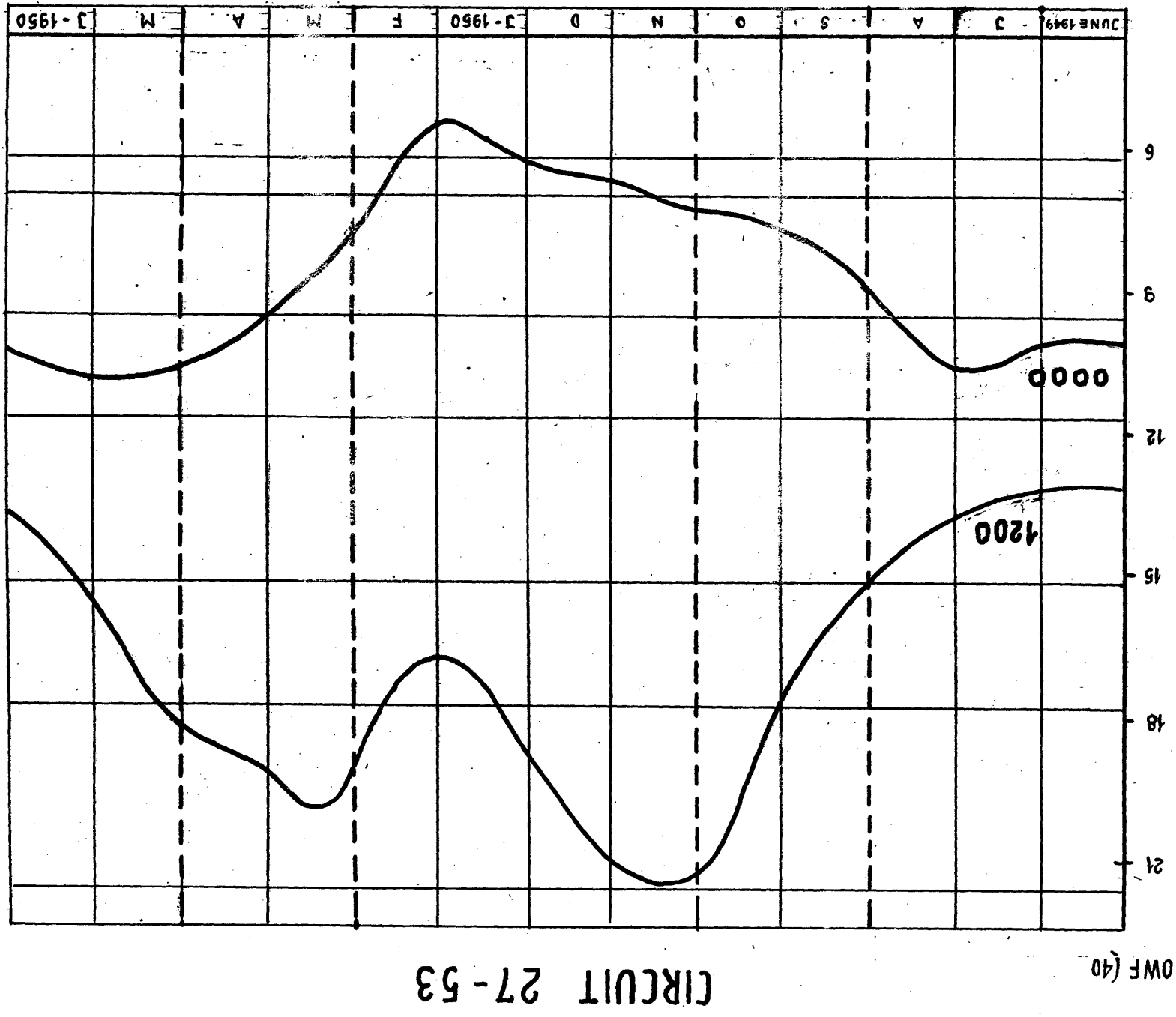
OWF (40)





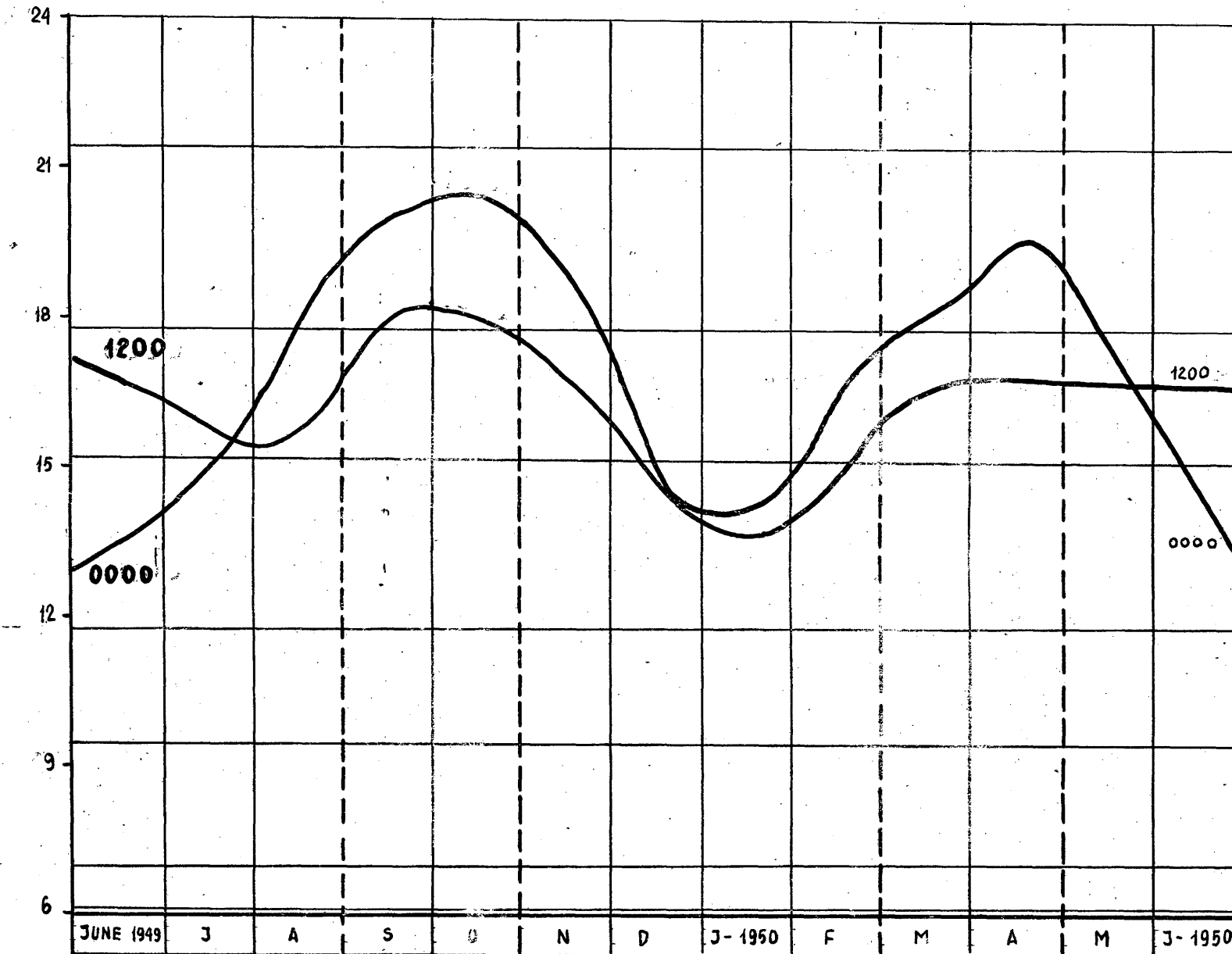
CIRCUIT 27-41

OWF (40)

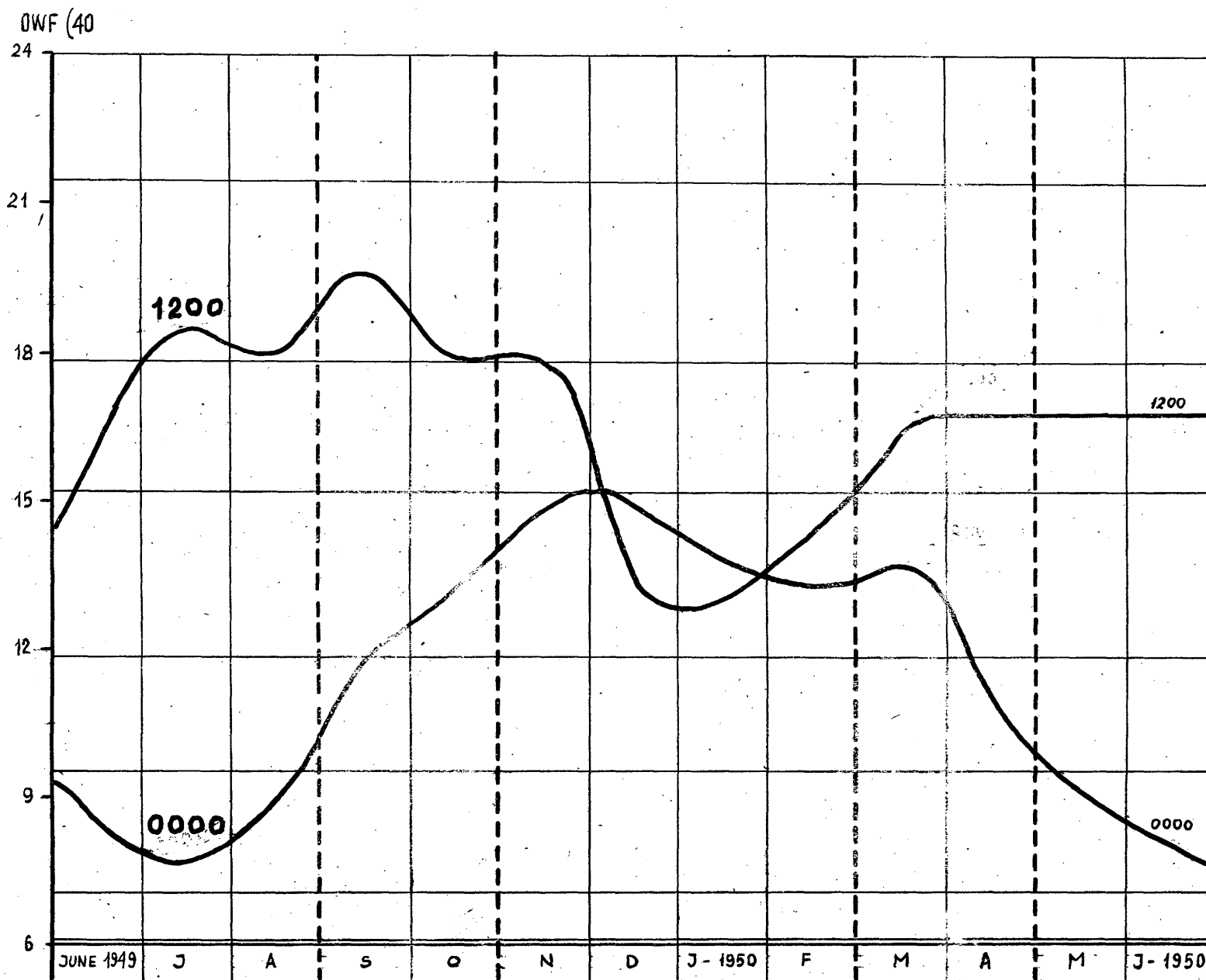


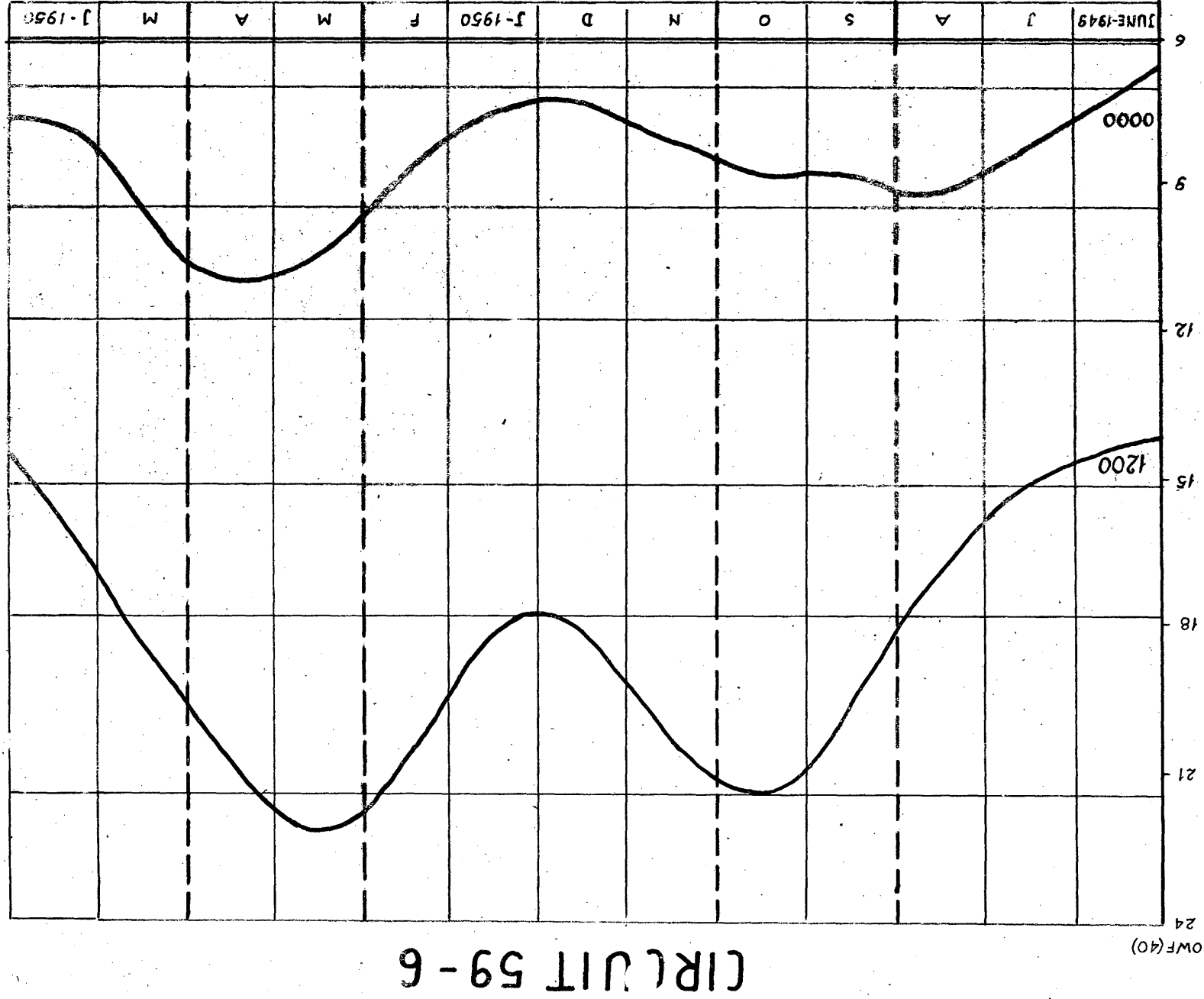
CIRCUIT 41-53

OWF (40)



CIRCUIT 41-59



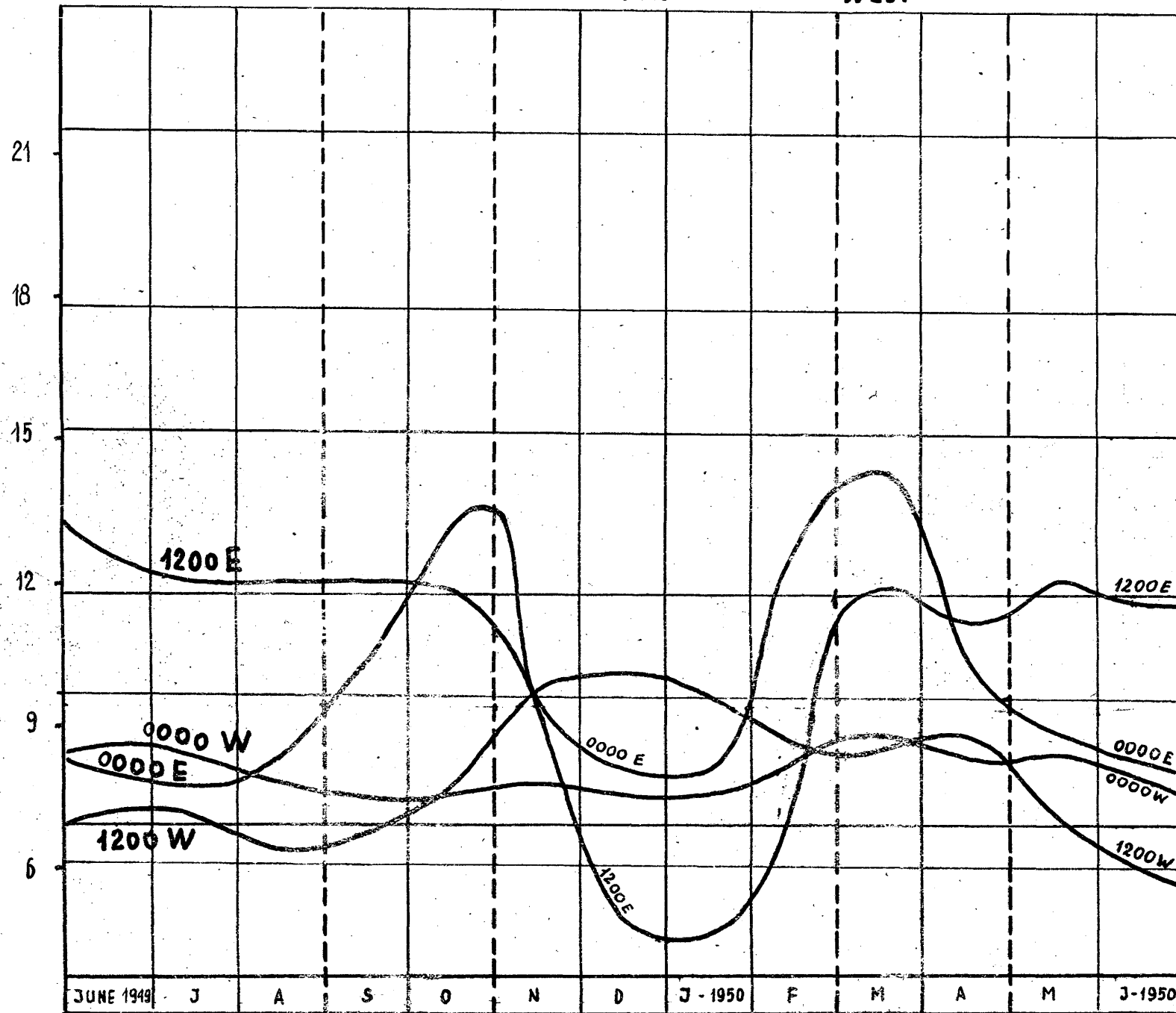


OWF (40)

CIRCUIT

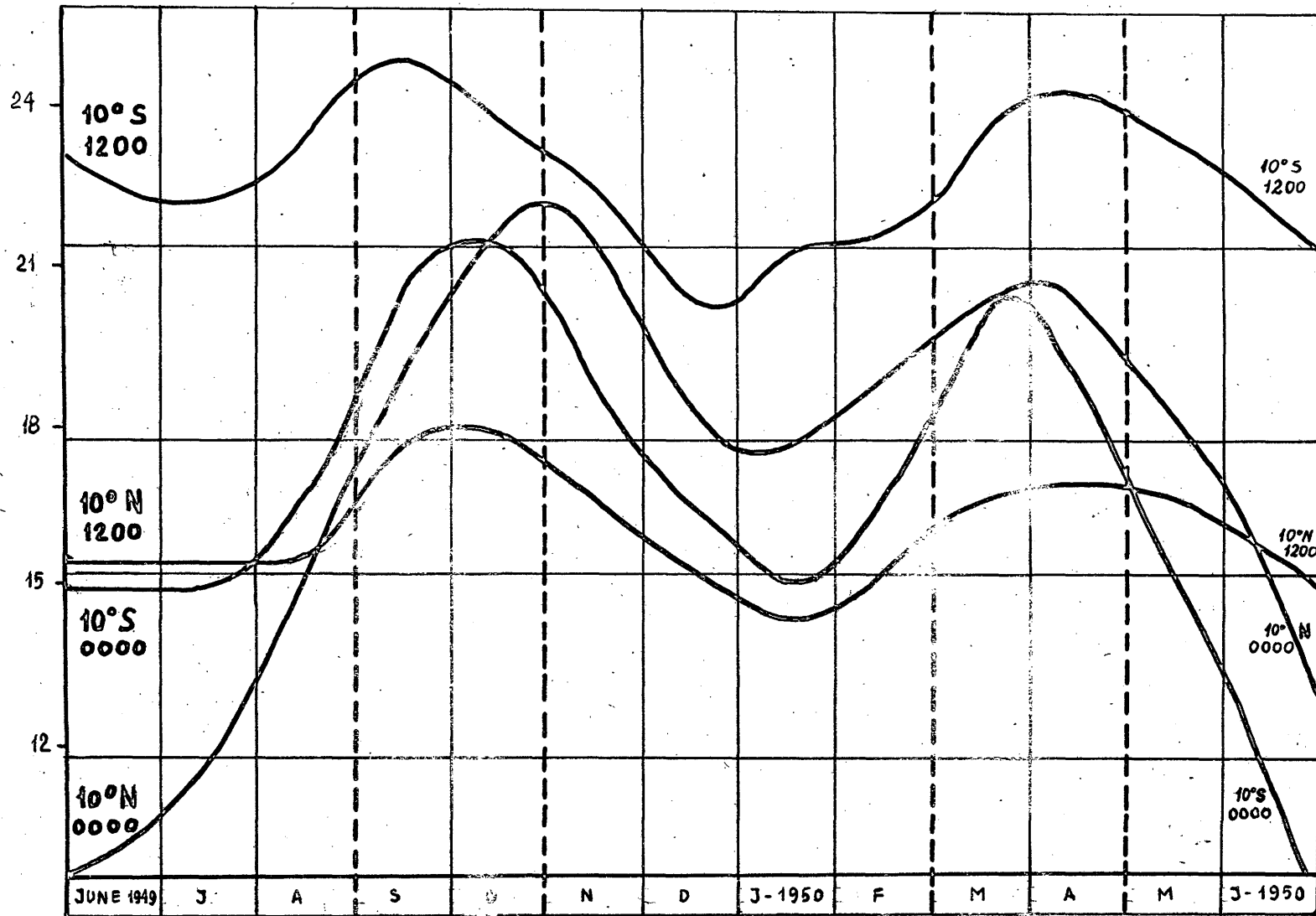
59-27
EAST

5-27
WEST



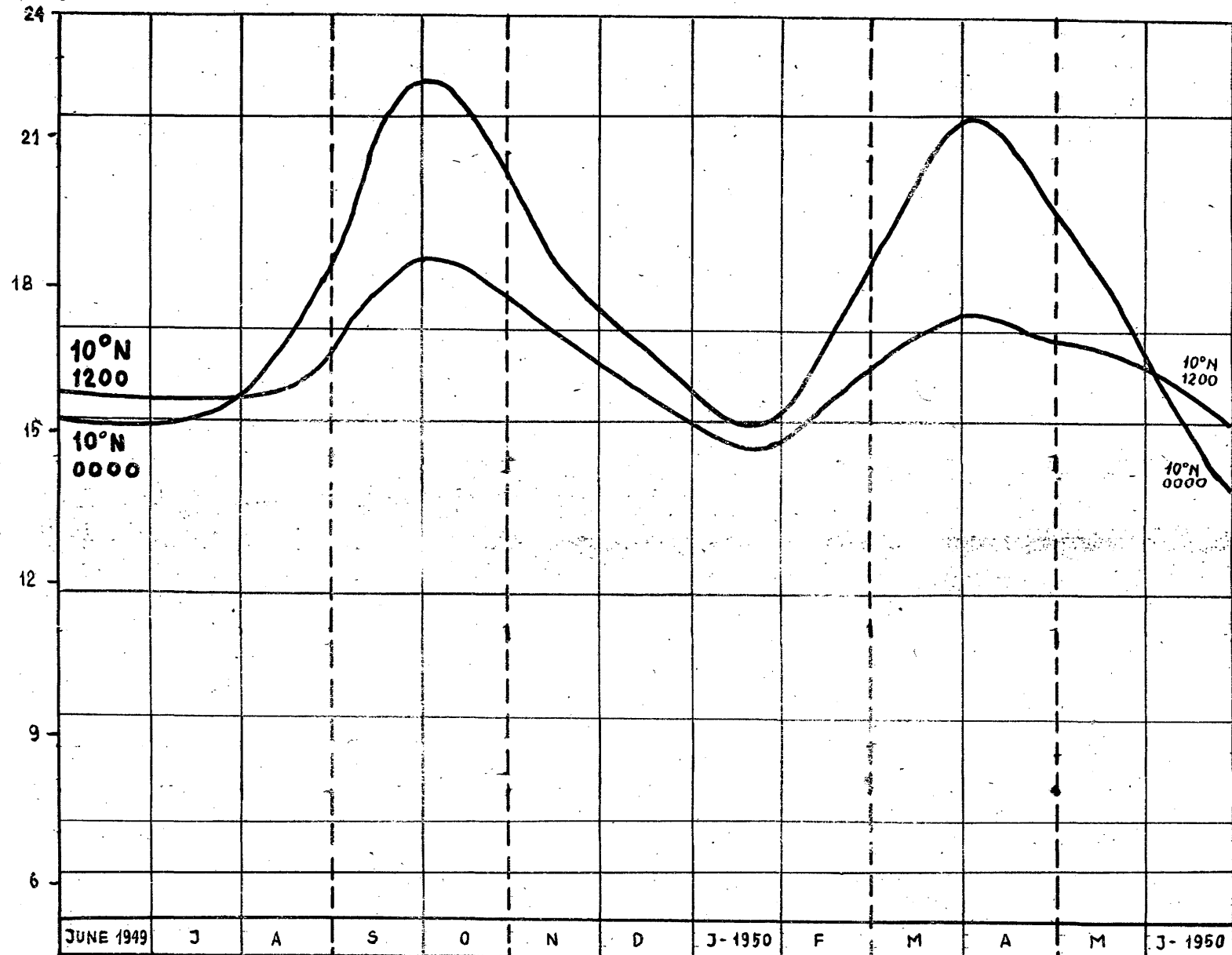
ZONE - E - 4000

OWF (40)

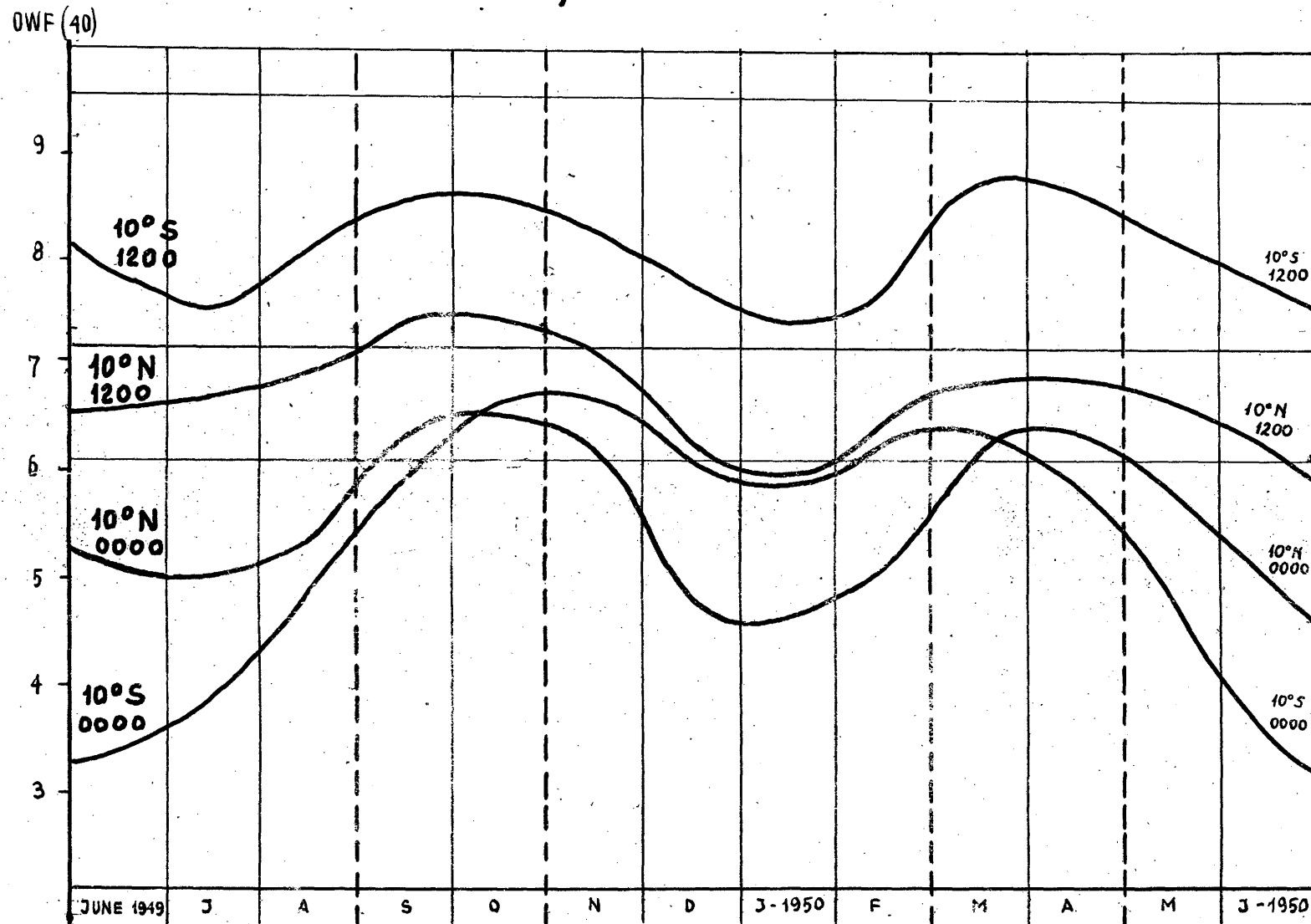


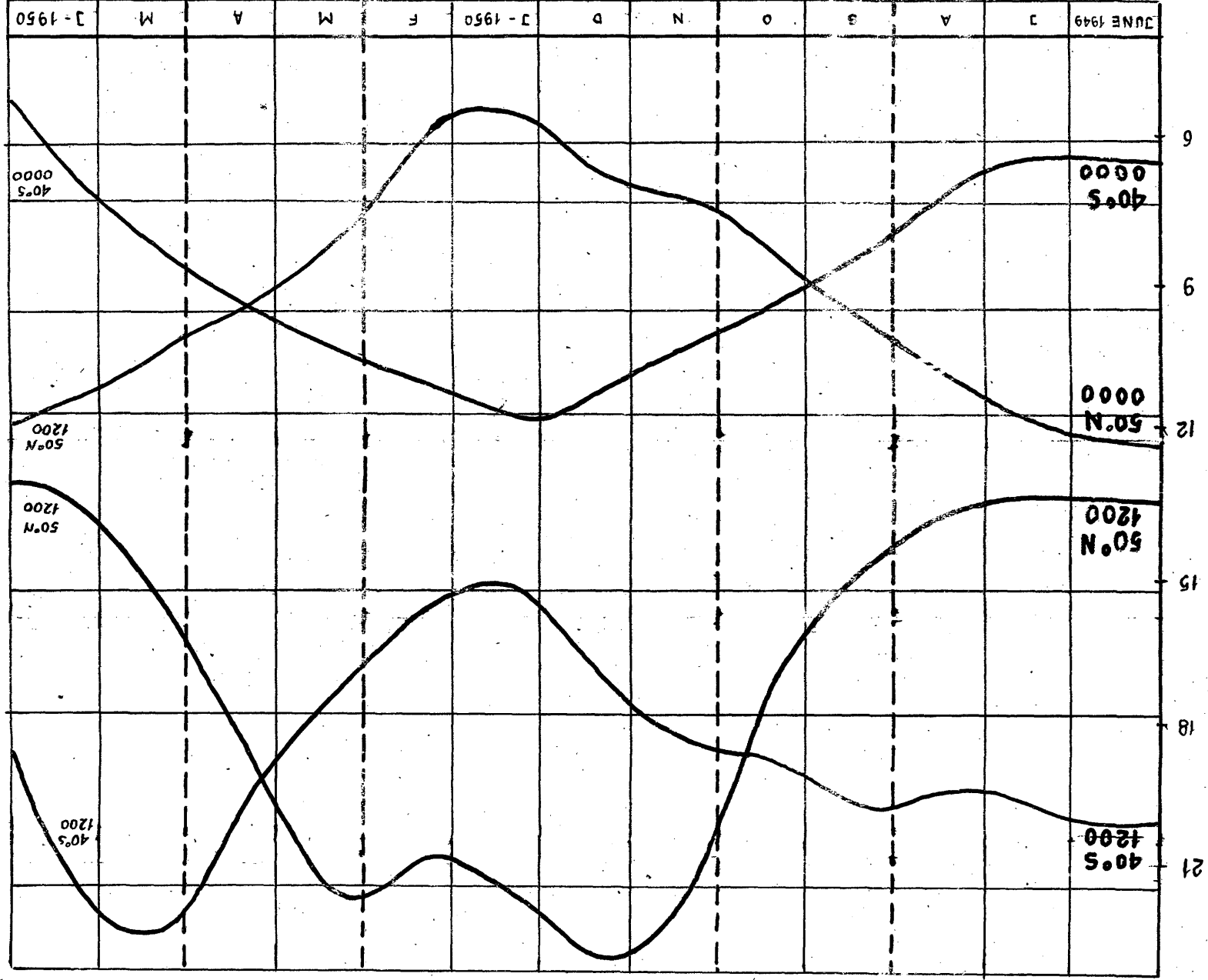
ZONE E 4000

OWF (40)



f_o/F_2 - ZONE E

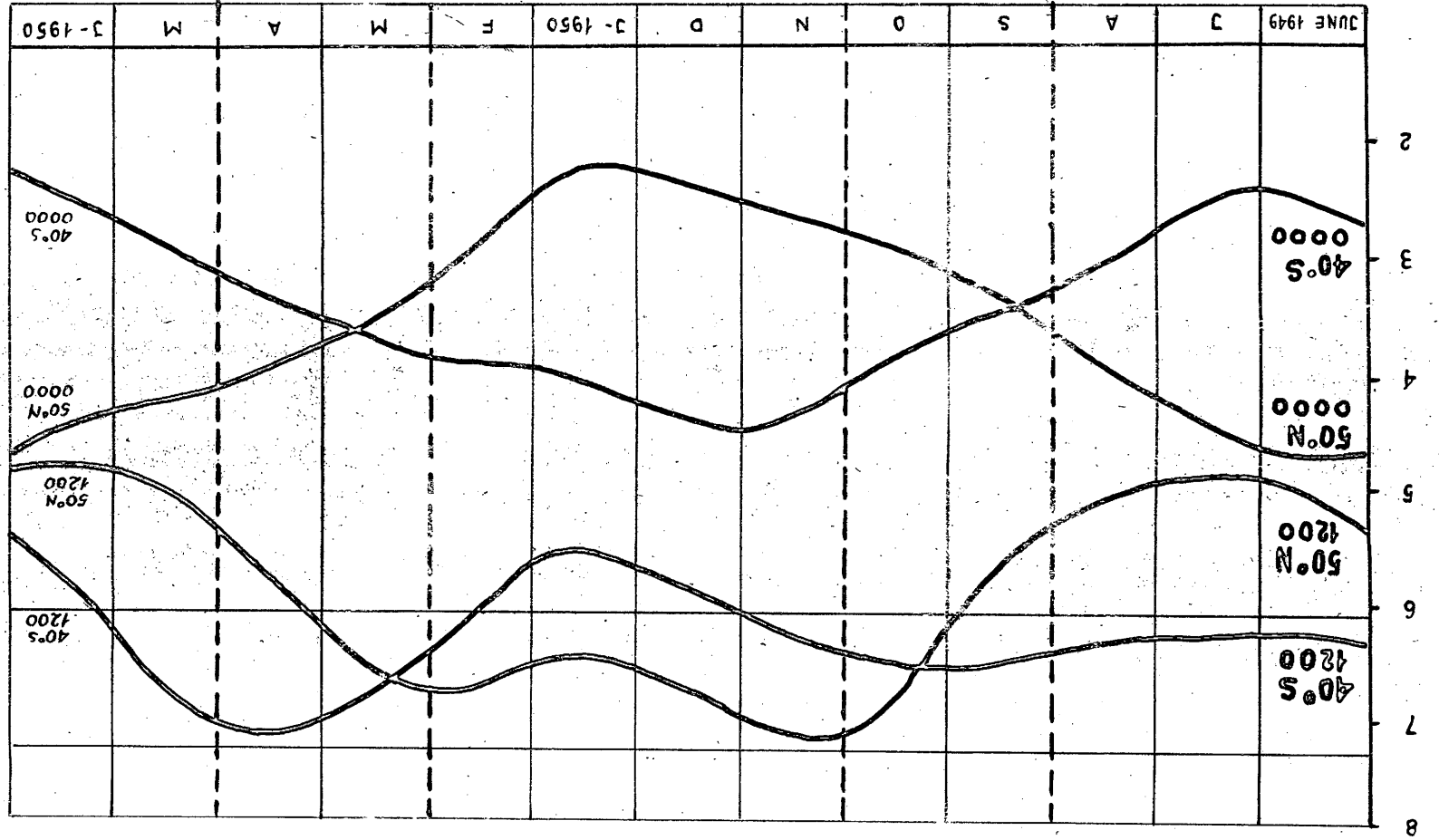




ZONE I 50°N 40°S

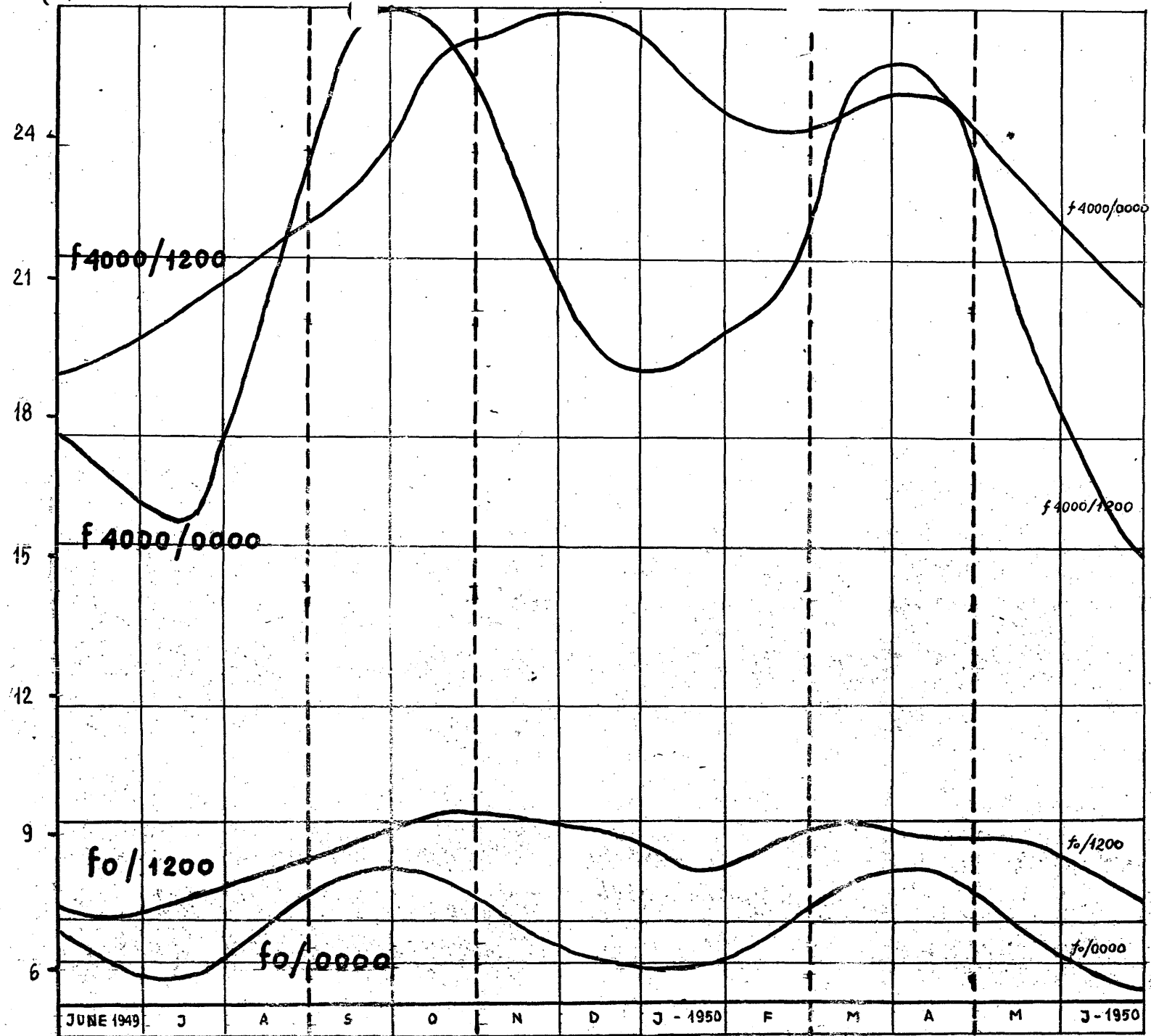
OWF (40)

ZONE I 50°N 40°S
 f_0/f_2



OWF (40)

INDE (20°N)



COMMITTEE 4

REPORT BY

WORKING GROUP 2

of the Technical Subcommittee of Committee 4

This group received the following terms of reference from the Technical Subcommittee of Committee 4:

- A. To draft recommendations on the sunspot solar indices to be used in the various plans, taking into consideration document No. 1 of the T.P.C., Paris (proposal of the United Kingdom and France) as well as other documents submitted to the Conference on that subject.
 - B. To draft, in the spirit of the practically unanimous opinion reached in the Technical Subcommittee, a recommendation on the seasonal changeovers from one phase of the plan to the subsequent phase, and to recommend specific times and dates for such changeovers.
- A - The group, having examined Doc. Nos. 1 and 11 of the T.P.C. (Paris session), as the data made available by the U.S. Delegation on documents Nos. 34 and 80, and moreover taking due note of the exposé by General Sacco on the predictions of solar activity made by the observatory of Arcetri, in Italy, unanimously agreed on the following recommendations:
- 1 - Two sets of plans (for sunspot numbers 40 and 12) will cover, on a sound technical basis, the period over which the smoothed sunspot number varies between 67 and 5.
 - 2 - The changeover from one set of plans to another must be made simultaneously with a seasonal changeover.
The set of plans for sunspot 40 will be used when the predicted sunspot number in the middle of one season is 34 or higher. The set of plans for sunspot 12 will be used if the predicted sunspot number in the middle of the season is less than 34.
 - 3 - Sufficiently accurate long term prediction of the smoothed sunspot number is not possible. It is thus advisable to collect, at least once a year, regular information from solar observatories in the various countries, and study the available data so that it will be possible to determine, six months in advance, the seasonal changeover on which the changeover of the sets of the plans is to be effected.



- B - The group prepared a set of OWF charts for some typical circuits, showing the variations of the OWF during one year. Examination of these charts showed that reasonably accurate dates for seasonal changeovers cannot be settled since the variations of the OWF are not similar in the various latitudes of the globe.

Therefore unanimous agreement could not be reached on the specific dates to be recommended for the seasonal changeovers. Nevertheless it was the opinion of a majority of the members that, on the basis of 4 phases per year, the following dates are technically acceptable for seasonal changeovers:

Equinox into December plan	1st Nov.
December into Equinox plan	1st March
Equinox into June plan	1st May
June into Equinox plan	1st Sept.

The United Kingdom Delegation could not agree with these dates and for the time being, reserved its opinion on this matter.

The group unanimously recommended that the changeovers should take place from 09.55 to 10.00 GMT.

M. Meneses
Chairman

International High Frequency
Broadcasting Conference

Document No. 130-E
9 May 1950

—
Firenze/Rapallo - 1950
—

D E N M A R K

The Chairman of the Conference has received the following letter
from the Danish Delegation :

Firenze, 28 April 1950

Sir,

I have the honour to inform you that important business concerning my Administration compels me to return to my country, at least temporarily, at the beginning of May. Unfortunately I shall therefore be unable to participate in the work of the Conference in Rapallo. In my absence, and until further notice, the Danish Delegation will be represented by Mr. Børge Nielsen.

I should like to take this opportunity of thanking you for your kind hospitality during my stay in Florence.

Yours sincerely,

N.E. Holmblad
Head of the Danish Delegation.



Dn/Cp

Firenze/Rapallo - 1950

COMMITTEE 4

HONDURAS

The Secretary of the Conference has received the following letter from the Delegation of Honduras :

Genoa, 21 April 1950

Consulate General
of the Republic of Honduras,
Genoa

To the Secretariat of the
International High Frequency
Broadcasting Conference,
Florence

Gentlemen,

Since, owing to ill health, I have been unable to attend the meetings of the Conference regularly, I hasten to forward you the text of a telegram received from my Government, which reads as follows :

"Honduras needs more frequencies in the high frequency broadcasting bands stop Request more channel hours in the six, nine, eleven and fifteen megacycle bands for all phases of the Plan with sufficient protection ratio against harmful interference in accordance with the total assignment plan for each country stop Channel hours assigned to Honduras should be included between 12 and 6 GMT stop Please bear in mind that at the time of signing the Mexico City Plan, 1949, our Delegate made the following reservation "First that Honduras may receive a larger number of channels in the six and nine megacycle bands stop These bands have the appearance in the Basic Plan of being experimental, etc. stop Second that a more equitable division of shared channels should be made between the countries of Central America".

Dn/Cp



- 2 -
(Doc. No.131-E)

I should be grateful if you would kindly take into consideration the requirements contained in this telegram.

I await your reply and hope to be able to take part, as soon as possible, in the work of the Conference.

I remain, Sir,

Your obedient servant,

(signed) Alessandro Tadiello
Consul General

Firenze/Rapallo - 1950

UNITED KINGDOM

Proposal on Assignments to Countries
not represented at the Conference

(Agenda, Item 3)

When making assignments to countries not represented at the Conference there shall be no differentiation between them and those that are represented, the Conference recognising that a successful plan must be based solely on conditions of equity for all alike.

Subject to this general consideration, assignments made to countries not represented at the Conference shall take into account :

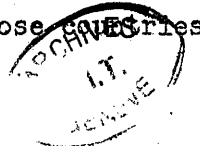
- (a) the assignments made to those countries in the Basic Plan;
- (b) the most recent information which those countries have supplied regarding their requirements either to the Conference or to the T.P.C.;
- (c) the decisions of the International High Frequency Broadcasting Conference on the subject of General Principles listed in Annex 2 to the Mexico City Agreement.

Amendment submitted by the Syrian Delegation

Para. (b) after "have supplied", add : "or information gathered by the Conference".

Amendment submitted by the Mexican Delegation

Para. (b) should read : "the most recent information which those countries have supplied or might supply to the Conference."



Firenze/Rapallo - 1950

UNITED STATES
OF AMERICA

The United States Delegation wholeheartedly supports the proposal of the United Kingdom Delegation for the following reasons :

It is the sincere view of the Delegation of the United States that, in equity, there can be no differentiation between the manner in which this Conference considers the assignments to those nations which are present at the Conference and the assignments to those who have not seen fit to participate in the Conference. It might be rationally argued that those nations which, in a sincere effort at international collaboration, have expended the time, energy and capital required by maintaining an active participation, should, therefore, obtain somewhat more favourable consideration than those who wish to reap equal benefits without equal effort. The very fact that nations here represented place such importance on sincere efforts at international collaboration in all fields imputes to them such a sense of honesty and consideration for others as to cause some delegates to feel that they are not possessed of the authority to modify the assignments to those nations not represented. While such a reaction might be commendable, it would most obviously be inequitable to those nations present. Moreover, it would not coincide with the spirit of the Atlantic City Charter.

The inevitable processes of the Conference will make modifications, adjustments, corrections or reductions in the assignments accorded the nations here represented, in the Mexico City Plan, in the Paris projections and in the new submissions made at Florence. The Conference, therefore, must be prepared to make similar changes in the assignments made to nations not here represented, without compunction, hesitation or fear.

International High Frequency
Broadcasting Conference

Document No. 134-E
11 May 1950

Firenze/Rapallo - 1950

M O N A C O

Proxy

I, the undersigned, Pierre de Witasse,
Minister of Monaco in Italy and Head of the
Delegation of Monaco to the International High
Frequency Broadcasting Conference, hereby
empower Mr. Daumard, Head of the French Dele-
gation, to vote on my behalf whenever a vote is
taken and I personally am unable to be present.

Done at Florence on April 24 1950.

P. de Witasse

Dn/Cé



COMMITTEE 4

COLONIES, PROTECTORATES, OVERSEA TERRITORIES AND TERRITORIES
UNDER MANDATE OR TRUSTEESHIP OF THE UNITED KINGDOM OF GREAT
BRITAIN AND NORTHERN IRELAND

Proposal for the terms of reference of Committee 4 (Phases of the Plan)

The Plenary Assembly directs Committee 4 to undertake, as part of the functions prescribed in the second paragraph of its terms of reference, the preparation of charts showing the loading in each band during each hour of the twenty-four for each of the six phases. These charts shall be based on the requirements of countries as set out in the Report of the Requirements Committee and such other information as the Committee shall deem it necessary to take into account. They shall be presented in a form which shows clearly where the band-loading exceeds that represented by the assignments :

(a) in the Basic Plan, and

(b) in each of the Paris Plans

and shall be issued to the Conference in sufficient copies and in sufficient time to enable each delegation to obtain a clear picture of the problem with which the Conference is faced before a final decision is taken on the question of the directives to be given to Committee 4 for its further work.

Committee 4 shall so organise its work as to present its recommendations for consideration by the Plenary Assembly on 23rd May at the latest. The band-loading charts shall be made available to all delegations not later than the morning of 19th May. Information received before 16th May shall be taken into account in preparing the charts.



NEW ZEALAND

A Survey of the High-Frequency Broadcasting Problem.

I. Introduction

The New Zealand delegation feels that the magnitude of the task which faces this Conference is such that a successful outcome can be assured only if agreement exists on the facts of the problem to which we address ourselves, and if a spirit of realism and cooperation actuates each delegation.

Undoubtedly a solid core of goodwill and cooperation exist in the present Conference. There may, however, be differing viewpoints regarding the facts involved and different emphases in their appreciation. It is the opinion of this delegation that more effective and rapid progress would be made if an attempt were made to reach a common agreement on the facts of the problem in an objective and long-term perspective.

To this end the New Zealand delegation submits a summary of its views.

II. The Permanent Nature of the Problem

The problem with which we are faced is not a temporary one but one of permanent duration. The portion of the spectrum available for H.F. broadcasting is limited and the economic, technical and social advancement of the various nations will demand a continuous examination of the use to which these bands are put.

To morrow's problems are likely to be of greater magnitude than those of today but we can perhaps view them more objectively than those which now confront us. The New Zealand delegation submits that such an objective analysis of the long-term or permanent problem should be the subject of careful thinking now and may usefully be the subject of more concrete consideration in future. It is believed that this will assist in arriving at more effective solutions and compromises. It further holds the view that all propositions, which would help to alleviate the permanent problem, should be dominantly stressed and recorded by this Conference, and, where deemed necessary, referred to appropriate agencies.

III. Analysis of the Long-Term Problem

1. High-frequency broadcasting constitutes one element of the complete broadcasting mechanism which, in general, provides the individual listener with two categories of Service:

- (a) The normal daily programme Service.
- (b) Supplementary Service of various origin and of more or less intermittent interest and utility.

2. The trend in Broadcasting is dictated by Listener Response and forecasts of the future can best be based on experience in countries in which the listener/population ratio approaches unity.

From such experience it may be stated :

- (a) That a high frequency service is only acceptable for the normal daily programme service (1(a) above) if it provides the only feasible acceptable programme.
- (b) That where a high quality local coverage is provided, high frequency listening is reduced to a very low level with a large falling off in high frequency listener response.
- (c) That, where practicable, the best method of assuring reception of any particular item is to arrange for its inclusion in the normal high grade programme serving the desired listeners. In other words "dial twiddling" has ceased to be classed as listener response by those who desire value for money expended. The thrill of hearing weak distant stations is becoming a thing of the past and it is regular canalized listening that gives satisfaction to listeners and broadcasters alike.

3. From these considerations we may arrive at the following conclusions :

- (a) That, in a free settled world, the importance of high frequency broadcasting is likely to diminish.
- (b) That, where possible, high frequency broadcasting will - due to its imperfections - give place to modern programme networks with medium or ultra high frequency coverage.
- (c) That international interests will be best catered for in an increasing number of cases by point to point services and recordings providing special features to local programmes.

4. If, as the New Zealand delegation believes, these facts are generally accepted it behoves any frequency allocation conference to carry out its work in such a manner as to recognize and prepare for these trends.

Certain listeners - those in thinly populated areas, in polar regions, on small islands and on the high seas - will always depend on high frequency broadcasting. Their claims are long-term and permanent.

Other listeners require temporary provision on high frequencies pending the provision of modern facilities on other frequencies. Their normal regular broadcasting service is involved and we must take cognizance of their needs. The New

Zealand delegation, however, points out that in the documents and agreements of this Conference it should be made perfectly clear that such allocations are not expected to be of permanent duration and that the administrations concerned have a responsibility to themselves and other administrations to progressively vacate such allocations.

5. Cooperation in International Broadcasting

International Broadcasting - whatever its final importance in a free and settled world - is a phase of broadcasting which must be given the maximum possible facilities for years to come. Unfortunately, these facilities cannot be greatly extended beyond the present scale. It is therefore of paramount importance that we should explore all avenues to wisely rationalize this class of broadcasting.

Whether such a matter can form part of the agenda of this Conference or not, it is the crux of the whole international broadcasting problem and the delegation of New Zealand considers that while we are here in Italy, we should grasp the opportunity of exchanging views on the subject.

All will agree that some form of rationalization is inevitable in the future. May this delegation suggest that no time is as appropriate as the present for nations with common economic political and cultural outlooks to get together and seriously attempt to arrive at such rationalized proposals as will best assure their point of view being made known to the world through appropriate world centres and with a high standard of service based on the best engineering practice in the listeners' interest.

The listeners would certainly benefit if there were fewer international broadcasting stations, but with higher power (and with suitable placed relay stations in some instances) and the value obtained by the nations providing the programme would be greatly enhanced, as measured in listener response.

It may be said that such a suggestion is not realistic and overlooks national sovereignty. However, the whole process of arriving at an agreed solution to the frequency allocation problem is one of foregoing the "rights" of sovereignty in the interests of effective and useful service. The alternative is wasteful expenditure and chaos in the ether.

The grouping of nations with similar outlooks may ultimately prove to be a first step towards a "ONE WORLD" political concept; it certainly is the most promising hope of progress in disentangling the difficulties of our immediate problem in the international broadcasting field, in the face of such definite physical limitations. We must cooperate to succeed. Can we not start by co-operating with our neighbours and friends as well as with the LISTENER we strive to serve?

IV. Conclusion

The New Zealand delegation makes no apology for submitting this review. It feels sure that the facts submitted will constitute "common ground" and it hopes that the deduction therefrom will at least prove thought provoking and assist towards an application of the maxim : Prevention is better than cure.

E.H.R. Green.
New Zealand delegation.

Dn/Rg

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 139-E
12 May 1950.

COMMITTEE 4

E G Y P T

The Chairman of the International High Frequency Broadcasting
Conference has received the following letter from the Egyptian Delegation:

The Chairman
International High Frequency
Broadcasting Conference.

Dear Sir,

I have the honour to submit herewith the requirements for the
zone occupied by the Egyptian Forces in Arab Palestine, in accordance
with the decision taken by the Plenary Assembly in its meeting of the
10th instant for consideration of Committee 4.

Yours sincerely,

Anis El Bardai
For the Egyptian Delegation.



Dn/Rg

Saison de Juin 70

June 70 Season

Estación Junio 70

Annexe au Doc. No.139-F

Annex to Doc. No.139-E

Annexo al Doc. núm.139-S

Emission No. Transmis. No. Transmis. número.	Zone de réception Areas of reception Areas de recepción	Distance en km. Distance in km. Distancia en km.	Puissance en kW Power kW Potencia kW	Gain de l'antenne(db.) Antenna gain db. Ganancia de antena db.	Horaire des programmes GMT Programme hours GMT. Horario de program.GMT.	Bande de fréquences Mc/s Frequency band Mc/s Banda de frec. Mc/s
1	38-39	0-1000	10	OMNI	13-16	7
2	(38-39 40-48	1000-2500	50	OMNI	05-07 09-13 15-22	7 9 7
3	37	2000-3500	50	12	20-23	9
4	41-54	3000-6500	50	12	16-18	17
5	28	800-2000	50	10	22-24	7
6	27-28	2000-4000	50	10	20-23	9
7	(11-12 13-14	7800-12500	50	12	03-05	15
8	6-7-8	8200-12000	50	12	23-01	11

International High Frequency
Broadcasting Conference

Document No. 140-E
12 May 1950

Firenze/Rapallo - 1950

COMMITTEE 4

SYRIA AND TRANSJORDAN

The Chairman of the International High Frequency
Broadcasting Conference has received the following letter
from the Delegations for Syria and Jordan:

The Chairman,
International High Frequency
Broadcasting Conference.

Dear Sir,

I have the honour to submit herewith the requirements
for each of the zones occupied by the Syrian and Transjordanian
forces in Arab Palestine for June '70, in accordance with the
decision taken by the Plenary Assembly in its meeting of the
10th instant for consideration of Committee 4.

Yours sincerely,

For the Delegations of Syria and
Transjordan.

S. Moussly

Dn/Cé



Saison Juin 70

Season June 70

Estación Junio 70

Transjordanie

Transjordan

Transjordania

Annexe 1 au Doc.140-F

Annex 1 to Doc.140-E

Anexo 1 al Doc.140-S

Emission No. Transmis. No. Transmis. Núm.	Zone de réception Areas of reception Areas de recepción	Distance en km Distance in km Distancia en kms.	Puissance en kW Power kW Potencia kW	Gain de l'an- tenne en db. Antenna gain db. Ganacia de antena db.	Horaire des program.GMT Programme hours GMT. Horario de program.GMT	Bandes de fréquences Mc/s Frequency band Mc/s Banda de frec. Mc/s
1	38-39	0-1000	10	OMNI	09-13	7
2	37	2000-3500	20	12	05-07 09-13 15-19	11 15 9
3	41-54	3000-6500	20	12	13-16	17
4	28	800-2000	20	10	06-08 17-21	9 7
5	27-28	2000-4000	20	10	07-09 17-20	11 9
6	(11-12) 13-14	7800-12500	20	12	22-00	15

- 3 -

Saison Juin 70

Season June 70

Estación Junio 70

S y r i e

S y r i a

S i r i a

Annexe 2 au Doc. 140-F

Annex 2 to Doc. 140-E

Anexo 2 al Doc. 140-S

Emission No. Transmis. No. Transmis. Núm.	Zone de réception Areas of reception Areas de recepción	Distance en km Distance in km Distancia en km.	Puissance en kW Power kW Potencia kW	Gain de l'an- tenne en db. Antenna gain db. Ganancia de antena db.	Horaire des program.GMT Programme hours GMT. Horario de program.GMT	Bande de fréquences Mc/s Frequency band Mc/s Banda de Mc/s.
1	38-39	0-1000	10	OMNI	05-07 15-22	6 6
2	11-12-13-14	7800-12500	20	12	00-03	15
3	6-7-8	8200-12000	20	12	01-04	11

Dn/Ve

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 141-E
12 May 1950.

THE NETHERLANDS

Proposal to the Plenary Assembly

The Assembly,

having noted the telegrams sent to the Secretary General of the I.T.U. by the Administrations of the U.S.S.R. (Doc. 120), the Hungarian People's Republic (Doc. 121), Czechoslovakia (Doc. 122), the Republic of Poland and the People's Republic of Albania,

considering the provisions of Article 14, sub-paragraph 3(1), and Article 5, paragraph 10, sub-paragraph 1, of the Convention,

expresses its warm thanks to the Secretary General for his information

and continues with the Agenda.



Dn/Rg

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document N°142-E
12 May 1950

P O R T U G A L

Proposal to the Plenary Assembly
(12th Meeting, held on 12 May 1950)

The Second International High Frequency Broadcasting
Conference

states

that the expenses incurred by the Conference shall, according to the Convention, be shared as prescribed in Article 14 thereof, the provisions of which are final, and does not recognise the possibility of considering any other way of sharing them.

Dn/Dp



Firenze/Rapallo - 1950

I N D I A

(Proposal to the Plenary Assembly
on its 12th Meeting on 12 May 1950)

The Second International High Frequency Broadcasting Conference takes note of three telegrams addressed by the Administrations of U.S.S.R., Bielorussian S.S.R., the Ukrainian S.S.R., the Hungarian P.R., Czechoslovakia, the Republic of Poland and Albania P.R. and

resolves

that the interpretation and application of the provisions of Article 14 of the Atlantic City Convention regarding the distribution of expenses of this Conference should be referred to the Administrative Council.

Dn/Cé



International High Frequency
Broadcasting Conference

Document No. 144-E
12 May 1950

Firenze/Rapallo - 1950

NEW ZEALAND

(Proposal to the Plenary Assembly
on its 12th Meeting on 12 May 1950)

The Second International High Frequency
Broadcasting Conference

notes

that it has no power to alter the provisions
of Article 14 of the Atlantic City Convention
whose provisions are final; and affirms its
confidence in the legality of this administrative
Conference.



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 145-E (revised)
12 May 1950.

ITALY and COLOMBIA

Proposal to the Plenary Assembly
(12th Meeting, held on 12 May 1950)

The Florence/Rapallo Conference, having noted the telegrams sent to the Secretary General of the Union by those countries whose delegations have left the Conference and containing statements to the effect that "their administrations will not contribute towards the expenses incurred by the Conference",

expresses the opinion

1. that, in apportioning the expenses of the Conference, there is no need to depart from the provisions of Article 14 of the Atlantic City Convention;
2. that the Secretary General of the Union should apply Article 14, para.3, sub-para. 1 of the Atlantic City Convention, apportioning the expenses of the Conference among all the Members and Associate Members of the Union who have agreed to participate in it, even if they have not been present or have withdrawn at any time from the Conference.



Ho/Rg

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document N°145-E
12 May 1950

C O L O M B I A

Proposal to the Plenary Assembly

(12th Meeting, held on 12 May 1950)

The Florence/Rapallo Conference, having noted the telegrams sent to the Secretary General of the Union by those countries whose delegations have left the Conference and containing statements to the effect that "their administrations will not contribute towards the expenses incurred by the Conference",

observes

that, in sharing the expenses of the Conference, there is no need to depart from the provisions of Article 14 of the Atlantic City Convention, which are final.

Dn/Dp



Firenze/Rapallo - 1950

COMMITTEE 4

PHASES OF THE PLAN COMMITTEE

Report of the fifth Meeting

9 May 1950, 4 p.m.

Chairman : Mr. Arboleda (Colombia)
1st Vice-Chairman : Mr. Sastry (India)
2nd Vice-Chairman : Mr. Leotte Tavares (Portugal)

1. Report of the fourth meeting

- 1.1. Document No. 127, Report of the fourth meeting (26 April 1950), was adopted with the following correction :

Page 2, paragraph 2, read "154 sets of 9 curves, i.e. 1386 pages".

- 1.2. At the request of the Delegate of India, it was decided to attach to the report of the present meeting the reservations * made in Mexico City by certain delegations regarding the OWF and field strength curves.

2. Documents received by the Committee

The Chairman gave the list of documents received by the Committee since its previous meeting, which had, as usual, been referred to the Technical Sub-Committee or the Working Group. He especially thanked the Delegation of Italy for the information supplied to the Committee in Document 96 : "Probable progress of the present solar cycle (cycle No. 18)."

3. Provisional report to the Plenary Assembly, 10 May 1950

3.1. Technical Sub-Committee

Mr. Sastry, Chairman, said that agreement had nearly been reached in the Sub-Committee but that a few more meetings were necessary before its final report could be submitted : in a few days.

* The annex will be published later on.

Conférence internationale
de radiodiffusion à hautes fréquences
Firenze/Rapallo - 1950

Document No. 147-F (révisé)
Addendum No. 2
16 mai 1950

HORAIRE DES SEANCES

Mercredi 17 Mai - 15 h. Supprimer: "S/C 4 (technique)"
Mercredi 17 Mai - 15 h. Ajouter : "W G 5 B - Salle 3"
Vendredi 19 Mai - 18 h. " : "Commission 1 Groupe restreint -
Salle 3"

International High Frequency
Broadcasting Conference
Firenze/Rapallo - 1950

Document No. 147-E
Addendum No. 2 (revised)
16 May 1950

TIME-TABLE OF MEETINGS

Wednesday 17 May - 3 p.m. Delete: "S/C 4 (technical)"
Wednesday 17 May - 3 p.m. Add : "W G 5 B - Room 3"
Friday 19 May - 6 p.m. Add : "Committee 1 Limited Group - Room 3"

Conferencia Internacional
de Radiodifusión por Altas Frecuencias
Firenze/Rapallo - 1950

Documento Núm. 147-S
Addendum Núm. 2
16 de mayo de 1950

HORARIO DE LAS SESIONES

Miércoles 17 de Mayo a las 3 p.m. Suprímase : "S/C 4 (técnica)"
Miércoles 17 de Mayo a las 3 p.m. Añádase : "W.G. 5 B - Sala 3"
Viernes 19 de Mayo a las 6 p.m. Añádase : "Comisión 1. Grupo reducido
Sala 3".



Conférence internationale
de radiodiffusion à hautes fréquences

Firenze/Rapallo - 1950

Document No. 147-F (révisé)

Addendum No. 1

15 mai 1950

HORAIRE DES SEANCES

MARDI 16 MAI - 9h.30. Ajouter "W.G. 5A - Salle B".

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 147-E (revised)

Addendum No. 1

15 may, 1950

TIME TABLE OF MEETINGS

TUESDAY 16 MAY - 9.30 a.m. Add "W.G. 5A - Room B".

Conferencia Internacional
de Radiodifusión por Altas Frecuencias

Firenze/Rapallo - 1950

Documento núm. 147-S (revisado)

Addendum núm. 1

15 de mayo de 1950

HORARIO DE SESIONES

MARTES 16 de MAYO - 9.30 a.m. Añádase "W.G. 5A - Sala B".

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 147-E (revised)
13 May 1950

TIME-TABLE OF MEETINGS
from Saturday 13th May to Saturday 20th May 1950

	<u>Morning</u> 9.30 a.m.		<u>Afternoon</u> 3 p.m.	
	Committee	Room	Committee	Room
Saturday 13	Committee 4 S/G. 4 A 1 W.G. 2	A 2 3		
Monday 15	W.G. 5 A S/G. 4 A 1	A 2	S.C.4 (Technical) W.G. 5 B S/G. 4 A 1	A B 2
Tuesday 16	Committee 2 S/G. 4 A 1	A 2	W.G. 4 A S/G. 4 A 1	A 2
Wednesday 17	W.G. 5 A S/G. 4 A 1	A 2	S.C.4 (Technical) S/G. 4 A 1	A 2
Thursday 18	Ascension Vacation			
Friday 19	W.G. 5 A W.G. 4 A S/G. 4 A 1	A B 2	S.C.4 (Technical) S/G. 4 A 1	A 2
Saturday 20	Committee 4 S/G. 4 A 1	A 2		

Rooms A and B : Kursaal (equipped for simultaneous interpretation)
Rooms 1, 2, 3, 4 : Excelsior
W.G. : Working Group
S/G. : Sub-Group
S.C. : Sub-Committee



International High Frequency
Broadcasting Conference

Document No. 147-E
12 May 1950

Firenze/Rapallo - 1950

TIME-TABLE OF MEETINGS

from Saturday 13th May to Saturday 20th May 1950

<u>Morning</u> <u>9.30 a.m.</u>			<u>Afternoon</u> <u>3 p.m.</u>	
	Committee	Room	Committee	Room
Saturday 13	Committee 4 W.G. 4 A 1 W.G. 2	A 2 3		
Monday 15	W.G. 5 A W.G. 4 A 1	A 2	S/G 4 W.G. 5 B W.G. 4 A 1	A B 2
Tuesday 16	Committee 2 W.G. 4 A 1	A 2	W.G. 4 W.G. 4 A 1	1 2
Wednesday 17	W.G. 5 A W.G. 4 A 1	A 2	S/G 4 W.G. 4 A 1	A 2
Thursday 18	Ascension Vacation.			
Friday 19	W.G. 5 A W.G. 4 W.G. 4 A 1	A B 2	S/G 4 W.G. 4 A 1	A 2
Saturday 20	Committee 4 W.G. 4 A 1	A 2		



Rooms A and B : Kursaal (equipped for simultaneous interpretation)
Rooms 1, 2, 3, 4 : Excelsior
W.G. : Working Group
S/G : Sub-Group

International High Frequency
Broadcasting Conference

Document No. 148-E
12 May 1950

Firenze/Rapallo - 1950

P O L A N D

The Secretary General of the I.T.U. has received the following telegram from the Polish Administration :

"A Warszawa a 5 94 5/5 1205 = via rs =

Gentel to Secretary General Burinterna Geneva =

Further to the statement made by the Delegate of the Republic of Poland to the Plenary Assembly of the International High Frequency Broadcasting Conference of Florence, the Polish Administration wishes to bring the following to your attention: in view of the illegal participation in the Conference of the so-called quote Delegate unquote of China in the person of a representative of the reactionary Kuomintang clique, the Polish Administration will not take part in the work of the Conference and will not, therefore, contribute to its expenses tz/900 + "



Dn/Cp

Firenze/Rapallo - 1950

A L B A N I A

The Secretary General of the I.T.U. has received the following telegram from the Albanian Administration :

"Geneva from Tirana 1009 49/46 5/5 1200 =

Burinterna Geneva =

Further to the statement by Albanian representative to High Frequency Broadcasting Conference we inform you that P.T.T. Administration of People's Republic of Albania considers illegal the participation at this Conference of the representative of the reactionary clique of the Kuomintang and will not acknowledge the expenses of this conference
20027/163ex49 =

Director General P.T.T. Pertef xhiku +"



Firenze/Rapallo - 1950

LIST OF DOCUMENTS PUBLISHED BY THE
INTERNATIONAL HIGH FREQUENCY BROADCASTING CONFERENCE

No. 101 - 150

No. of Document	No. of Committee	Title
101	7	Report of the First Meeting of the Budget Control Committee (11 April 1950).
102	4	Letter to the Chairman of Committee 4 from the Italian Delegation. Supplementary observations on the six phases of the Plan (26 April 1950).
103	3	Final Report of Working Group 3B (Requirements of Israel, Jordan and Yemen).
104	4	Letter to the Chairman of the Conference from the Delegation of Iran, cancelling the letter published in Doc. No.88.
105	-	Proxy given by the Delegation of the Dominican Republic to the Delegation of Uruguay. (20 April 1950)
106	-	Proxy given by the Delegation of Iran to the Delegation of Switzerland. (24 April 1950).
107	4	Letter from the Delegation of the United States. Observations concerning the USA Zone of Occupation of Germany. (27 April 1950). With annexes.
108	4	Letter from the Delegation of the United States. Observations concerning the International Zone of Tangier. (28 April 1950). With annexes.
109	3	Report of the Fifth Meeting of the Requirements Committee. (26 April 1950).

No. of Document	No. of Committee	Title
110	4	Letter to the Chairman of the Conference from the Head of the Delegation of the United States Territories. Observations and new requirements. (28 April 1950). With annexes.
111	4	Letter to the Chairman of the Conference from the Head of the Delegation of the United States. Observations and new requirements. (28 April 1950). With annexes.
112	4	Iran (submitted by Switzerland). Modified requirements submitted on 27 April to Sub-Group 1 of Working Group 4A.
113	3	Telegram from the Hashemite Kingdom of Jordan. Request for channel-hours.
114	4	Letter to the Chairman of the Conference from the Administration of Guatemala. New requirements. (19 April 1950).
115	3	Report by the Requirements Committee to the Plenary Assembly. (2 May 1950).
116	3	Report of the Sixth Meeting of the Requirements Committee. (28 April 1950).
117	-	Syria, Hashemite Kingdom of Jordan. (Requirements published in Doc. No. 31, submitted by Egypt). (29 April 1950).
118	-	Israel. Requirements submitted by Egypt. (2 May 1950).
RAPALLO		
119	-	Time-table of Meetings 8 - 10 May 1950.
120	U.S.S.R.	Telegram from the Ministry of Posts and Telecommunications of the U.S.S.R. to the Secretary General. Refusal to contribute towards CIRAF expenses.

No. of Document	No. of Committee	Title
121	Hungarian P.R.	Telegram from the Administration of the Hungarian P.R. to the Secretary General. Refusal to contribute towards CIRAF expenses.
122	Czechoslovakia	Telegram from the Czechoslovak Administration to the Secretary General. Refusal to contribute towards CIRAF expenses.
123	4	Report by Sub-Group 4A2 of the Plan Committee on the Status of Bilateral Agreements.
124	3	Letter from the Chairman of the Requirements Committee to the Chairman of the Conference. Requirements for Palestine submitted by Egypt (Doc. No.31).
125	-	Agenda for the 8th Plenary Assembly, 10 May 1950.
126	5	Report of the Third Meeting of the Implementation Committee (28 April 1950).
127	4	Report of the Fourth Meeting of the Phases of the Plan Committee (26 April 1950).
128	1	Report of the Second Meeting of the Steering Committee (8 May 1950).
129	4	Report by Working Group 2 of the Technical Sub-Committee of the Phases of the Plan Committee.
130		Letter from the Danish Delegation to the Chairman of the Conference. Absence of the Head of the Delegation, replaced by Mr. Børge Nielsen (28 April 1950).
131	4	Letter from the Delegation of Honduras to the Secretary of the Conference. New requirements.

No. of Document	No. of Committee	Title
132	United Kingdom	Proposal on assignments to countries not represented at the Conference.
133	United States	" " " " "
134	Monaco	Proxy from the Minister of Monaco in Italy, empowering Mr. Daumard to vote in his absence (24 April 1950).
135	4	Colonies etc...of the United Kingdom of Great Britain and Northern Ireland. Proposal for the terms of reference of the Phases of the Plan Committee.
136	New Zealand	Survey of the high frequency broadcasting problem.
137	4	Decision taken by the Plenary Assembly concerning the terms of reference of the Phases of the Plan Committee (11th Meeting, 11 May 1950).
138	Colombia	Sharing of Conference expenses, Article 14 (Proposal to the Plenary Assembly).
139	4	Letter from the Egyptian Delegation to the Chairman of the Conference. Requirements for the zones of Palestine occupied by Egypt.
140	4	Letter from the Delegation of Syria and Jordan to the Chairman of the Conference. Requirements for the occupied zone of Palestine.
141	Netherlands	Sharing of Conference expenses).
142	Portugal	" " " ")Proposals
143	India	" " " ")to the
144	New Zealand	" " " ")Plenary
145	Italy and Colombia	" " " ")Assembly

Dn/Cé



No. of Document	No. of Committee	Title
146	4	Report of the Fifth Meeting of the Phases of the Plan Committee.(9 May 1950).
147 (rev.)	-	Time-table of Meetings, 13 - 20 May 1950.
148	Poland	Telegram from the Polish Administration to the Secretary General. Refusal to contribute towards CIRAF expenses.
149	Albania	Telegram from the Albanian Administration to the Secretary General. Refusal to contribute towards CIRAF expenses.
150	-	List of Documents 101 - 150.

International High Frequency
Broadcasting Conference

Document No. 151-E
12 May 1950

—
Firenze/Rapallo - 1950
—

YUGOSLAVIA

The Chairman of the Conference has received the following letter from the Head of the Yugoslav Delegation :

Rapallo, 12 May 1950

"Sir,

I have the honour to inform you that my duties at the Technical High School of Belgrade compel me to return temporarily to my country.

I regret that I shall therefore be unable to participate in the work of the Conference for some time.

I remain, Sir,
Yours truly,

Vojin Popović"



Dn/Cp

International High Frequency
Broadcasting Conference

Document No.152-E
12 May 1950

Firenze/Rapallo - 1950

E G Y P T E

The Chairman of the Conference has received the following telegram from the Head of the Lebanese Delegation :

"To the Chairman of CIRAF, Florence

FZE Rome 142/014 30 8 1240

N 9 I have the honour to inform you that as I am compelled to leave Florence for a few days I have requested the Head of the Egyptian Delegation to represent me at the Conference with right to vote regards + Mahmoud Banna Head of the Lebanese Delegation "

Dn/Cp

Firenze/Rapallo - 1950

LUXEMBOURG

Proxy given to the Delegation of the Netherlands

I, the undersigned, Emile Raus, Director of the Administration of Posts, Telegraphs and Telephones of the Grand Duchy of Luxembourg and Head of the Grand Ducal Delegation to the International High Frequency Broadcasting Conference, Florence, give, in conformity with Chapter 3, paragraph 3, of the General Regulations annexed to the International Telecommunication Convention, a mandate to the Netherlands Delegation to the said Conference to represent the Grand Duchy and to exercise its vote at one or more sessions at which no member of the Luxembourg Delegation is able to be present.

Other members of the Luxembourg Delegation are :

Mr. Leon Schaus, Government Commissioner to the Compagnie Luxembourgeoise de Radiodiffusion,

Mr. R.L. Peulvey, Director General of the Compagnie Luxembourgeoise de Radiodiffusion,

Mr. Mathias Felten, Chief Engineer of the Compagnie Luxembourgeoise de Radiodiffusion.

(signed) EMIL RAUS



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 154-E
12 May 1950.

I N D I A

The Chairman of the Conference has received the following letter from the Head of the Delegation of India:

To

9 May 1950

The Chairman,
High Frequency Broadcasting Conference,
Rapallo.

Sir,

I have the honour to inform you that as Mr. T. Rajamanikam (as per Communication received from the Government of Ethiopia) has been appointed as the Delegate of Ethiopia, Mr. Rajamanikam does not belong any more to the Delegation of India.

Yours faithfully,

M.L. SASTRY

Leader, Delegation of India.



Conférence internationale
de radiodiffusion à hautes fréquences

Firenze/Rapallo - 1950

Document n° 155-F
Corrigendum n° 1
15 mai 1950

DECISION DE L'ASSEMBLEE PLENIERE
sur la répartition des dépenses de la Conférence

A la fin du paragraphe 1), au lieu de :

"de déroger aux dispositions de l'Article 14 de la Convention
d'Atlantic City;"

lire :

"d'envisager une autre manière de procéder que celle prévue par les
dispositions de l'Article 14 de la Convention d'Atlantic City."

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 155-F
Corrigendum No. 1
15 May 1950

PLENARY ASSEMBLY DECISION
on the sharing of the expenses of the Conference

At the end of paragraph 1), in place of :

"to depart from the provisions of Article 14 of the Atlantic City
Convention;"

read :

"to adopt any procedure other than that laid down in Article 14 of
the Atlantic City Convention."

Conferencia Internacional
de Radiodifusión por Altas Frecuencias

Firenze/Rapallo - 1950

Documento núm. 155-S
Corrigendum núm. 1
15 de mayo de 1950

DECISION ADOPTADA POR LA ASAMBLEA PLENARIA
en lo relativo al reparto de los gastos producidos por la Conferencia

Al final del párrafo 1), en lugar de :

"a la derogación de lo que se dispone en el artículo 14 del
Convenio de Atlantic City;"

léase :

"adoptar cualquier otro procedimiento que no sea el previsto por las
disposiciones del artículo 14 del Convenio de Atlantic City."

Firenze/Rapallo - 1950

PLENARY ASSEMBLY DECISION

(13th Meeting - 12 May, 1950)

on the sharing of the expenses of the Conference

The Florence/Rapallo Conference, having noted the telegrams sent to the Secretary General of the Union by those countries whose delegations have left the Conference and containing statements to the effect that "their administrations will not contribute towards the expenses incurred by the Conference",

expresses the opinion

1. that, in apportioning the expenses of the Conference, there is no need to depart from the provisions of Article 14 of the Atlantic City Convention;
2. that the Secretary General of the Union should apply Article 14, para.3, sub-para.1 of the Atlantic City Convention, apportioning the expenses of the Conference among all the Members and Associate Members of the Union who have agreed to participate in it, even if they have not been present or have withdrawn at any time from the Conference.

Ho/Cé



COMMITTEE 2

REPORT BY THE WORKING GROUP
OF THE CREDENTIALS COMMITTEE

- I - The Working Group has held three meetings, on 27 April and 9 and 13 May respectively.
- II - The terms of reference and membership of the Working Group are laid down in Document 95, its task being: "the examination of the various credentials submitted by the delegations, the classification of the various types and categories of credentials".
- In carrying out its task, the Group was to follow the directives in Document 65, (amended on the lines of the proposal by the Delegate of Italy, as regards provisional credentials).
- III - In the course of its work the Group examined the credentials of 59 Delegations and two proxies.
- IV - In accordance with the directives in Document 65, it classified credentials as follows:
- A. Final credentials from the Head of the State, the Minister of Foreign Affairs, the Minister of Communications or other similar authority, or the Head of the Diplomatic Mission accredited to Italy, acting in accordance with the instructions of his Government or the Administration of his country.
- 1) Credentials considered complete:
- Australia, Vatican City, Denmark, Egypt, France, India, Iceland, Italy, Japan, New Zealand, Portugal, French Protectorates of Morocco and Tunisia, Switzerland, Uruguay, Yugoslavia (15 countries).
- 2) Credentials considered incomplete:
- because they do not indicate the extent of the powers granted to the delegation as regards signing the final documents or acts of the Conference:
- Belgium, Canada, Ceylon, Colombia, Colonies of the United Kingdom, Belgian Congo, United States, Finland, Indonesia, Israel, Luxembourg, Mexico, Monaco, Norway, Pakistan, Paraguay, Netherlands, Southern Rhodesia, United Kingdom, Syria, Territories of the United States of America, Oversea Territories of the French Republic, Venezuela (23 countries).



3) Special cases of certain final credentials:

submitted to the Committee because they confer full powers but do not clearly specify the right to sign the final acts :

Bulgaria, Sweden (2 countries)

B. Provisional Credentials, consisting of communications or telegrams from the authorities mentioned in paragraph A. :

1) Considered provisional because of their character and incomplete

because they do not define the nature of the powers conferred upon the delegates:

P.R. of Albania, Austria, China, Portuguese Colonies, Costa Rica, Dominican Republic, Ethiopia, Greece, Honduras, Iran, Lebanon, Nicaragua, Republic of Poland, Czechoslovakia (14 countries).

2) Considered to be simple communications since they are telegrams announcing the participation of the delegates in the Conference:

Cuba, Ireland (2 countries).

3) Considered provisional because of their character, irregular in their manner of presentation, and incomplete because they do not define the nature of the powers conferred upon the delegates:

Roumanian P.R. (1 country).

4) Credentials, acceptance of which it would seem advisable to withhold since the representative whom they accredit cannot be admitted to the Conference as an observer in view of his being a Member of the I.T.U. (See list of such Members in Annex I to the Convention):

Guatemala, Brazil (2 countries).

C. Proxies

Considered provisional because of their character and incomplete because they do not define the nature of the powers conferred upon the proxies:

Jordan, Burma (2 countries) (Proxies given by countries which have sent no delegation to the Conference)

V - Considering that the credentials submitted by the various delegations differ in character, the Working Group recommends that Committee 2 (Credentials Committee) obtain from members participating in the Firenze/Rapallo Session of the High Frequency Broadcasting Conference such credentials and proxies as are required by the procedure or laws of their respective countries to confer upon them the authority:

- a) to participate in the Conference
- b) to sign the final documents or acts of the Conference when their nature has been defined.

VI - The Working Group also considers it advisable for Committee 2 (Credentials Committee) to request the Conference to ask the I.T.U. to make any recommendations to Administrations that it may consider necessary regarding the wording of the credentials of delegates attending international conferences.

VII - Moreover, the Working Group feels bound to inform the Committee that, after lengthy discussion, it came to the conclusion that it was not competent to decide upon the case of delegations representing two countries, nor upon the question of proxies given by countries not present at the Conference, since the Atlantic City Convention contains no precise provisions covering such contingencies (See Annex 2).

Rafael J. Milans

Chairman

A N N E X I to Doc.No.156-E

CLASSIFICATION OF CREDENTIALS BY COUNTRY.

- A 1 Credentials considered complete
- A 2 Credentials considered incomplete
- A 3 Final credentials conferring "full powers" but not specifying clearly whether the delegation is empowered to sign the final acts
- B 1 Credentials considered provisional because of their character and incomplete since they do not define the nature of the powers conferred upon the delegates
- B 2 Credentials considered to be simple communications
- B 3 Credentials considered provisional because of their character, irregular in their manner of presentation and incomplete because they do not define the nature of the powers conferred upon the delegates
- B 4 Credentials, acceptance of which it would seem advisable to withhold, since the representative whom they accredit cannot be admitted to the Conference as an observer in view of his being a Member of the I.T.U.
- C Proxies considered provisional because of their character and incomplete since they do not define the nature of the powers conferred upon the proxies.

Annex 1 to Doc. No. 156-E

*Countries members of the Union not yet represented at the Florence/Rapallo Conference, on 15 May 1950

Classification of credentials		Countries Members of the Union on 15 May 1950
1.	-	* Afghanistan
2.	B1	Albania (People's Republic of)
3.	-	* Saudi Arabia (Kingdom of)
4.	-	* Argentine Republic
5.	A1	Australia (Commonwealth of)
6.	B1	Austria
7.	A2	Belgium
8.	-	* Bielorussian Soviet Socialist Republic
9.	C	Burma
10.	-	Bolivia
11.	B4	Brazil
12.	A3	Bulgaria (People's Republic of)
13.	A2	Canada
14.	A2	Ceylon
15.	-	* Chile
16.	B1	China
17.	A1	Vatican City (State of)
18.	A2	Colombia (Republic of)
19.	B1	Portuguese Colonies
20.	A2	Colonies, Protectorats, Oversea Territories and Territories under mandate or trusteeship of the United Kingdom of Great Britain and Northern Ireland
21.	A2	Oversea Territories of the French Republic and Territories administered as such
22.	A2	Belgian Congo and Territories of Ruanda-Urundi
23.	B1	Costa-Rica
24.	B2	Cuba

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(Annex 1 to Doc. No.156-E)

25.	A1	Denmark
26.	B1	Dominican Republic
27.	A1	Egypt
28.	-	* El Salvador (Republic of)
29.	-	* Ecuador
30.	A2	United States of America
31.	B1	Ethiopia
32.	A2	Finland
33.	A1	France
34.	B1	Greece
35.	B4	Guatemala
36.	-	* Haiti
37.	B1	Honduras
38.	-	Hungarian People's Republic
39.	A1	India
40.	A2	Indonesia (Republic of the United States of)
41.	B1	Iran
42.	-	* Iraq
43.	B2	Ireland
44.	A1	Iceland
45.	A2	Israel (State of)
46.	A1	Italy
47.	A1	Japan
48.	C	* Jordan (Hashemite Kingdom of)
49.	B1	Lebanon
50.	-	* Liberia
51.	A2	Luxembourg
52.	A2	Mexico
53.	A2	Monaco
54.	B1	Nicaragua
55.	A2	Norway
56.	A1	New Zealand
57.	A2	* Pakistan
58.	-	* Panama
59.	A2	Paraguay

(Annex 1 to Doc. No. 156-E)

60.	A2	Netherlands, Surinam, Netherlands Antilles and New Guinea
61.	-	* Peru
62.	-	* Philippines (Republic of)
63.	B1	Poland (Republic of)
64.	A1	Portugal
65.	A1	French Protectorates of Morocco and Tunisia
66.	A1	Yugoslavia (Federal People's Republic of)
67.	-	* Ukrainian Soviet Socialist Republic
68.	A2	Southern Rhodesia
69.	B3	Roumanian People's Republic
70.	A2	United Kingdom of Great Britain and Northern Ireland
71.	A3	Sweden
72.	A1	Switzerland (Confederation)
73.	A2	Syria
74.	B1	Czechoslovakia
75.	A2	Territories of the United States of America
76.	-	* Thailand
77.	-	* Turkey
78.	-	Union of South Africa and Territory of South West Africa
79.	-	Union of Soviet Socialist Republics
80.	A1	Uruguay (Oriental Republic of)
81.	A2	Venezuela (United States of)
82.	-	* Yemen

Annex 2 to Doc. No. 156-E

Delegations holding proxies from countries which have accredited no delegation to the Conference :

India proxy for Burma
Syria proxy for the Hashemite Kingdom of Jordan

Delegations one or more of whose members have been appointed delegates of another country not present at the Conference :

Italy : Mr. Gneme has been appointed delegate for Nicaragua.

United Kingdom Messrs. H. Faulkner (not yet arrived) and
of Great Britain P.W. Fryer have been appointed delegates
and Northern for the Colonies, Protectorates, Oversea
Ireland : Territories and Territories under mandate
or trusteeship of the United Kingdom of
Great Britain and Northern Ireland.

Mr. Charlton Higgs has been appointed delegate for
Southern Rhodesia.

Denmark : Mr. Børge Nielsen has been appointed delegate for
Iceland.

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 157-E
15 May 1950.

I S R A E L

Proxy

The Chairman of the Conference has received the following letter from the Israeli Delegation:

Rapallo, 14 May 1950.

To
The Chairman
High Frequency Broadcasting Conference

Sir,

I regret to inform you that owing to the sudden illness of my wife I was called back and had to leave immediately.

May I inform you that I have asked Prof. Yloestalo, Head of the Finnish Delegation, who has agreed, to represent the Israeli Delegation by proxy until further notice.

I should be glad if you would be good enough to inform all concerned.

Eliezer Ron
Israeli Delegation

International High Frequency
Broadcasting Conference

Document No. 158-E
15 May 1950

Firenze/Rapallo - 1950

LEBANON

Proxy

The Chairman of the Conference has received the following telegram from the Head of the Lebanese Delegation :

"3 - RPLL - ROMA 0156 30 11 May 1030

Sir confirm that during my absence Egyptian Delegation is instructed to represent Lebanon with full powers stop Regards -

MAHMOUD BANNA Head Lebanese Delegation + "

Dn/Cp



COMMITTEE 2

I T A L Y

Proposal concerning the representation at the Conference
of Member Countries of the I.T.U.
by other Member Countries

With regard to the representation of a Member Country or Associate Member of the I.T.U. by another Member Country or Associate Member of the I.T.U. throughout the duration of a Conference, a question which is not regulated by the provisions of the Atlantic City Convention or of the General Regulations annexed to the Convention, Committee 2 considers that :

- 1) The duly accredited delegation of a Member Country or Associate Member of the I.T.U. may represent, with all rights, another Member Country or Associate Member of the I.T.U. In no case may one delegation exercise more than one proxy vote.
 - 2) Any delegate of a Member Country or Associate Member of the I.T.U. may represent the delegation of another Member Country or Associate Member of the I.T.U., with all rights, while still continuing to belong to the duly accredited delegation of his own country, provided that this delegation does not itself hold any other proxy.
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Dn/Rg



Firenze/Rapallo - 1950

COMMITTEE 7

BUDGET CONTROL COMMITTEE

Report of the Second Meeting

Saturday, 29 April 1950

- QUESTIONS DISCUSSED:
1. Consideration of the report of the first meeting (Doc. 101).
 2. Possible apportionment of certain expenses between the T.P.C. and C.I.R.A.F.
 3. Staff of the Secretariat.
 4. Leave for the staff of the Secretariat on the occasion of the trip to Rome.
 5. Revision of salaries of the staff of the Secretariat.
 6. Additional expenses to be anticipated before the end of the Conference.
 7. Expenses arising from the provisions of Italian Law concerning staff insurance.

Dn/Cé



The Chairman opened the meeting at 10/a.m.

1. CONSIDERATION OF THE REPORT OF THE FIRST MEETING
(Doc. No.101).

The report of the first meeting was adopted without amendment.

2. POSSIBLE APPORTIONMENT OF CERTAIN EXPENSES BETWEEN THE
T.P.C. AND C.I.R.A.F.

The T.P.C. had expressed the opinion (see Annex 4 to Doc.99) that the Conference should assume a certain proportion of the expenses incurred in preparing the second sessions of the T.P.C. and the Conference. This matter gave rise to a debate between Mr. Metzler (Switzerland), Mr. Mulatier (Secretary General), the Chairman, Mr. Daumard (France) and Mr. Rapp (United Kingdom). It was finally agreed that the necessary information on the subject would be published in a document, on the basis of which the Committee would reach a decision at its next meeting.

3. STAFF OF THE SECRETARIAT

- 3.1 In answer to a question put by Mr. Daumard (France), Mr. Mulatier (Secretary General of the I.T.U.) explained that contrary to what had been expected at first it had proved possible to maintain the staff engaged at the beginning of the Conference for the Russian language, even after the departure of the Slay delegations. In spite of the wish expressed by the Mexico City Conference that the whole staff of its former Secretariat be re-engaged for the Florence-Rapallo Conference, he had taken the responsibility of reducing the staff considerably. Certain services, (especially the French and English translation) were thus somewhat understaffed, above all if it was borne in mind that committees and sub-committees not originally provided for had been set up. Moreover, an increase in staff had been made necessary by the departure of certain Italian employees as well as the need to provide the Chairman of the Conference with a secretary, to appoint at least one qualified person to the document control service and to strengthen the liaison between the typing and roneo sections.

It was in order to meet these needs that the personnel previously intended for the Russian section had been maintained; this had been the easier since most of the members of this staff were equally valuable in other languages. Such an arrangement also had the advantage that the whole staff of the Secretariat with only a few exceptions, would be able to take the leave to which they were entitled during the Conference itself. This leave amounted to about 700 days and, if taken after the end of the Conference, would cost a fairly considerable sum.

- 3.2 The Committee took note of Mr. Mulatier's explanations on this important point. It was agreed that apart from really exceptional cases, the whole staff would have to take leave in rotation during the Conference.

4. LEAVE FOR THE STAFF OF THE SECRETARIAT ON THE OCCASION OF THE TRIP TO ROME.

After statements by Mr. Daumard (France), Mr. Mulatier (Secretary General of the I.T.U.), Mr. Rapp (United Kingdom) and Mr. Coffey (Canada), the Committee decided that the trip to Rome should be counted as two and a half days' leave.

5. REVISION OF SALARIES OF THE STAFF OF THE SECRETARIAT.

The Committee took note of the statement made by the Secretary General on the subject.

6. ADDITIONAL EXPENSES TO BE ANTICIPATED BEFORE THE END OF THE CONFERENCE.

- 6.1 A rather lengthy discussion ensued between various members of the Committee on certain items of Document 99 (Statement of expenditure on 30 April 1950) and on the advisability of adding to columns A and B of that document a column indicating expenses actually anticipated for the total duration of the Conference.

- 6.2 After a brief recess, the Committee decided, on the Chairman's proposal, to set up a working group composed of the delegates of the United States, (Chairman), Italy, Canada and France. This group was to study document 99, clarifying it if necessary, to determine the total budget of the Conference on the basis of expenses incurred to date and to examine the questions of the staff and salaries of the Secretariat. It would also fix the figure of the sums attributed to the T.P.C. which should normally be borne by the Conference.

7. EXPENSES ARISING FROM THE PROVISIONS OF ITALIAN LAW
CONCERNING STAFF INSURANCE.

The Committee decided to postpone consideration of the question until the following meeting, so as to enable Mr. Aurini (Italy) to supply information on the subject.

o
o

There being no further business, the meeting rose at 12.15 p.m.

Rapporteur:
Mr. Minutti

Seen:
The Chairman:
Anis El Bardai

Dn/Cé

Firenze/Rapallo - 1950

COMMITTEE 4

F R A N C E

- 1 - The decision concerning the terms of reference of Committee 4 submitted to the Second Meeting of the Plenary Assembly, and appearing in Document No.137, has been approved by the French Delegation. This Delegation considers that the first task to be accomplished is that of assembling the requirements of the various countries in one document, arranged for easy reference.
- 2 - It should be pointed out that, for the moment, only statistics should be prepared, in accordance with the terms of the decision. These statistics, however, relate to various factors which cannot be compared, since some of the requirements have been submitted for the first time, while some are the result of modifications made to previous requirements, and others are derived from the observations made regarding the TPC Draft Plan.
- 3 - Therefore, and without wishing to anticipate any decisions which may subsequently be taken, the French Delegation wishes to express the opinion now that such varied requirements must necessarily be treated in different ways.
- 4 - With particular regard to the "present requirements" of France, these were submitted to the Florence Session of the TPC in the form of the comments to be supplied by every country concerning the Draft Plans drawn up at the Paris Session of the TPC.
In an obvious spirit of cooperation, the French Administration made as few observations as possible, keeping practically to the total proposed by the TPC for each phase, and merely making a few slight readjustments in schedules and changes in bands and receiving areas, in order to ensure the continuity of its programmes.



- 5 - The French Delegation, therefore, already makes every reservation with regard to the possibility of accepting a Plan in which the assignments would mean a reduction in its "present requirements" which, in order that a plan may be prepared, have, as is stated above, been reduced to the minimum compatible with the number of services to be provided and have been prepared with due regard to the limited possibilities offered by the least favourable phases.

The Head of the French Delegation

L. DAUMARD

MINUTES

of the

Eighth meeting of the Plenary Assembly

(Doc. No. 162)

Page 12, paragraph 3.8, read:

"Mr. El Bardai (Egypt) observed with regard to paragraph 4 b) of document 115, that the requirements submitted should be treated in the same way as in the Mexico City Conference. The duty of Working Group 3B was to try to get the countries to agree to the first step, i.e. voluntary reduction, not to recommend channel hours without knowing the prospects of the plan. This was the duty of Committee 4 and not Committee 3."

Page 13, paragraph 3.12, read:

"Mr. El Bardai (Egypt) acknowledged that Group 3B's work had been important and difficult, since it consisted in consulting countries with a view to reducing their channel hour requirements. He wished to mention, however, that if the recommendations of Working Group 3B were to be considered the same as the assignments in the Basic Plan, the Egyptian Government would in no way accept the assignments given to it in the Basic Plan and declared that its requirements would be increased."

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 162-E
16 May 1950

Corrigendum No. 2

M I N U T E S

of the

Eighth Meeting of the Plenary Assembly

(Doc. No. 162)

The Delegation of the United States of America has requested the following corrections in the above mentioned Document:

- A. Page 3, for para. 1.2., substitute the following verbatim transcript of the statement made by the Delegate of the United States:

"The Delegation of the United States appreciates the opportunity you have granted it for a brief statement prior to the consideration by the Conference of the formal agenda for today.

It appears to the United States Delegation most fitting that the Conference should take official cognizance of the generous, gracious and charming hospitality of the Government of Italy in providing for all Delegations of the Conference and their staffs such an unusually interesting, valuable and enjoyable experience as the trip to and throughout the beautiful and historic city of Rome. The splendid entertainment, interesting sights and general atmosphere of companionship have combined to create unforgettable memories that will long be cherished. An outstanding memory will always be the special Audience with His Holiness, Pope Pius XII.

The Delegation of the United States therefore hopes that it will find unanimous support for the suggestion that the Conference in this Plenary Session officially express its sincere appreciation recording in the minutes a rising vote of thanks to the Government of Italy, through its representatives here, the President and Vice President of the Conference and the members of the Italian Delegation."

Dn/Km



- B. Page 15, para. 3.21, delete the last sentence beginning: "He did not think" and replace it by the following:

"This association would lead to the acceptance by the Conference of a unilateral advantage to the reserving nations. The Delegate of India has already indicated that this was not his intention."

- C. Page 15, para. 3.21, after the last sentence add:

"He did not believe that the Conference would feel there could be any differentiation in the degree of refinement of the basic plan assignments, TPC modifications or new requirements."

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.162-E
16 May 1950

CORRIGENDUM No.1

M I N U T E S

of the

Eighth Plenary Meeting

Page 16, paragraph 3.29. Delete the entire sentence beginning with the words "..... and therefore thinks it useful ..." and substitute the following : "Furthermore, it associates itself with the reservations made by the Indian Delegation as recorded in Annex B on page 16 of the report of the Working Group".

Dn/Vt



Firenze/Rapallo - 1950

M I N U T E S

of the

EIGHTH MEETING OF THE PLENARY ASSEMBLY

Wednesday, 10 May 1950 at 10. a.m.

Kursaal/Excelsior - Rapallo

QUESTIONS DISCUSSED :

1. Speech of welcome by the Chairman. Message of thanks from the Conference to the Authorities of the Italian Republic and the Vatican City for the reception in Rome. Message of thanks from the Conference to the Authorities of Rapallo for their hospitality.
2. Provisional report by the Chairman of Committee 2 (Credentials).
3. Consideration of the report by Committee 3 (Requirements) (Doc. N° 115).

CHAIRMAN : Professor G. Vallauri

VICE-CHAIRMEN : Mr. G. Gneme
Lt. General L. Sacco

SECRETARY : Mr. J. Millot



Delegations present : Commonwealth of Australia - Austria - Belgium - Burma - Canada - Ceylon - China - State of Vatican City - Republic of Columbia - Portuguese Colonies - Colonies, Protectorates, Oversea Territories and Territories under mandate or trusteeship of the United Kingdom of Great Britain and Northern Ireland - Oversea Territories of the French Republic and Territories administered as such - Belgian Congo and Territories of Ruandi-Urundi - Costa Rica - Cuba - Denmark - Dominican Republic - Egypt - United States of America - Ethiopia - Finland - France - Greece - Guatemala - Honduras - India - Republic of the United States of Indonesia - Iran - Iceland - State of Israel - Italy - Japan - Hashemite Kingdom of Jordan - Lebanon - Luxembourg - Mexico - Monaco - Nicaragua - Norway - New Zealand - Pakistan - Paraguay - Netherlands, Surinam, Netherlands Antilles and New Guinea - Portugal - French Protectorates of Morocco and Tunisia - Federal People's Republic of Yugoslavia - Southern Rhodesia - United Kingdom of Great Britain and Northern Ireland - Sweden - Swiss Confederation - Syria - United States Territories - Uruguay - Venezuela.

Observers : United Nations

Also present : Mr. Mulatier, Secretary General of the I.T.U.
Mr. Gracie, Chairman of I.F.R.B.

1. SPEECH OF WELCOME BY THE CHAIRMAN. MESSAGE OF THANKS FROM THE CONFERENCE TO THE AUTHORITIES OF THE ITALIAN REPUBLIC AND THE VATICAN CITY FOR THE RECEPTION IN ROME. MESSAGE OF THANKS FROM FROM THE CONFERENCE TO THE AUTHORITIES OF RAPALLO FOR THEIR HOSPITALITY.

1.1 The Chairman welcomed the members of the Assembly and said he was happy to announce that, since the last meeting of the Plenary Assembly, the delegations of the following countries had arrived to take part in the Conference : Pakistan, Belgian Congo, Cuba, Greece, Paraguay, Iran. The Hashemite Kingdom of Jordan had given its proxy to Syria.

1.2 Mr. Barringer (United States) made the following statement :

"The United States Delegation has much pleasure in taking this opportunity of making a short statement before the Assembly starts its actual work. It would only be right and proper for the Conference to express its gratitude to the Government of the Italian Republic for its generous hospitality during the trip to Rome, when delegates and members of the staff of the Conference had an opportunity of appreciating all the beauties and the historical interest of the Italian capital in an atmosphere of friendship which we shall never forget. Our thanks should also go to His Holiness Pope Pius XII for the honour he did to all of us who went on the excursion in receiving us with such simplicity in private audience.

"The United States Delegation hopes that all delegations present will join in these thanks to the Italian Government, represented here by the Chairman, Mr. Vallauri, the Vice-Chairmen of the Conference and the Italian Delegation".

1.3 The Assembly rose to greet this statement with prolonged applause.

1.4 The Chairman, thanked the Assembly on behalf of the Italian Government for this mark of friendship and gratitude.

1.5 Mr. Arboleda (Columbia) proposed that the Assembly should express its gratitude to the authorities of Rapallo in the following terms :

"At its first Plenary Assembly in Rapallo, the Second High Frequency Broadcasting Conference has much pleasure in extending its greetings to the Municipal authorities and inhabitants of Rapallo. It thanks them for their warm welcome, and sincerely wishes continued prosperity to this town, whose setting inspired the last short wave research of that genius who is the honour and pride of Italy, Guglielmo Marconi".

1.6 The Assembly expressed its approval by prolonged applause.

1.7 Mr. Daumard (France) then made the following statement :

"It would be superfluous for me to repeat the sincere thanks expressed by the Heads of the United States and Columbian Delegations.

"I would, however, like to suggest, and I hope that all delegations will fully support me here, that we should not fail to express our extreme gratitude to His Holiness the Pope, who by greeting us with such noble simplicity, helped to make our stay in Rome quite exceptional and one which we shall always remember".

1.8 This statement was greeted with prolonged applause.

1.9 Mr. Mulatier (Secretary General of the I.T.U.) then made the following statement :

"It is not a delegate who is going to speak this time, but the Head of the Secretariat of the Union on behalf of his Staff.

"We were all very moved and touched to see that you had invited the staff to all the entertainment organised in Rome. I believe it is the first time that all the staff of the Union, from the highest to the lowest, without distinction, have been invited to such an excursion.

"You have received us so kindly that all my colleagues have been deeply touched. They have all come to me, to ask me to express their thanks to the Italian Government for the welcome extended to them. The reception at the Capitol, which their Excellencies Mr. de Gaspari and Count Sforza attended, was, to my colleagues, a token of friendliness and consideration which I assure you they deeply appreciated.

"They also appreciated that they were not overlooked at the reception in the Vatican and that the Holy Father showed them the same consideration as the delegates.

"I thank you, Mr. Chairman, and should be very grateful if you would kindly convey our gratitude to the Government of the Italian Republic and be our spokesman to the Vatican Authorities and tell them how deeply the staff will cherish the memory of the welcome extended to them.

"Thank you again Mr. Chairman".

1.10 The Chairman thanked Mr. Mulatier for his expression of gratitude and assured him that he would not fail to convey it to the authorities concerned.

- 1.11 The Rev. Father Soccorsi (Vatican City) then made the following statement:

"Mr. Chairman, allow me, too, to express my thanks for the kind words which have been said about the Vatican City, its authorities and His Holiness the Pope himself.

It was a pleasure for me to organise a reception that proved a universal success and I wish to express my sincere thanks to all delegations for having all responded to the invitation from the Vatican City.

It will be my duty to convey to the Vatican Authorities and to His Holiness the Pope himself your expressions of gratitude to us."

- 1.12 The Chairman stated that he would not fail to convey the thanks expressed by the Conference to all the authorities mentioned.

He then proposed to pass to the consideration of the Agenda.

- 1.13 Mr. Durland (Cuba) stated that since he had arrived only the day before, he had not been able to acquaint himself with all the documents published so far; he had, nevertheless, noted with pleasure that the Conference had conferred upon his country a vice-chairmanship of the Drafting Committee and expressed his thanks for the honour which he greatly appreciated.

- 1.14 At the request of the Chairman, Mr. Millot, the Secretary, read out the Agenda to be considered during the meetings starting that day (Doc. 125):

1. Provisional Report by the Chairman of Committee 2 (Credentials).
2. Consideration of the Report by Committee 3 (Requirements) (Doc. 115) *.
3. Provisional Report by the Chairman of Committee 4 (Phases of the Plan) *. Question as to how assignments made to countries not represented at the Conference, or having left it, should be considered (see Doc. 53).
4. Frequency requirements for Palestine submitted by the Egyptian Delegation (Doc. 31).
Letter from the Syrian Delegation to the Chairman of the Conference (Doc. 117).
Letter from the Delegation of the State of Israel to the Chairman of the Conference (Doc. 118).
Letter from the Chairman of Committee 3 to the Chairman of the Conference (Doc. 124).

5. Telegrams to the Secretary General of the I.T.U. from the Administrations of the U.S.S.R., the Bielorussian S.S.R., the Ukrainian S.S.R. (Doc. 120), the Hungarian P.R. (Doc. 121) and Czechoslovakia (Doc. 122) announcing their refusal to contribute towards the expenses of the present Conference.
 6. Approval of the Minutes of the first seven meetings of the Plenary Assembly (Docs. 56, 57, 58, 59, 60, 61, and 62).
 7. Any other business.
- * When the Reports by Committees 3 and 4 are submitted, the Plenary Assembly will consider the question of frequency assignments for the British Zone of Occupation of Germany and that of the policy to be adopted for the future work of the Conference.

1.15 There being no objection, the Agenda, as just read, was adopted.

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2. PROVISIONAL REPORT BY THE CHAIRMAN OF COMMITTEE 2 (CREDENTIALS)

2.1 At the request of the Chairman, Colonel Milans (Uruguay), Chairman of Committee 2, gave a broad outline of the report that Committee 2 would be submitting to the next session of the Plenary Assembly. He pointed out that Committee 2 had adopted, with slight variations, the procedure followed in Mexico City for checking credentials. The Committee's Working Group had so far examined 56 credentials, and before making its report to the Committee the Group would hold one more meeting.

2.2 Mr. Popovic (F.P.R. of Yugoslavia) made the following statement:

"Having heard the report by the Chairman of the Credentials Committee, I must first of all say how astonished I am that he considered it unnecessary to mention the statement made by the Delegation of the F.P.R. of Yugoslavia at the Committee's second meeting. In my opinion it was reasonable to suppose that the Chairman of Committee 2, in describing the progress of the Committee's work, would mention my delegation's statement in his report. However as he has not done so I feel I must protest at the omission, as that statement falls outside the routine work of Committee 2. I am therefore taking the liberty of re-reading the statement made at the second meeting of the Credentials Committee, whose provisional report we have just heard. The text, which appears in Document 95, reads as follows:

"In view of the situation actually existing in China after the war of liberation and the national and social revolution in that country, now that the Chinese people and its national army of liberation have come into power and expelled the former Kuomintang regime, it can be stated categorically that the Ministry of the P.T.T. and the Telecommunication Department of the Kuomintang Government no longer have any executive powers and are not in a position to take responsibility for the territory of China.

"Moreover, it was decided at the first meeting of the Credentials Committee that credentials could be presented only by the competent administration, and Annex 2 to the International Telecommunication Convention states clearly that the competent administration is "any department or service of a government responsible for implementing the obligations undertaken in the International Telecommunication Convention and the Regulations annexed thereto."

"Now it is precisely these indispensable conditions that are not fulfilled by the Ministry of the P.T.T. and the Telecommunication Department of the Kuomintang.

"In these circumstances the Chinese delegate possessing credentials issued by the Kuomintang cannot, by his signature, guarantee that the terms laid down in the International Agreement and the Plan annexed thereto will be carried out and respected in the territory of China.

"For this reason the Delegation of the F.P.R. of Yugoslavia considers that the credentials of the Kuomintang delegates cannot be regarded as a valid document by the Second International High Frequency Broadcasting Conference.

"The Delegation of the F.P.R. of Yugoslavia therefore proposes that the Credentials Committee should resolve that the delegates of the Kuomintang P.T.T. Administration shall have the right neither to vote nor to sign the final documents of the Conference and the plans prepared by it."

"It will be seen that this statement concerns the validity of a letter of credence, and is thus a matter that should have been dealt with by the Credentials Committee. It is essential that credentials should be presented by a competent administration, since ours is an Administrative Conference.

"Gentlemen, I think it is unnecessary to stress the fact that the administration which gave full powers to the Kuomintang Delegate has not really any power and cannot assume any responsibility for the vast territory of China. To be more exact, it may be that there are certain radio installations in that very small part of China's immense territory, where possibly the administration in question is also taking refuge, but I cannot say whether those communications may not today or tomorrow be cut, or whether they have already been cut.

"Those are the facts, that is the state of affairs that is the result of an evolution and of events which date back a long time - of a social and national revolution in the China of today. Probably some people find the truth hard to swallow, but those are the facts; they must be faced now, as they will certainly have to be faced in the future.

"To disregard the facts and lose ourselves in purely formalistic logic, which seeks to justify itself with out-of-date texts that cannot be applied to the case we are considering, would be tantamount to imitating, wittingly or unwittingly, the ostrich which buries its head in the sand.

"Moreover, the legal arguments, so insistently advanced at the first Plenary sessions as being those that should guide us in settling the question raised by the telegram from the Minister of Foreign Affairs of the Chinese People's Republic, were purely and simply abandoned when it came to a secret vote, whereby we should have avoided showing openly whether or not we believed in a realistic approach and in the accomplishment of the final aims of our Conference.

"With this aim in mind, and hoping, as it does, that the forthcoming plans will be approved and signed only by the representatives of competent administrations that will be in a position to guarantee that the terms of this international agreement are respected and carried out, the Delegation of the F.P.R. of Yugoslavia has submitted the statement quoted above.

"The Delegation of the F.P.R. of Yugoslavia appeals to all delegations at the Conference to take into consideration not only the facts and arguments advanced in that statement, but to seek and find further reasons favouring a just, realistic and practical solution to the question raised, and to envisage the effect of such a solution on the future work of the Conference.

"Mr. Chairman, may I ask you to be good enough to have this statement included in extenso in the minutes of the meeting."

- 2.3 Colonel Milans (Uruguay), Chairman of the Credentials Committee, said that the statement just read had been included in the report of the second meeting of Committee 2 (Document 95) on 24 April 1950, and that his reason for not mentioning it when he spoke was that the Committee, having held no meeting since that date, had been unable to decide whether it was competent to settle the question or whether, on the other hand, it should refer it to the Plenary Assembly for study.

2.4 Mr. Popovic (F.P.R. of Yugoslavia) made the following comments:

"First of all, when I expressed my astonishment I merely said that I had expected the Chairman of Committee 2, when speaking of our Committee's work, to refer to the events of the second meeting. Moreover, while in Florence I stressed that Committee 2 should hold a meeting before finishing its work, and if I remember rightly it was decided at the meeting of Committee 1 in Florence that Committee 2 would meet in Rapallo before the Plenary Assembly; thus I was surprised, when I read the time-table of meetings in Rapallo, to see that although the Committee's Working Group was scheduled to meet, no meeting of Committee 2 had been arranged. I had thought it would be essential to hold such a meeting in order to draft the provisional report that was to be submitted to the Plenary Assembly, and as that was not done I felt obliged to repeat the statement I have just read. I should be glad if my observations could be included in the minutes."

2.5 Mr. Tch'en (China) said that the statement by the delegate of F.P.R. of Yugoslavia showed a complete misconception of the actual situation in China and he affirmed that the Chinese Government, which he represented at the present Conference, had adhered and would adhere to the provisions of the Atlantic City Convention and to any agreements he might sign. He recalled that under Article 20, para.1 of the Atlantic City Convention "The Members and Associate Members are bound to abide by the provisions of this Convention and the Regulations annexed hereto in all telecommunication offices and stations established or operated by them which engage in international services or which are capable of causing harmful interference to radio services of other countries, except in regard to services exempted from these obligations in accordance with the provisions of Article 47 of this Convention."

He also pointed out that there was no Ministry of the P.T.T. in the Chinese Government and that Committee 2 had decided at its first meeting (Document 41, page 2) that "credentials given by competent administrations, such as postal authorities, were sufficient".

He stated that the question raised by the Delegation of the F.P.R. of Yugoslavia was outside the competence of the Conference, whose agenda was clearly laid down (Document 22), and was contrary to the Rules of Procedure of the Conference (Article 7, para.8).

The Yugoslav attempt to deprive a member of the Conference of his right to vote and sign documents was tantamount to wishing to amend the Convention itself.

For all those reasons, and in order to avoid wasting precious time, Mr. Tch'en requested the Assembly to take no action on the Yugoslav statement.

- 2.6 Mr. Popovic (F.P.R. of Yugoslavia) replied as follows to Mr. Tch'en's observations :
- "The Delegate of China spoke of the time that would be wasted if we discussed this question now. I think, on the contrary, that if we settle this question at the outset of our work in Rapallo we shall not have spent this time in vain and we shall not waste the time that remains at our disposal for our work.
- "As regards the Ministry of the P.T.T. and the Department of Telecommunications of the Kuomintang, I found this information in the report by the Secretary to whom the provisional credentials of the delegates in question were sent.
- "As far as the question of competence is concerned, it may be that Committee 2 is not competent; and I had occasion to remark that this question is not of the same nature as that which was once decided by a secret vote in a Plenary Assembly; I thought that the Administration that furnished these credentials was not competent to fulfil its obligations under the Convention or under an international agreement. That is why my Delegation thought that Committee 2 was competent to decide as to the validity of the credentials; since, however, the Committee is of the opinion that it is a matter to be discussed and settled by the Plenary Assembly, I have taken the liberty of raising the matter here and I request you, Mr. Chairman, to settle the question here in plenary session."
- 2.7 Mr. Rapp (United Kingdom) pointed out that although the Conference had been in progress for six weeks, only 14 countries had presented final credentials. He proposed that the Assembly should fix 31 May as the latest date for the receipt of final credentials, and should request Committee 2 to submit its final report to the first plenary session to be held after that date.
- 2.8 Mr. Molgar (Mexico) thought it should be borne in mind that several South American countries might wish to be present at the end of the Conference, and it would be regrettable if that possibility were denied them. It was to every body's advantage to have as many signatories as possible.
- 2.9 Mr. Arboleda (Colombia) remarked that the Chairman of Committee 2, before making his statement, had clearly pointed out that the report was only a provisional one. Until the Committee had formulated its conclusions it seemed pointless to discuss a document that had not yet even been published.
- 2.10 Mr. Barringer (United States of America) agreed with the Delegate of Colombia, and would accept the United Kingdom proposal only on condition that the suggested date of 31 May did not exclude new participants.
- 2.11 Mr. Jayasekara (Ceylon) would accept Mr. Rapp's proposal provided the authority conferred on the delegates continued to be recognized until the time of signing the final acts.

- 2.12 Mr. Gnome (Italy) supported the United Kingdom proposal, as amended by the United States, to fix 31 May as the latest date for submitting the credentials of the delegations present, it being understood that other delegations might present their credentials after that date.

He also agreed with the Delegation of Colombia that the Assembly should defer its decision on the question of credentials until it had received the final report of Committee 2, which should be completed as soon as possible.

- 2.13 Mr. Molgar (Mexico) raised no objection to the United Kingdom proposal, as amended by the delegations of the United States and Ceylon and approved by Italy.

- 2.14 Mr. Rapp (United Kingdom) agreed to the amendments proposed by the delegates of Mexico and Ceylon, and his proposal, thus amended, was adopted.

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3. CONSIDERATION OF THE REPORT BY COMMITTEE 3 (REQUIREMENTS) (Doc. 115)

- 3.1 The Chairman thanked Committee 3 and its Chairman for having carried out their terms of reference so speedily, and requested Mr. Daumard to submit his report.

- 3.2 Mr. Daumard (France), Chairman of Committee 3, thanked the Chairman for his words of praise; he felt bound to observe, however, that Committee 3's work could not be considered finished until the Plenary Assembly had approved Document 115; it was supplemented by Documents 97 and 103 - the reports by Working Groups 3A and 3B, which had been set up by the Committee at its first three meetings.

The second line of paragraph 2 of Document 115 should be amended to read: "... the Vice-Chairman being Mr. Schippers (Indonesia) and Mr. Lopez (Venezuela)." He explained that, following its terms of reference, Committee 3 had tried to prepare a working document to aid Committee 4 in its work. That was how Document 115 was to be regarded; it was in no way intended to replace official requests by countries.

- 3.3 The Chairman thanked Mr. Daumard for his explanations and throw open the debate on the final report by Committee 3.

- 3.4 Mr. El Bardai (Egypt), referring to paragraph 4 a) of Document 115, wished to repeat the following statement, which he had already made on behalf of Lebanon in Committee 3 (Document 116) :

"Lebanon did not attend the Mexico City Conference and nobody defended its needs there, which has the consequence as an example that the assignments in the Basic Plan do not show the reception zones. These assignments do not correspond to the essential requirements of Lebanon."

In reply to a question from the Delegate of the United Kingdom, he explained that Lebanon had advised the Chairman of the Conference by telegram that Egypt was to represent Lebanon. Lebanon had submitted its requirements direct to Committee 3.

- 3.5 Mr. Daumard, Chairman of Committee 3, said that an analysis of Lebanon's requirements was to be found on page 13 of Document 97.

- 3.6 Mr. Moussly (Syria) asked for some explanation of Document 103. As was known, Jordan had sent an official telegram (Document 113) to the Chairman of the Conference, confirming the provisional requirements submitted on its behalf by the Syrian Delegation. He was astonished, therefore, that the Chairman of Working Group 3B should have taken it on himself to reduce the requirements officially submitted for Jordan by 10 channel hours. It was indeed surprising that the Chairman of that Group had thought it necessary to grant 52 channel hours (on 75 requested) to the State of Israel, which was much smaller in population and area, but only 18 channel hours (on 28 requested) to Jordan, especially since the Arab peoples were extremely numerous and were scattered over vast territories.

- 3.7 Mr. Daumard, Chairman of Committee 3, explained that Document 113, which contained a copy of the telegram sent by Jordan, was of a later date than Document 115; Committee 3 and its Working Groups had received no confirmation of the requirements submitted on behalf of Jordan, when the Committee's report was being prepared.

He wished to add that Working Group 3B had not exceeded its terms of reference, since Committee 3 had unanimously approved Document 32. In that document, two categories of requirements were mentioned: new requirements and requirements already submitted to the Mexico City Conference. New requirements had to go through the same process as those which had been submitted to the Mexico City Conference.

Moreover, the figures for channel hours shown by the Group were not assignments but proposals in no way binding upon the countries.

- 3.8 Mr. El Bardai (Egypt) observed, with regard to paragraph 4 b) of Document 115, that the requirements submitted by Jordan and Lebanon were minimum requirements and should not have been subject to reductions such as were voluntarily accepted by some countries that had been able to submit their requirements to the Mexico City Conference.

- 3.9 Mr. Rapp (United Kingdom) thought that the matter that had just arisen was connected with an important point, which the Conference should examine, viz : the control of requirements submitted to the Conference. He recalled that, in Mexico City, Committee 6 had checked the various requirements so that they might be better understood; the screening had come later. He also observed that the Chairman of Committee 3 had said that Group 3B only made recommendations; even if Committee 4 were to take no account of them, some indication had to be given of how those requirements were to be modified so that they could be incorporated in the Plan.
- 3.10 Mr. Moussly (Syria) asked : on what basis had Committee 3 made the reductions, especially the reduction of the number of channel hours for Jordan from 28 to 18 ?
- 3.11 Mr. Green (New Zealand) declared that his Working Group had done its work in strict conformity with the terms of reference, as interpreted by the Working Group and by Committee 3 itself, in the spirit of the instructions given by the Plenary Assembly. Group 3B had recommended the reduction of the requirements submitted by Jordan, Israel and Yemen in an attempt to obtain realistic and practical band-loading curves consistent with the preparation of a viable plan. This attempt had been especially facilitated by the comprehension shown by the State of Israel, which had agreed to reconsider its requirements in the light of Committee 3's recommendations. On the other hand, the situation had been more delicate in the case of Jordan and Yemen, since the Delegate of Syria who represented them had not been in a position either to accept or to refuse the proposals the Group was prepared to make.
- 3.12 Mr. El Bardai (Egypt) acknowledged that Group 3B's work had been difficult, since it consisted in consulting countries with a view to reducing their channel hour requirements; but if the requirements submitted by Jordan and Yemen were to be reduced as the requirements submitted in Mexico City had been, they would be obliged to increase their initial requirements.
- 3.13 Mr. Moussly (Syria) wished to have it clearly explained in the minutes that, in submitting its requirements, Jordan had made allowance for the fact that the requirements submitted in Mexico City had had to be reduced. Its requirements should therefore be regarded as an absolute minimum.

- 3.14 Mr. Rapp (United Kingdom) drew the Assembly's attention to the requirements submitted by the Egyptian Delegation on behalf of Palestine (Document 31); they concerned exactly that part of the world under discussion. Jordan had very recently adopted the Arab section of Palestine, and in view of the changed state of affairs, it should be made clear whether the requirements submitted by Jordan included the requirements for Arab Palestine or not. It would be as well if the Delegate of Syria tried to obtain precise information on the matter, so that the Conference could have before it the requirements for unified Jordan as a whole.
- 3.15 Mr. Moussly (Syria) replied that the request for 28 channel hours (Document 103) concerned Jordan alone, before the Arab section of Palestine had been annexed. He reserved the right, in this connection, to present the exact requirements at a later date, when he had obtained the necessary information.
- 3.16 Mr. Kadury (Israel) wished to explain, so as to avoid any possible misunderstanding, that he had agreed to reduce his country's requirements from 75 to 58 channel hours in a spirit of understanding and international collaboration, on the understanding that such a reduction was subject to the acceptance, in toto, of the proposal made by Group 3B on page 2 of Document 103. If the proposal were not accepted he reserved the right to revert to his original requirements.
- 3.17 On the proposal of the Delegate of the United Kingdom, the Assembly passed to the consideration of the report by Working Group 3A (Document 97).
- 3.18 Mr. Rapp (United Kingdom) drew the Assembly's attention to Annex B of the report, containing India's reservation to the effect that "... if any increase in the channel hours allotted to any country in the Basic Plan is considered by the Conference, India completely reserves its position to submit fresh additional demands (over the original requirements submitted at Mexico City) as it deems fit." Acceptance of the above reservation would give India a unilateral advantage; a solution satisfactory to India would therefore have to be found so that the reservation could be deleted.
- 3.19 Mr. Sastry (India) said that he had made the reservation in case further reductions were demanded of countries that had already accepted reductions at the Mexico City Conference; besides, the reservation was not unilateral, since other countries had already supported it and Indonesia had made a similar reservation. If a text could be prepared giving certain guarantees to countries whose requirements had been screened several times and which had accepted the reductions only to facilitate the preparation of the Plan, a more satisfactory situation might be created.
- 3.20 Mr. Daurard (France), Chairman of Committee 3, wished to point out, in reply to the fears expressed by the United Kingdom Delegate, that approval of the report by Working Group 3B in no way entailed acceptance of the reservations made by countries; in approving the report they would merely be acknowledging the accuracy of the information it contained.

- 3.21 Mr. Barringer (United States) gave due credit to the efficient work done by Committee 3, but thought that the existence of Annex B to Document 97 might lead to confusion, especially if paragraph 10 of Document 115 were taken into account. He did not think such reservations need be included, since it was obvious that changes made as the Plan developed were liable to prevent some countries from obtaining satisfaction of their requirements.

He also thought that the expression "screening", which corresponded to the French "filtrage", might well be replaced by the word "compression".

- 3.22 Mr. Leotte (Portugal) wished the following statement to appear in the minutes :

"The Portuguese Delegation considers that the statement appearing in Annex B to Document 97 has very dangerous implications for the work of the Conference and therefore seconds the remarks made by the Delegate of the United Kingdom. Nevertheless, it also has similar observations to make on the subject. The Delegation of Portugal has submitted to this Conference no requirements calling for changes in the Basic Plan, yet it has made no reservations to the report by Committee 3.

"However, the Portuguese Delegation made a statement at the third meeting of the Plenary Assembly that was not included in the minutes. It therefore feels bound to make the following statement :

"If the Conference contemplates increasing other countries' channel hours, with the result that, when the plans are prepared, further reductions, other than those deriving from the adaptation of the Basic Plan, have to be made, the Delegation of Portugal reserves the right to submit, if it sees fit, whatever requirements are necessary to ensure the efficiency of its broadcasting services."

- 3.23 Mr. Arboleda (Colombia) agreed with Mr. Daumard as to the reservations countries might make. Reverting to the remarks by the United States Delegate on the use of the word "screening" ("filtrage" in French), he thought it should not be replaced by "compression" but rather by "shortening" or "cutting", since it was only by "cutting" that a realistic and equitable plan could be prepared. It was not enough to submit requirements; account had also to be taken of the prevailing general situation.

- 3.24 Mr. Daumard (France) made the following statement :

"The French Delegation has listened attentively to the various delegations and would like to make a statement so as to avoid any possible confusion."

"To remove India's reservation from Document 97 on the pretext that, if retained, it would thereby be approved by the Conference, would imply that the Conference accepts the rest of the document, i.e. the new requirements submitted by 29 countries. The French Delegation cannot subscribe to this opinion, since it considers that Committee 3 was to analyse and summarise countries' statements, but on no account adopt them."

Speaking as Chairman of Committee 3, he added that India's reservation also appeared on page 8 of Document 97, under the heading "India".

3.25 Mr. Sastry (India), after listening to the various speeches that has been made, was prepared to contribute towards the rapid progress of the Conference by agreeing to the deletion of Annex B to Document 97.

3.26 Mr. Gnome, Vice-Chairman, was highly gratified by the Indian Delegate's intention to withdraw his reservation contained in Annex B to Document 97.

3.27 Mr. Rapp (United Kingdom) thanked Mr. Daumard for his explanations, which had helped to show the situation in its true light. He also thanked Mr. Sastry for agreeing to withdraw his "reservation" and suggested that, wherever the word appeared in Document 97, it should be replaced by the word "statement" (e.g. : page 4, under the heading "United Kingdom", and page 5, under the heading "United Kingdom Colonies").

3.28 Mr. Sastry (India) wished to associate himself with the Portuguese Delegate's statement and requested that the fact be mentioned in the minutes.

3.29 Mr. Schippers (Indonesia) referred to the text appearing at the top of page 3 of Document 116; he was prepared to delete the sentence : "... and therefore thinks it useful to state that if our sacrifices are not rated by this Conference at their true value the Indonesian Delegation reserves the right to present modified requirements based on the assignments to Indonesia in the Basic Plan".

He wished to make it clear, however, that the deletion of that passage of the text in no way prejudiced his right to submit modified requirements based on the assignments to Indonesia in the Basic Plan.

3.30 Mr. Hendrickx (Belgium) moved that the Assembly adopt the report by Working Group 3A without reservation (requesting that his motion should be recorded in the minutes), since paragraph 10 of the report by Committee 3 clearly stipulated that Documents 97, 103 and 115 were in no way intended to replace the requirements themselves, which remained the sole official expression of countries' claims. He also asked the Assembly what practical steps should, in its opinion, be taken on the report when it had been adopted.

- 3.31 The Chairman considered that when it had been adopted the Report by Working Group 3A could be referred to Committee 4.
- 3.32 Mr. Hendrickx (Belgium) pointed out that Committee 4 was dealing with the Phases of the Plan, other than the Basic Plan. However, all the requirements contained in Document 97 concerned the Basic Plan.
- 3.33 Mr. Arbeloda (Colombia), Chairman of Committee 4, thought it would be reasonable to refer the report to Committee 4, provided its terms of reference were appropriately widened by the Plenary Assembly.
- 3.34 Mr. Daumard (France) did not see any problem, since the terms of reference of Committee 4, as they appeared in Document 27, stipulated, inter alia: "... To recommend, after study of the report of the Requirements Committee, how best to adapt the phases of the Plan to meet objections and requirements."
- 3.35 Mr. Rapp (United Kingdom) seconded the Belgian Delegate's motion to adopt the report by Working Group 3A with the amendments thereto.

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The Assembly rose at 1 p.m., further discussion being adjourned to the following meeting.

Rapporteur,
M. Minutti

Secretary,
J. Millot

Seen,
G. Vallauri,
Chairman

Firenze/Rapallo - 1950

MINUTES

of the

Ninth Meeting of the Plenary Assembly

QUESTIONS DISCUSSED :

1. Consideration of the Report by Committee 3 (Requirements) (Doc. No.115). Continuation of discussion.
2. Provisional Report by the Chairman of Committee 4 (Phases of the Plan).
Procedure to be followed in examining assignments to countries not represented at, or having left the Conference. (See, inter alia, Doc. No.53).
3. Frequency Requirements for Palestine submitted by the Delegation of Egypt (Doc. No.31).
Letter to the Chairman of the Conference from the Delegation of Syria (Doc. No.117).
Letter to the Chairman of the Conference from the Delegation of the State of Israel. (Doc. No.118).
Letter to the Chairman of the Conference from the Chairman of Committee 3 (Doc. No.124).
4. Telegrams to the Secretary General of the Union from the Administrations of the U.S.S.R., the Bielorussian S.S.R., the Ukrainian S.S.R., (Doc.No.120), the Hungarian P.R., (Doc.No.121), Czechoslovakia (Doc. No.122), the Republic of Poland, (Doc. No.148) and the People's Republic of Albania (Doc. No.149), announcing their refusal to contribute towards the expenses of the Conference.

<u>CHAIRMAN</u>	:	Professor Vallauri
<u>VICE-CHAIRMEN</u>	:	Mr. G. Gnème Lt General L. Sacco
<u>SECRETARY</u>	:	Mr. J. Millot

DELEGATIONS PRESENT : Commonwealth of Australia - Austria - Belgium - Burma -
Canada - Ceylon - China - Vatican City - Colombia -
Portuguese Colonies - Colonies, Protectorates and territories under mandate or trusteeship of the United Kingdom of Great Britain and Northern Ireland - Oversea Territories of the French Republic and territories administered as such - Belgian Congo and territories of Ruanda-Urundi - Cuba - Denmark - Dominican Republic - Egypt - United States of America - Ethiopia - Finland - France - Greece - Honduras - India - Indonesia - Iran - Iceland - State of Israel - Italy - Japan - Jordan - Lebanon - Luxembourg - Mexico - Monaco - Nicaragua - Norway - New Zealand - Pakistan - Paraguay - Netherlands - Surinam, Netherlands Antilles and New Guinea - Portugal - French Protectorates of Morocco and Tunisia - Federal People's Republic of Yugoslavia - Southern Rhodesia - United Kingdom of Great Britain and Northern Ireland - Sweden - Swiss Confederation - Syria - United States Territories - Uruguay - Venezuela.

OBSERVERS : United Nations

ALSO PRESENT : Mr. Mulatier, Secretary General of the I.T.U.
Mr. Gracie, Chairman of the I.F.R.B.

1. CONSIDERATION OF THE REPORT BY COMMITTEE 3 (Requirements)
(Document 115) (Continuation of discussion).

- 1.1 The Chairman recalled that the report by Working Group 3 A had been approved by the Plenary Assembly at that morning's meeting. The report of Working Group 3 B now remained to be considered.
- 1.2 Mr. Arboleda (Colombia), added that the Plenary Assembly had agreed that Committee 3's report should be referred to Committee 4, of which he was Chairman, and although he approved of this procedure, he wondered whether the terms of reference of Committee 4 were sufficiently clear.
- 1.3 Mr. Daumard (France), said that Committee 3, of which he was Chairman, had been entrusted with coordinating and standardizing the presentation of the requirements, but was not required either to accept or reject them.
- 1.4 In this connection, he read the terms of reference of Working Group 3 B and added that it was for Committee 4 to accept or reject such requirements. He thought, however, that the terms of reference of this Committee should be made more explicit.
- 1.5 Mr. Arboleda (Colombia), Chairman of Committee 4, observed that a request by a country to transfer one or two transmitting hours from an ordinary period to a peak period, thus congesting a certain band during a critical hour, could not be considered simply as a requested modification but rather as a new requirement.
- 1.6 Mr. Rapp (United Kingdom) thought it would be advisable to examine paragraph 7 of Document No. 115, concerning the frequency requirements of Palestine submitted by the Delegation of Egypt (Doc. No.31), and the requests for frequency assignments for Jordan and Yemen.
- 1.7 The Plenary Assembly would also have to come to some decision regarding the repercussions of the union of Arab Palestine and Jordan on its work.
- 1.8 Mr. Daumard (France), Chairman of Committee 3, pointed out that this Committee's work was merely provisional and would only be of real practical value once the requirements had been acknowledged as justified and had been accepted. Therefore, he proposed that the Assembly should approve Committee 3's report as a whole, and should resume discussion of the questions raised by the United Kingdom Delegation when considering item 4 of the agenda.
- 1.9 Mr. Rapp (United Kingdom), foresaw difficulties due to the fact that the term "Jordan" did not have the same signification for everyone; for some it represented the former Jordan, while for others it implied new Jordan, including Arab Palestine.

- 1.10 Mr. Moussly (Syria), said that the requirements submitted by Jordan related to its own needs; those for the Arab part of Palestine would be submitted in due course.
- 1.11 Mr. Daumard (France), Chairman of Committee 3, said that his Committee had been entrusted with the analysing of the requirements submitted to it. It had studied the official documents with which it had been provided concerning Jordan, Yemen and Palestine and was now preparing a report thereon.
- 1.12 The objections raised regarding the form in which requirements had been presented by certain countries did not concern Committee 3.
- 1.13 The case of Jordan, referred to by the Delegate of the United Kingdom, would have to be considered in conjunction with item 4 of the agenda and the approval of the report by Committee 3 would not in any way influence the decision to be reached on this subject.
- 1.14 As the Delegate of the United Kingdom had expressed some doubt in this respect, Mr. Daumard read sub-paragraph b) of paragraph 7 of the report (Doc. No.115), as follows :
- "As the cases of Jordan and Yemen had been especially included in the terms of reference of Working Group B, Committee 3 decided to request Working Group 3 B to consider these requirements, pointing out that according to the letter from the Delegate of Syria, the requirements had yet to be officially confirmed, and therefore, any decisions reached by the Group could only be of a provisional nature and would have to be confirmed later by the Plenary Assembly."
- He considered it to be quite clear from this text that, in accepting the report, the Plenary Assembly would in no way be bound with regard to the special cases under discussion.
- 1.15 Mr. Kadury (Israel), inferred from the explanations of the Chairman of Committee 3 that the work so far accomplished by Group 3 B might well prove useless, since the entire question might have to be re-discussed.
- 1.16 Mr. Daumard (France), Chairman of Committee 3, had always understood that Committee 3's work was merely preliminary, consisting simply in making recommendations and not in taking final decisions. The Assembly should state clearly, therefore, by whom these decisions were to be taken. In his opinion, this duty should fall to Committee 4, but as the Committee's terms of reference were not sufficiently explicit, this point would have to be specified.
- 1.17 Mr. Kadury (Israel), referring to point 7 b) of Document No.115, stated that, in his opinion, approval by the Plenary Assembly of the report by Committee 3 would imply that the question had been settled.
- 1.18 In Committee 3, the State of Israel had agreed to reduce its requirements, believing that the assignment made to it of 52 hours was final. If the question

was again to be raised in Committee 4, the Committee might assume that this assignment represented Israel's maximum requirements, which was by no means the case.

- 1.19 He wished to state, therefore, that his country might possibly be obliged to re-submit its original requirements.
- 1.20 This statement was duly noted.
- 1.21 Paragraph 7 was approved with due regard to the various comments made thereon.
- 1.22 Mr. Rapp (United Kingdom), considered most expedient the proposal by Committee 3 (para.11, Doc. No.115) to entrust to Committee 4 the supplementary work resulting from the questions raised regarding Palestine, Jordan and Yemen.
- 1.23 The report of Committee 3 (Document No.115) was approved, on the understanding that account would be taken of the statements made during the debate.

2. PROVISIONAL REPORT BY THE CHAIRMAN OF COMMITTEE 4 (PHASES OF THE PLAN)

Procedure to be followed in examining assignments to countries not represented at, or having left the Conference. (See, inter alia, Document No.53).

- 2.1 Mr. Arboleda (Colombia), said that Committee 4, of which he was Chairman, had held four meetings in Florence (see reports in documents nos. 38, 44, 83 and 127) and one meeting in Rapallo, the report of which had not yet been published.
- 2.2 Committee 4 had set up a Sub-Committee, which in its turn had created two Working Groups, one presided over by Mr. J.W. Herbstreit (U.S.A.) and the other Mr. Menezès (Portugal).
- 2.3 The Chairman of the Technical Sub-Group announced that the Group would complete its work four or five days after the end of the Plenary Assemblies.
- 2.4 The terms of reference of Group 4 (Chairman Mr. Metzler), consisted in assembling the comments of the various delegations on the proposals made by the Paris session of the Technical Plan Committee.
- 2.5 April 29 had been fixed as the final date for the submission of these comments and the Group was now engaged in analysing them. The Group itself had been divided up into three sub-groups : Sub-Group No. 1 (Chairman Mr. Axon, United Kingdom), for the examination of the comments on the six phases of the Plan; Sub-Group No.2 (Chairman Mr. H.R. Green, New Zealand), for the examination of bilateral agreements, and Sub-Group No.3 (Chairman Mr. Sastry, India), for the general plan of distribution.

- 2.6 Committee 4 had observed that its terms of reference were restricted, and consequently, the Plenary Assembly would have to specify the exact method by which assignments were to be made to the countries not represented at the Conference.
- 2.7 In the opinion of the Committee, no distinction should be made between the countries which had left the Conference and those that were not represented, since the requirements of both were of equal importance in the preparation of a workable plan.
- 2.8 Once the Plenary Assembly had extended the Committee's terms of reference, it would submit a final report, concerning principally the requirements of the countries not represented.
- 2.9 The difficulties encountered in Mexico had increased and some requirements seemed to exceed technical needs. Therefore, the Committee required terms of reference which would allow it to analyse the requirements and ascertain whether or not they were justified.
- 2.10 Mr. Sastry (India), announced that the first report of the Technical Subcommittee (Doc. No.87) of which he was Chairman had been adopted by Committee 4 with a few slight amendments.
- 2.11 Mr. Rapp (United Kingdom), considered that assignments to countries not represented should be made with complete impartiality and equity. In this connection, he wished to submit to the Plenary Assembly the text of the following resolution (Doc. No.132) :

"When making assignments to countries not represented at the Conference, there shall be no differentiation between them and those that are represented, the Conference recognizing that a successful plan must be based solely on conditions of equity for all alike.

Subject to this general consideration, assignments made to countries not represented at the Conference shall take into account :

- a) the assignments made to those countries in the Basic Plan;
- b) the most recent information which those countries have supplied regarding their requirements, either to the Conference or to the TFC;
- c) the decisions of the International High Frequency Broadcasting Conference on the subject of General Principles listed in Annex 2 to the Mexico City Agreement."

- 2.12 Mr. Barringer (United States), seconded this proposal, which he considered proof of the sincere spirit of cooperation reigning within the Conference. He thought, however, that precisely in virtue of the principles of equity contained in this resolution, the Conference should not hesitate to modify some of the assignments made to the countries not represented. Any other approach would be inequitable to those nations present and would not coincide with the spirit of the Atlantic City Convention . (*).

(*) This statement appears in extenso in Document No. 133.

- 2.13 General Sacco (Italy), speaking in the name of the Italian Delegation, supported the United Kingdom proposal which appeared to him to be just and necessary.
- 2.14 Mr. Melgar (Mexico) and Mr. Leotte (Portugal), supported the proposal and asked that it should also be applied to countries not Members of the Union.
- 2.15 Mr. Daumard (France), strongly supported the British proposal and the observations made by the American Delegation.
- 2.16 It would be inconceivable to attempt to establish a plan which was not based on principles of complete equity, and this implied not only the possibility of an increase, but also, perhaps, of a reduction in assignments to the countries not represented at the Conference.
- 2.17 Mr. Melgar (Mexico), suggested that point b) should be worded as follows : "the most recent information which those countries have supplied, or might supply, to the Conference" (Doc. No.132).
- 2.18 Mr. Moussly (Syria), was prepared to accept the British proposal, but suggested the addition of the following words after the words "have supplied" : "or might supply, and any further information which it may be possible to obtain regarding the requirements of those countries".
- 2.19 Mr. Popovic (Yugoslavia) considered that all countries should be dealt with on the same footing of equality and that sufficient consideration had not been given to the number of transmitters at present operating, since some countries had been able to construct these during the war while it had been totally impossible for others to do so.
- 2.20 Mr. Rapp (United Kingdom), quite understood that the aim of the various amendments proposed was to allow those delegations which had not so far been able to do so, to supply the necessary information, but it should be borne in mind that the directives were intended for the Phases of the Plan Committee which had to begin its work at once. The Delegation of the United Kingdom, therefore, thought that a final date, 20 May, for example, should be fixed for the submission of the last requirements, in order to avoid constant repetition of work already done.
- 2.21 Mr. Daumard (France), observed that the United Kingdom proposal referred to Annex II of the Mexico Agreement. This Annex dealt with the question of countries which had suffered damage during the last war and those that had been unable to develop their broadcasting as they would have wished, as well as the case of countries such as Pakistan, which, as a result of extraordinary circumstances, were in a similar position.
- 2.22 Therefore, the United Kingdom text should dispel the doubts expressed by the Delegate of Yugoslavia and give general satisfaction to all the delegations.
- 2.23 Mr. Melgar (Mexico), suggested that the text of this resolution should be

telegraphed to all the countries not represented at the Conference.

- 2.24 Mr. Popovic (Yugoslavia), endorsed this proposal and suggested that the text be forwarded to all the administrations of Member or Non-Member Countries of the Union.
- 2.25 Mr. Mulatier, Secretary General of the Union, said that this was an extremely delicate question. The extent of the relations of the General Secretariat of the I.T.U. with non-Member countries had been prescribed by the Administrative Council, and the Secretary General could not depart from these principles by sending the text in question to countries which were not Members of the Union.
- 2.26 The delegations which had relations with countries with whom the Union had no official relations could, perhaps, be responsible for sending this communication.
- 2.27 Mr. Gneme, Vice-Chairman, considered that the Chairman of the Conference was also bound by the decisions of the Administrative Council and was therefore not in a position to take such a step.
- 2.28 If the suggestion of the United Kingdom were widely enough circulated at the time of its adoption, it would in this way be brought to the notice of all the countries.
- 2.29 Mr. Henderickx (Belgium), thought that the Conference should consider the consequences of this proposal and asked whether its authors intended to send questionnaires to the countries concerned, thus paving the way for the submission of new requirements.
- 2.30 Mr. Rapp (United Kingdom), suggested that the resolution should simply be sent to all the countries concerned for their information. It would then be up to them to take any steps which they considered necessary.
- 2.31 The meeting was adjourned at 5.30 and resumed at 5.50.
- 2.32 Mr. Metzler (Switzerland), recalled that the question had first been raised in Plenary Assembly by the Delegate of Indonesia. It had then been re-discussed in Committee 4's Working Group, and as Chairman of this Group, Mr. Metzler had submitted the question in writing to Committee 4 which had decided that only the Plenary Assembly was competent to deal with it.
- 2.33 The Administrations had been asked originally to submit their comments by 20 February. Later, the Conference had fixed a new time limit, namely, 29 April, and now, on 10 May, it seemed that the way was to be opened to all kinds of requirements.
- 2.34 In this respect, the Delegate of Switzerland shared the apprehensions of the Delegate of Belgium, and asked that 29 April should be maintained as the final date. He hoped that the Conference would confine itself to taking the initial resolution

proposed by the United Kingdom and would give up the idea of sending telegrams to all the non-Member countries.

- 2.35 The Rev. Father Soccorsi (Vatican City), seconded the proposal by the Delegate of Switzerland. A telegram sent to all the absent countries might be interpreted as an authorization to submit all kinds of new requirements, while the original requirements, as well as those relating to the Paris Plan, should already have been filed. The necessary information for any future modifications could always be obtained, but it would be wrong to make the activity of the countries present depend upon the wishes of the absent countries.
- 2.36 Mr. Rapp (United Kingdom), stated that the sole purpose of his proposal was to facilitate the work of the Conference. He quite appreciated the arguments put forward by the Delegate of Switzerland, but on the other hand, it would be only right to allow an additional time limit for those countries which had not so far been able to supply the essential information.
- 2.37 In his opinion, the Chairman of Committee 4 was in the best position to guide the Conference in this respect, since his Committee was responsible for the phases of the Plan.
- 2.38 Mr. Arboleda (Colombia), Chairman of Committee 4, explained that he had refrained from intervening earlier in the discussion in order to allow the Conference to express its opinion freely, but he wished to state that he was in complete agreement with the comments made by the Delegates of Belgium and the Vatican City, and he was in favour of adopting the original text of the United Kingdom proposal.
- 2.39 Mr. Gneme (Italy), said that, after hearing the Delegates of Switzerland and the Vatican City, the Italian Delegation also considered that it would be better to keep to the original United Kingdom proposal, and thus enable the Conference to carry on with its work immediately and to good purpose.
- 2.40 Mr. Mulatier, Secretary General of the I.T.U., considered that the adoption of the original United Kingdom proposal would obviate the difficulties which had been raised with regard either to China or to other countries, and although these were secondary considerations, they might be sufficient to induce the Conference not to amend the original proposal.
- 2.41 Mr. Popovic (Yugoslavia) thought that considerations of form should not be allowed to influence the main issue and he was sorry to observe the tendency of some delegations to modify their opinion. He himself considered that the amendment proposed by the Delegation of Syria would better facilitate the progress of the work of the Conference than would the original text.
- 2.42 Mr. Moussly (Syria) thought that everyone would be satisfied if the Conference adopted the original United Kingdom text with the addition of the words "or information gathered by the Conference" after the words "which those countries have supplied". (Doc. No.132).

- 2.43 A brief discussion ensued between the delegates of Mexico, the Netherlands, Ceylon, India, the Chairman and the Vice-Chairman, and it was finally decided that the United Kingdom proposal and amendments should be submitted in writing to the Conference, which would resume consideration of the question at a later date. (These texts appear in Doc. No.132).

3. FREQUENCY REQUIREMENTS FOR PALESTINE SUBMITTED BY THE DELEGATION OF EGYPT (Doc. 31).

Letter to the Chairman of the Conference from the Delegation of Syria (Doc.117).

Letter to the Chairman of the Conference from the Delegation of the State of Israel (Doc.118).

Letter to the Chairman of the Conference from the Chairman of Committee 3 (Doc. 124).

- 3.1 The Chairman explained the content of Docs. 31, 117, 118, and 124 and said that he would recognise the Delegate of Egypt, then the Delegate of the State of Israel and finally Mr. Daumard, the Chairman of Committee 3.
- 3.2 Mr. El Bardai (Egypt) then made the following statement, given in extenso at his request:
- "I regret that I have to take up a little of your precious time to explain to those of you who do not already know the conditions in Palestine the status of this country.
- 3.3 "According to a decision of the U.N., Palestine is to be divided into two parts, an Israeli part and an Arab part, and, according to a recent decision of the Trusteeship Council of the U.N., Jerusalem is to be an international city.
- 3.4 "The actual situation now existing in Palestine is that there are parts occupied by the Israeli forces and parts occupied by countries of the Arab League, namely, Transjordan, Syria and Egypt.
- 3.5 "I would not like to go into more political details, as our Conference is a technical and not a political Conference.
- 3.6 "These being the conditions, you will see, Mr. Chairman and Gentlemen, that both the Egyptian Government and the Transjordan and Syrian Governments are directly concerned in Palestine, and have every right, and it is even their duty, to ask for the broadcasting high frequencies they deem necessary for the benefit of this part of Palestine.
- 3.7 "It is normal and legal, from an international point of view, that occupying countries take care of the needs of the parts they occupy, until their

matters are finally settled. This is exactly the same case as Germany, where the occupying countries put forward the requirements they considered their duty to submit.

- 3.8 "This, Mr. Chairman and Gentlemen, is not the first time that the case of Palestine has been discussed in I.T.U. Conferences; it has been discussed in the Copenhagen, Region 1 and Mexico City Conferences.
- 3.9 "At the Copenhagen Conference, as the European delegates will no doubt remember, Palestine was assigned frequencies, although nobody was representing it and no part of it was a Member of the U.N. or the I.T.U.
- 3.10 "At the Regional Conference, the Conference decided, for the frequency 323 kc/s assigned to Jerusalem, to place a footnote on the appropriate place of the plan, reading as follows :
- 'The indication in Column 3 will be filled when the question of the status of Jerusalem is finally determined by the U.N. Organisation.'
- "The frequency was assigned to Jerusalem, and not to a definite government.
- 3.11 "Lastly, at the Mexico City Conference, the U.S.A., in their plan, as shown in Doc. 465, assigned 17 channel-hours to Palestine and 14 channel-hours to the Israeli part. The Mixed Group 6A and 6D in that Conference, presided by the honourable observer from the U.N., Mr. van Dissel, assigned 14 channel-hours to Palestine and 14 channel-hours to the Israeli part. (Doc. 493).
- 3.12 "To sum up, Mr. Chairman and Gentlemen, we have every right to advocate the needs of Palestine. I would also like to mention that countries which are not Members of the I.T.U. and are not represented at this Conference, like Outer Mongolia, are given frequencies in the basic plan.
- 3.13 "It is in the interests of this Conference and the plan it is going to establish to satisfy the needs of all and to receive the maximum approval.
- 3.14 "As to Document 118, where it is stated that there is no country called Palestine, I would like to ask the author to which country in the world does Gaza belong, if not to Palestine ?
- "In the meantime, if you will allow me, Mr. Chairman, I should be grateful to the honourable observer from the U.N. if he can confirm or refute the status of Palestine, as I have explained."
- 3.15 Mr. Kadury (Israel) confirmed the letter dated 2 May (Doc.118) sent by his delegation to the Chairman of the Conference.
- 3.16 He said it was common knowledge that the former territory of Palestine was now administered partly by the State of Israel and partly by the Hashimite Kingdom of Jordan. It was true that a few square kilometres were occupied by

Egyptian troops, but frequency requirements could be submitted only by a properly constituted administration; there was no Arab Palestine government and no Arab Palestine administration, even in Gaza. Before allotting channel-hours, it was also necessary to make sure that those who asked for them had some electricity and a broadcasting service.

- 3.17 The United Nations had repeatedly made it clear who the successors to the Government of the Mandated Territory of Palestine were, and so, considering how matters stood, the Egyptian Delegation's request was liable to confuse the issue.
- 3.18 Mr. El Bardai (Egypt) replied that there was an administration and PTT offices at Gaza having circuits known to the Secretariat of the I.T.U.
- 3.19 He thought so far as the broadcasting service was concerned, that it was the duty of every occupying power to look after the interests of the territory it occupied until final decisions by the United Nations became operative.
- 3.20 Mr. van Dissel (United Nations) pointed out first of all that he was attending the Conference as a technical and not as a political delegate.
- 3.21 The meeting was discussing recent developments in the situation in what had formerly been Palestine which had not yet been officially brought to the notice of the United Nations. It appeared that, so far, only the United Kingdom had recognised the transfer to Jordan of the Arab occupied areas, except for certain territories occupied by Syrian and Egyptian forces.
- 3.22 According to information received from Lake Success, the situation in Palestine was as follows :
- 3.23 The Jews and Arabs each occupied a part of the country, the Arabs being largely from Jordan.
- 3.24 In November 1947, the General Assembly of the United Nations had decided that the City of Jerusalem should have international status; that decision had been confirmed at the 4th Session of the Assembly, which had instructed the Trusteeship Council to prepare the statute of the City.
- 3.25 This the Trusteeship Council had drawn up at its 6th Session, which had just ended in Geneva. It contained clauses specifying that it would come into force at a date to be fixed by the Trusteeship Council itself. It had been submitted for approval to the Governments of the State of Israel and Transjordan, and would not be implemented until that approval had been given.
- 3.26 The Israelis were at the moment in possession of the modern part of Jerusalem, whilst Jordan occupied the Old City, and there were no economic relations between the two parts of the town.
- 3.27 It was not possible to form a very clear idea of the problem submitted to the Conference from the information received. The only conclusion which could be drawn was that, in fact, Palestine was divided into two parts, one under the

control of the Egyptian Government, and the other under the control of the occupation troops of Jordan, Egypt and Syria.

- 3.28 He could not foresee what the situation would be in the future. For the time being, he could only confirm that the United Nations had not recognised any other situation and that his statement was not to be taken as influencing any future decision one way or the other.
- 3.29 Mr. Green (New Zealand) thought that a few comments from a delegation which, like his own, was not directly concerned might help to clear the issue.
- 3.30 There seemed to be no difference of opinion over the fundamental question, that three countries, Egypt, Israel and Jordan were concerned.
- 3.31 Arab interests were defended by Jordan and Egypt, and the Conference itself had to try to reach some agreement.
- 3.32 Certain documents showed that the transmissions to those regions were especially sent out with omnidirectional antennas covering an area of 500 to 1000 miles. From this angle, the minor frontier changes which might be made seemed therefore fairly secondary considerations.
- 3.33 It would consequently be neither justified nor logical to submit requests for frequency assignments on the basis of such minor frontier changes.
- 3.34 The problem would appear in a different light if Jordan and Egypt asked for new assignments for themselves. If this were so, they would have to be examined.
- 3.35 Mr. El Bardai (Egypt) replied that this was by no means true of his country, which accepted the Mexico City Plan.
- 3.36 The requests for assignments submitted were for the part of Palestine occupied by Egypt.
- 3.37 The United Kingdom and France, although near Germany, had asked for frequencies as occupying powers because they needed them for broadcasting. It was precisely the same with Palestine. When the United Nations had come to a decision, the frequencies allotted to the Arab part of the country would no longer be used by Egypt, the occupying power, but would be made available to the legal government, whatever it might be.
- 3.38 Mr. Kadury (Israel) asked whether the requirements submitted by Egypt referred only to that part of the country in the hands of the Egyptian forces.
- 3.39 He also pointed out that Syria occupied no part of what had formerly been Palestine.
- 3.40 Mr. El Bardai observed that Document 113 showed the frequency requirements of his country for Arab Palestine were supported by Jordan.

- 3.41 Mr. Jayasekara (Ceylon) noted that Egypt and Jordan were submitting joint frequency requirements for the Arab part of Palestine, but wanted to know whether other governments also had requirements to submit for that area.
- 3.42 Mr. Rapp (United Kingdom) was pleased to see that the Conference was being realistic and was nearing a solution. The former Arab Palestine was at present occupied by two powers, Egypt and Jordan.
- 3.43 The Delegate of Egypt had stated that he would restrict his requirements to what was necessary for the area occupied by his country, around Gaza. The rest of the territory was apparently incorporated in Jordan and it was only right that any requirement relating to the area should come from that country. The solution seemed to have become much more simple.
- 3.44 Mr. Moussly (Syria) referred to the statement by the Delegate of the United Nations, according to whom parts of what had been Palestine were now occupied respectively by the forces of Israel, Egypt, Jordan and Syria.
- 3.45 Referring to the statement by the Delegate of Israel, he said that the Syrian forces were mainly in the area of Mishmar Heirben and Homma.
- 3.46 The Syrian Delegation, on behalf of its government as the occupying power, and on behalf of the Government of Jordan, also an occupying power, had supported the frequency requirements submitted by Egypt for all of Arab Palestine not in the hands of the Israeli occupation force.
- 3.47 If Egypt restricted its requirements to that part of the territory it occupied, the Governments of Jordan and Syria would also submit requirements for the parts of former Palestinian territory which they respectively occupied.
- 3.48 Mr. Kadury (Israel) challenged the allegations made by the Delegate of Syria and said that, since the armistice, the part of the country he had mentioned had been in the hands of Israel. Therefore, only Jordan and Egypt could claim certain frequencies. It should be noted, however, that Egypt had not submitted its requirements in accordance with the established procedure, since, instead of submitting them as the occupying power, it had submitted them in the name of a non-existent administration.
- 3.49 Mr. Moussly (Syria) replied that, before he came to Italy, he had visited Homma and was well aware of the situation in that part of the country. He could therefore only invite the Delegate of the State of Israel to go there in person and see whether what he said was true.
- 3.50 The Chairman said the discussion had shown that what had formerly been Palestine was now occupied by four powers and he asked them to submit their frequency requirements.
- 3.51 Mr. Rapp (United Kingdom) agreed with such a course of action but, to avoid any further confusion or misunderstanding, suggested that the countries concerned

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should very clearly define the areas for which they were submitting requirements.

- 3.52 Mr. Kadury (Israel) insisted that the requirements should be submitted by the competent administration, that is, the one responsible for administering the country. The requirements had also to be accompanied by a map showing the regions to which the administration concerned referred.
- 3.53 The Delegates of Egypt and Syria pointed out how difficult it would be to meet such a wish.
- 3.54 After a short discussion, it was decided that the requirements should be submitted three working days after the Plenary Assembly had finished considering its agenda.
- 3.55 The requirements would be referred to Committee 4, which would examine them to see whether they were complete and adequate to form the basis for a decision.
- 3.56 At the request of Mr. Daumard (France) as Chairman of Committee 3, the Chairman threw open the discussion on the problem of Yemen.
- 3.57 Mr. Moussly (Syria) thanked Mr. Daumard for having raised the point. Syria had submitted frequency requirements for Yemen, but as Document 117 showed, they had to be confirmed by the Government of Yemen itself. No such confirmation had so far arrived, but the Delegation of Syria was anxious that the provisional information it had provided should be considered.
- 3.58 Mr. Daumard (France), Chairman of Committee 3, said that his purpose in raising the point had been to obtain the confirmation of the Assembly that when the requirements of Yemen arrived, they would be dealt with by Committee 4 with due regard being given to the provisional information collected by Committee 3.
- 3.59 It was so decided.

4. TELEGRAMS TO THE SECRETARY GENERAL OF THE UNION FROM THE ADMINISTRATIONS OF THE U.S.S.R., THE BIELORUSSIAN S.S.R., THE UKRAINIAN S.S.R. (Doc. 120), THE HUNGARIAN P.R. (Doc.121), CZECHOSLOVAKIA (Doc. 122), THE REPUBLIC OF POLAND (Doc.148) AND THE PEOPLE'S REPUBLIC OF ALBANIA (Doc. 149), ANNOUNCING THEIR REFUSAL TO CONTRIBUTE TOWARDS THE EXPENSES OF THE CONFERENCE.

- 4.1 Mr. Daumard (France) requested an exact account of the financial repercussions, for the countries taking part in the conference, of the statements by the countries not taking part.
- 4.2 He also wished to know whether the documents published by the Conference, final report, etc., would still be forwarded to the administrations in question.
- 4.3 Mr. Mulatier, Secretary General of the Union, replied that, by the terms of the regulations, the final acts of the Conference would have to be forwarded

on request to any Members of the Union, whether or not they were present at the Conference, in one of the five official languages.

- 4.4 Furthermore, Article 14, para. 3 (1) of the International Telecommunication Convention stipulated :

"3. (1) The extraordinary expenses shall include all expenses pertaining to plenipotentiary conferences, administrative conferences and meetings of the International Consultative Committees. They shall be borne by the Members and Associate Members who have agreed to participate in these conferences and meetings."

- 4.5 The problem might seem delicate, but it seemed clear that States that had accepted the invitation to participate in a conference and had sent delegates were bound by that text.

- 4.6 Some delegates might wonder whether such States could, in all fairness, be obliged to pay the whole of what they would ordinarily have paid had they taken part in the Conference.

- 4.7 It would be as well if the matter could be studied by a Committee of the Conference, by the Budget Committee, for example. However, it would have to be submitted to the Administrative Council, which alone was competent to reach a final decision.

- 4.8 Mr. Rapp (United Kingdom) also wished to know exactly what extra expenses would fall to the countries taking part in the Conference.

- 4.9 Mr. Mulatier, Secretary General of the Union, replied that the countries attending the Conference would, of course, have to share the additional expenses if they decided to exonerate the countries not participating in the present session from all payment. For certain countries that would entail a fairly considerable sum.

- 4.10 The Secretariat of the I.T.U. would, in any case, submit the matter to the Administrative Council at the same time as its report on the Florence/Rapallo Conference.

- 4.11 Mr. Arboleda (Colombia), seconded by Mr. Sastry (India), moved that discussion of the matter be adjourned, since it had proved to be more complicated than it had at first appeared.

- 4.12 Mr. El Bardai (Egypt) proposed referring the problem to the Administrative Council.

- 4.13 Mr. Gneme, Vice-Chairman of the Conference, seconded that motion on behalf of the Italian Delegation. However, if the Conference thought fit to study the matter, the Secretariat would presumably have no great difficulty in supplying exact figures on the additional financial burden that might have to be borne by

the countries taking part, since the budget had been drawn up and each State's share could be calculated.

4.14 Mr. Daumard (France) recalled that the Budget Committee had held lengthy debates on the possibility of economising; economies would be all the more important if the expenses of the Conference were to be borne only by the Delegations present. Whatever the decision taken, it would be of advantage for the Conference to have the most exact information possible on the financial repercussions of the decision by certain States not to contribute towards the expenses of the Conference.

4.15 The Delegate of Colombia stressed the importance of the problem; he did not think that it should simply be referred to the Administrative Council, since it might well be asked what the result would be if the example given by the delegations that had left the Conference after agreeing to take part were followed by a large number of States.

4.16 The Assembly decided to defer consideration of the problem.

4.17 The meeting rose at 7.30 p.m.

G. Tripet
Rapporteur

J. Millot
Secretary

Seen,
G. Vallauri,
Chairman

Firenze/Rapallo - 1950

COMMITTEE 5

IMPLEMENTATION OF THE PLAN

Draft Resolution

submitted by the Secretary General of the I.T.U.

The Firenze/Rapallo High Frequency Broadcasting Conference resolves that, until the Buenos Aires Conference, the I.F.R.B. shall be the organisation entrusted with the implementation of the High Frequency Broadcasting Plan.

So that it may be able to carry out this task, the Administrative Council is requested to authorise the I.F.R.B. to exercise, as regards H.F. broadcasting, the powers conferred upon it by the Atlantic City Convention and Radio Regulations, without awaiting the results of the work of the Administrative Conference entrusted with the preparation of the new frequency list.

To give clear guidance, the following instructions have been prepared. Broadly speaking these instructions recapitulate the duties of the I.F.R.B. as defined at Atlantic City for the radio services as a whole. Slight extensions of these duties however may occur to meet the special needs of high frequency broadcasting. The tasks entrusted to the I.F.R.B. by the CIRAF that coincide exactly with those laid down for that organisation by the Atlantic City Convention and Radio Regulations shall be carried out with the credits provided by the Atlantic City Convention for the permanent organs of the UNION as a whole.

In respect of other duties (or extensions of duties) which do not coincide exactly with those laid down in the Convention and the Radio Regulations the Administrations represented at the Conference of Firenze/Rapallo undertake to pay the additional costs incurred not only by the I.F.R.B. but also by the Secretariat General and the C.C.I.R.



Firenze/Rapallo - 1950

COMMITTEE 3

REQUIREMENTS COMMITTEE

Report of the seventh meeting

8 May 1950, 4 p.m.

Chairman : Mr. Daumard (France)

Vice-Chairmen : Mr. H.J. Schippers (Indonesia)
Mr. J.A. Lopez (Venezuela)

1. The Chairman observed that Committee 3 was the first to meet in Rapallo under the Chairmanship of a foreign delegate. Without waiting for the next Plenary Assembly at which others would offer official thanks, he wished therefore to express the warm gratitude of all delegations for the excursion to Rome and for the unforgettable welcome that the Administrations of Italy and the Vatican City had given them.

Applause.

2. Report of the fifth meeting (Doc. 109)

Following an observation by the Delegate of India, point (b) of subparagraph 2.1 was deleted. The statement by the Delegate of India attached to the present report was to be annexed.

With the above amendment, Document 109 was approved.

The Report of the sixth meeting (Doc. 116) was approved.



3. The Chairman drew attention to the Report by Committee 3 (Doc. 115); in paragraph 2 there was a typing mistake: "Green (New Zealand)" should be replaced by "Schippers (Indonesia)".

A discussion ensued on paragraph 9, between the Delegates of Indonesia and of India. It was decided to annex to the final report the reservation by Indonesia appearing in Document 116 (1.1 (d)).

In the same connection, the Delegate of the Netherlands made the following statement :

"With regard to the paragraph concerning New Guinea in the statement by the Delegate of Indonesia (Doc. 116), the Delegate of the Netherlands endorses that statement and emphasizes that there is no contradiction between it and the arguments advanced by the Netherlands in support of their requirements for New Guinea. The Netherlands Delegation clearly stated that the Netherlands would be entirely responsible for the territory in question 'until further notice' ".

Item 11. The Committee agreed to propose that the Plenary Assembly, after dealing with the special cases of Palestine, Jordan and Yemen, should give terms of reference direct to the Phases of the Plan Committee.

4. The Delegate of India congratulated the Chairman on the efficiency and rapidity with which he had executed his task. Applause.

The Chairman thanked the Committee.

5. The Delegate of Switzerland pointed out that Document 115 should be dated 8 May and not 2 May.

Rapporteurs:
L. SPONZILLI
B.P. GORDON

L. DAUMARD,
Chairman

ANNEX

The Delegate of India stated that :

- (1) As far as countries who do not have any assignments in the Basic Plan are concerned the Delegation of India will follow the same course as will be decided by other countries signatory to the Basic Plan.
- (2) Regarding additional requirements of countries who have assignments in the Basic Plan, India completely reserves her position to submit additional demands in case the Conference decides to consider the additional requirements of any other country and
- (3) Although India's needs for additional circuits were very acute, India did not submit any additional demands but readjusted her schedules by sacrificing some of her Basic Plan circuits to make provision for her latest needs.

M. L. SASTRY

For Delegation of India.

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.166-E

17 May 1950

COMMITTEE 4

UNITED STATES

The United States Delegation submits for the information of this conference the attached paper entitled "Use of Field Intensity Charts". This paper explains in further detail the use of the nine volumes of Field Intensity Charts published by the I.T.U. at the Mexico City High Frequency Broadcasting Conference.



Dn/Bc

USE OF FIELD INTENSITY CHARTS

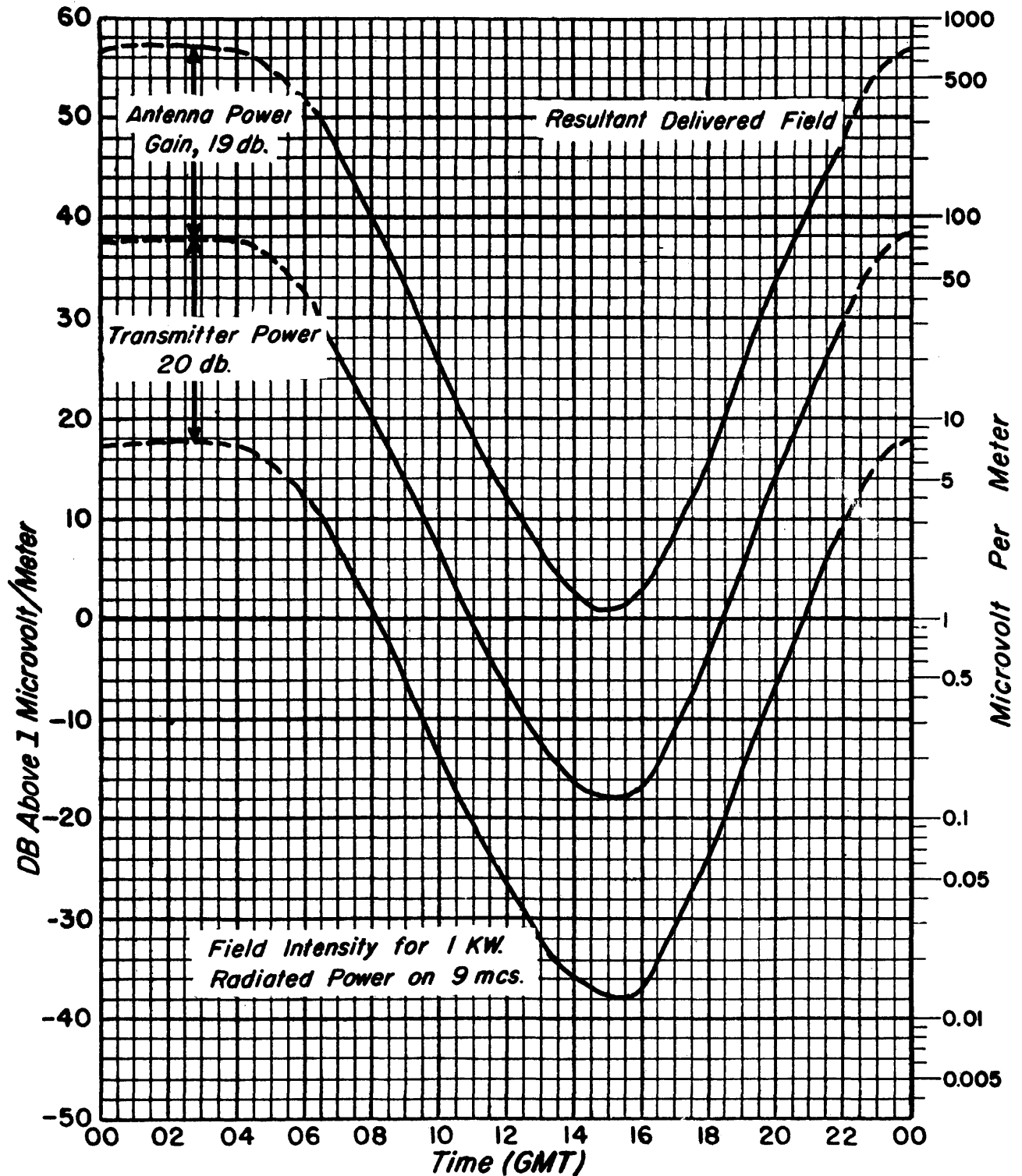
Figure 1 illustrates the usage of the delivered median field intensity curves. The lowest curve is the field intensity delivered at the receiver in area 11 on 9 megacycles when the transmitter in area 28 is broadcasting with 1 kilowatt effective radiated power. If the transmitter is operating with 100 kilowatts (20 db above 1 kW) and no gain in the antenna, the delivered field is 20 db above the reference curve. If a curtain antenna with a power gain of 80 times or 19 db is used with the 100 kilowatt transmitter, the resultant delivered field is 19 db above the 100 kilowatt curve as indicated by the top curve.

The delivered median field intensity curves may also be used to determine sharing possibilities. In figure 2 an example of sharing between area 11 and area 28 on 6 megacycles is illustrated. The desired signal is in area 11 with service to circular area of 500 kilometer radius. The undesired signal is the signal originating in area 28 for local service however, due to propagational characteristics the signal is received in area 11. Assuming that the desired to undesired signal ratio required for sharing channel is 40 db, the signal ratio is less than 40 db between the 2200 to 0600. Between the hours of 0600 and 2200 the signal ratio is greater than 40 db and the operating time may be shared. However, between the hours of 0200 and 1430, the optimum working frequency is below 6 megacycles as indicated by the dash line. Therefore the hours for sharing, as far as area 11 is concerned, is between the hours of 1430 to 2200. To determine the useful sharing hours for area 28, the field intensity curve for 500 kilometer radius service of that area should be substituted for the curve for area 11.

In working on numerous sharing problems it is impractical to draw each set of curves as in figure 2 to determine the sharing possibilities. By a simplified method, a same conclusion may be reached. Take, for example, the field intensity charts such as area 11, 500 kilometers and area 28 to area 11, and superimpose the charts so that 40 db line of area 11 coincides with 0 db line of the chart from area 28 to area 11. If any portion of the undesired curve is above the desired curve, the desired to undesired signal ratio is less than 40 db. And if any portion of the curve is below the desired curve, the ratio is greater than 40 db. The examination of the superimposed curves for 6 megacycles would reveal the same useful hours of sharing operation as above. In analyzing the sharing problem, the effective radiated powers of the two stations were assumed to be equal.

DELIVERED MEDIAN FIELD INTENSITY

TRANSMITTING AREA 28 RECEIVING AREA 11
 MONTH June SUNSPOT NUMBER 5
 DISTANCE 9500 Km

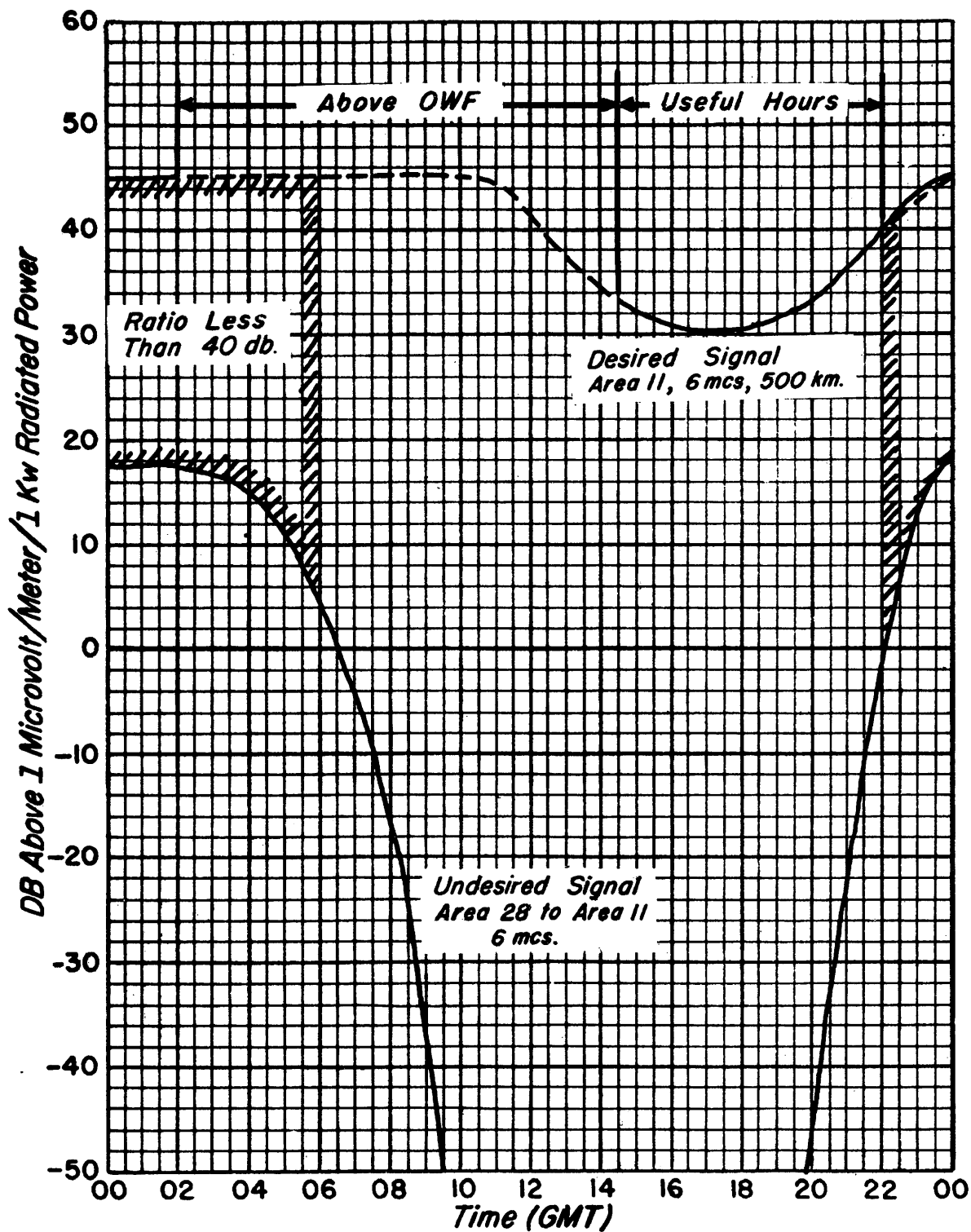


48028

Figure 1

DELIVERED MEDIAN FIELD INTENSITY

TRANSMITTING AREA ----- RECEIVING AREA -----
 MONTH ----- SUNSPOT NUMBER -----
 DISTANCE ----- Km



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.167-E

17 May 1950

UNITED STATES OF AMERICA

The United States Delegation submits for the information of this conference the attached paper entitled "Procedure for the Determination of Received Field Intensity". This paper explains the method used in preparing the Received Field Intensity Charts in use by this conference.

Re/Bc



PROCEDURE FOR THE DETERMINATION OF RECEIVED FIELD INTENSITY

Reference : National Bureau of Standards Circular 462.

For Paths Greater Than 3200 Kilometers.

1. The Great Circle Distance.

- a. Place a piece of transparent paper over the map (Fig. 1) and draw equatorial line (zero degrees). Place dots over the location of the transmitting and receiving stations. Also mark the Greenwich Meridian.
- b. Place the transparency over the great circle chart (Fig. 2) and keeping the equatorial line of the transparency always on the equatorial line of the chart, slide the transparency horizontally until the terminal points marked on it fall either on the same great circle or the same proportional distance between adjacent great circle curves. Draw in the great circle path which passes through the terminal points.
- c. Without removing the transparency from the great circle chart, divide the great circle into 500 kilometer increments.

2. Absorption Factors K_1 and K_2 and Distance D' .

- a. Since the delivered field intensity varies from month to month and from hour to hour, factors K_1 , K_2 , and D' must be found for each month and for each hour or for the month and hour desired. One chart (the June chart, Fig. 3) has been used to determine both June and December values of absorption by inverting the north and south latitude scales and correcting the time scale accordingly. Fig. 4 is used for equinox conditions.
- b. With Greenwich Meridian as reference, start at 00 hour and for each 4 hour interval, note where the terminal points of the path fall on the curves. The readings are for K_1 and K_2 which are to be filled in the attached form. Also note the distance the path falls in the absorption zone D' .

3. Determine K_d .

- a. Use figures 7.46 and 7.47, (NBS Circular 462).

4. Auroral Absorption.

- a. For paths which cross the auroral zone, the auroral absorption factors must be determined. These are found by placing the transparency over the auroral zone absorption map (Fig. 5) with Greenwich reference lines coinciding. (Fig. 5 is PFB revision of absorption index chart.)
- b. The maximum absorption factor any path is susceptible to is 2.5. This occurs when any path is either tangent to or crosses and returns over the 2.5 curve. If the path is tangent to any of the other curves but does not cross the 2.5 curve; the value at the point of tangency is the auroral absorption factor.
- c. Add the auroral absorption factor to K_d and fill in column for K_{da} . The auroral factor should be noted in the upper right hand corner of the K_{da} box.

5. Seasonal Variation Factor J.

- a. The absorption of signal due to seasonal change must also be considered. The values are found in the Table 7.1 (NBS 462) and filled in the form.

6. Absorption Factor A_{od} .

- a. The absorption factor for sunspot 0 is the product of J and K_{da} . If the path does not enter the auroral zone, A_{od} is the product of J and K_d .
- b. The absorption factors for sunspots 70 and 125 are the product of A_{od} for sunspot 0 by the factors 1.35 and 1.625 (sec. 7.5e NBS 462) respectively. (This step may be eliminated. See 7b below)

7. The Incident Field Intensity.

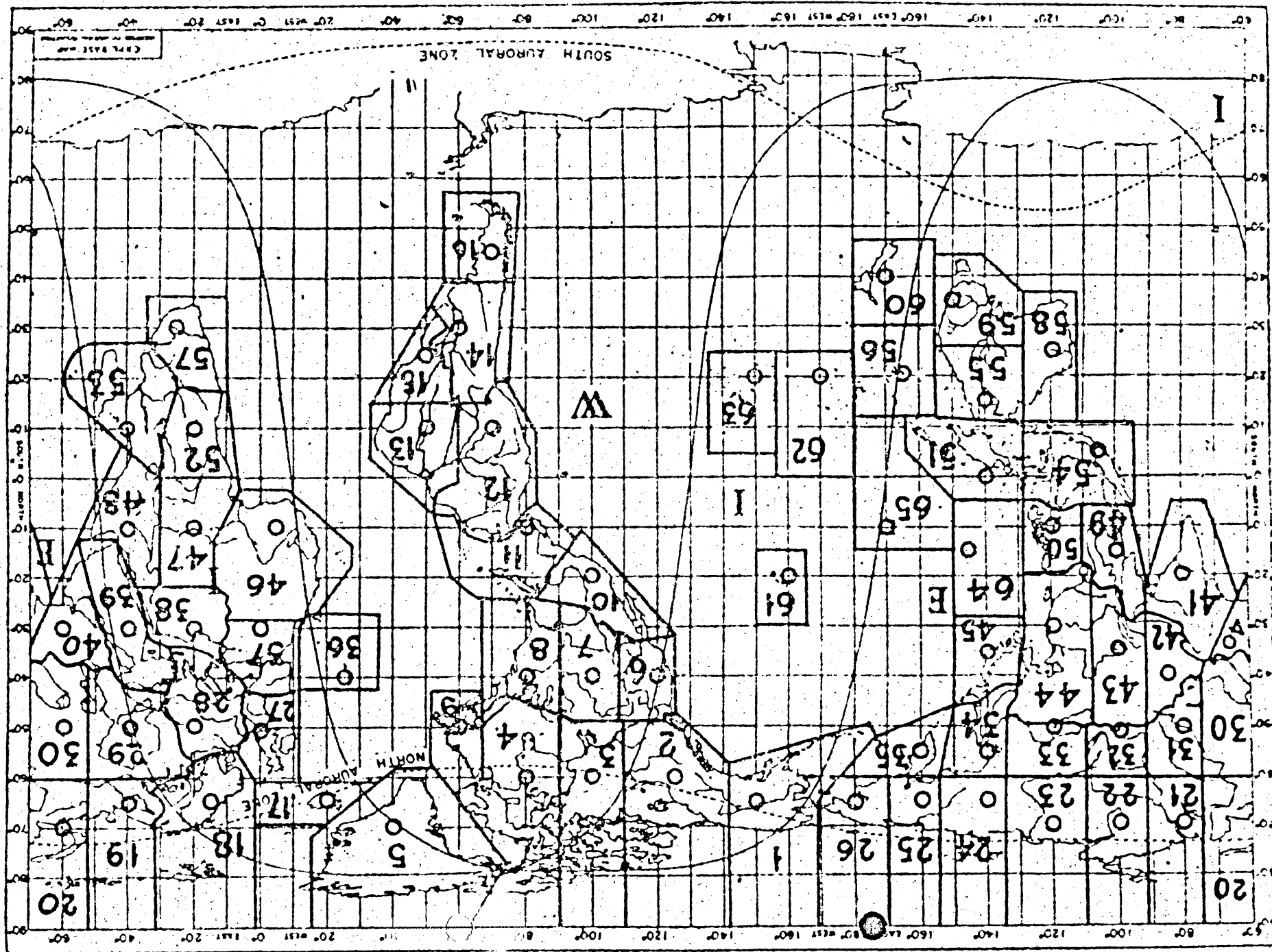
- a. The required incident field intensity is determined by using the nomograms figures 7.32 and 7.33 (NBS 462) for sunspot 0.
- b. For sunspots 70 and 125, the incident field intensity may be calculated by using the absorption factor determined in 6b above and using the nomograms on figures 7.32 and 7.33. Or the incident field intensity may be determined by adding two scales which are expanded by the factors 1.35 and 1.625 to the nomograms so that the A_{od} calculated for sunspot 0 is applicable to sunspots 70 and 125 respectively.

8. Since the field intensity readings are 2.5 db too high, the curves should be corrected. (See preface of field intensity book). To expedite the production of these curves, the data should be plotted as read. Then the curves be traced with the top sheet displaced up 2.5 db.
9. The plotted curves are corrected to Greenwich Meantime in Step 2 b.

For Path Less than 3200 Kilometers.

1. The Great Circle Distance.
 - a. Follow the steps 1a, b, and c outlined above for paths greater than 3200 Kilometers.
 - b. Mark the midpoint of the path.
2. Determine Absorption Factors K At the Midpoint.
 - a. Use the curves on Figs. 3 and 4. With the Greenwich Meridian as reference start at 00 hour and for each 4 hour interval, note where the path midpoint mark falls and enter the value in column K_d .
3. Auroral Absorption.
 - a. For short paths passing through the Auroral Zone, place the transparency over the auroral zone absorption map, Fig. 5, with Greenwich reference lines coinciding. The auroral absorption factor to be added to the diurnal absorption factor K is read at the midpoint of the path following the same procedure on the form as is used for the long paths.
4. Seasonal Variations Factor J.
 - a. See item 5 for path greater than 3200 kilometers.
5. Absorption Factor A_0 .
 - a. See item 6 for path greater than 3200 kilometers.
6. The Incident Field Intensity.
 - a. Use the charts in the front of the field intensity book at the appropriate value of distance and $A=JQK$.

FIGURE 1 World map showing zones covered by predicted charts, and auroral zones



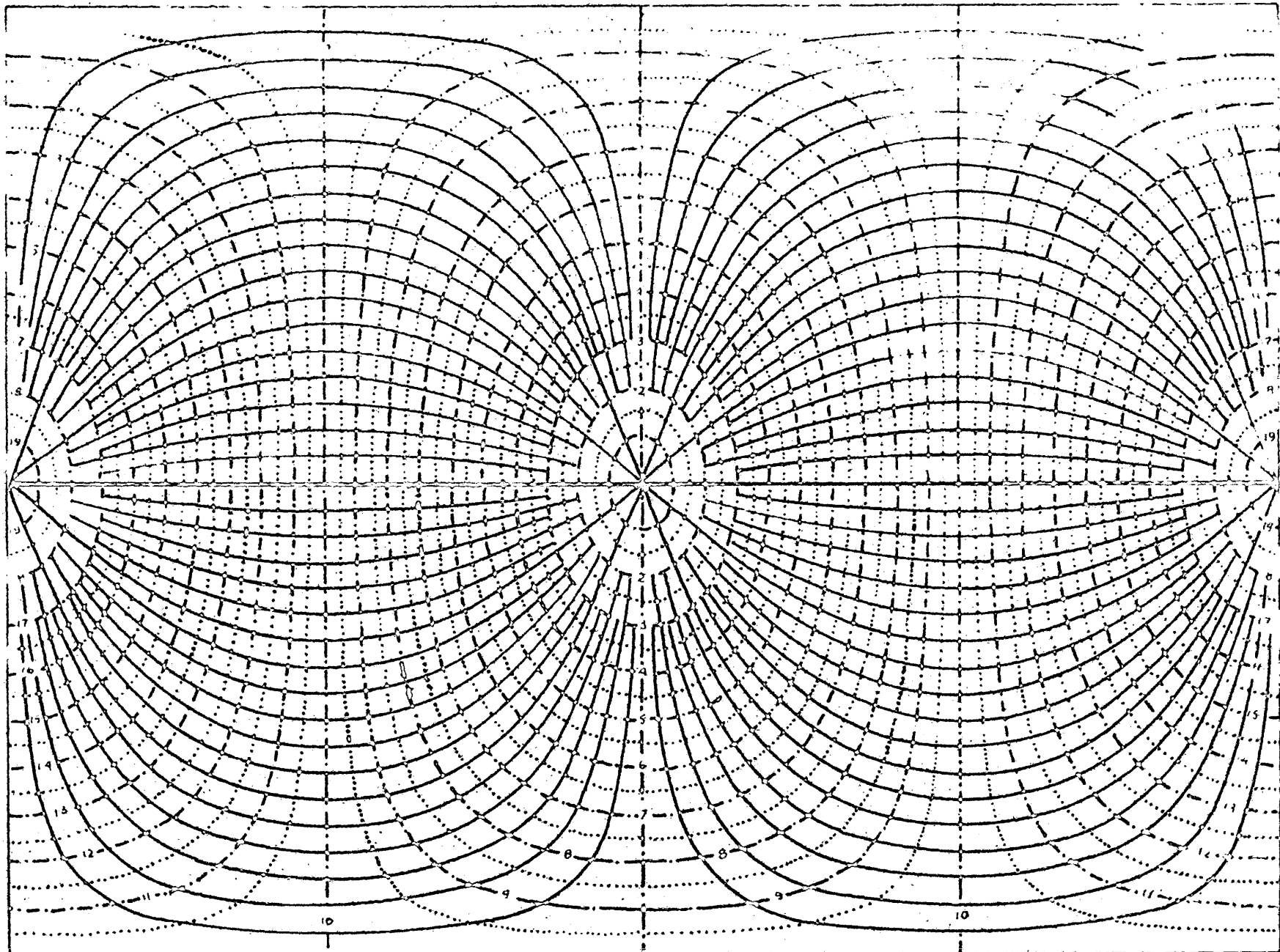


Fig 2 GREAT CIRCLE CHART CENTERED ON EQUATOR. SOLID LINES REPRESENT GREAT CIRCLES. NUMBERED DOT-DASH LINES INDICATE DISTANCES IN THOUSANDS OF KILOMETERS.

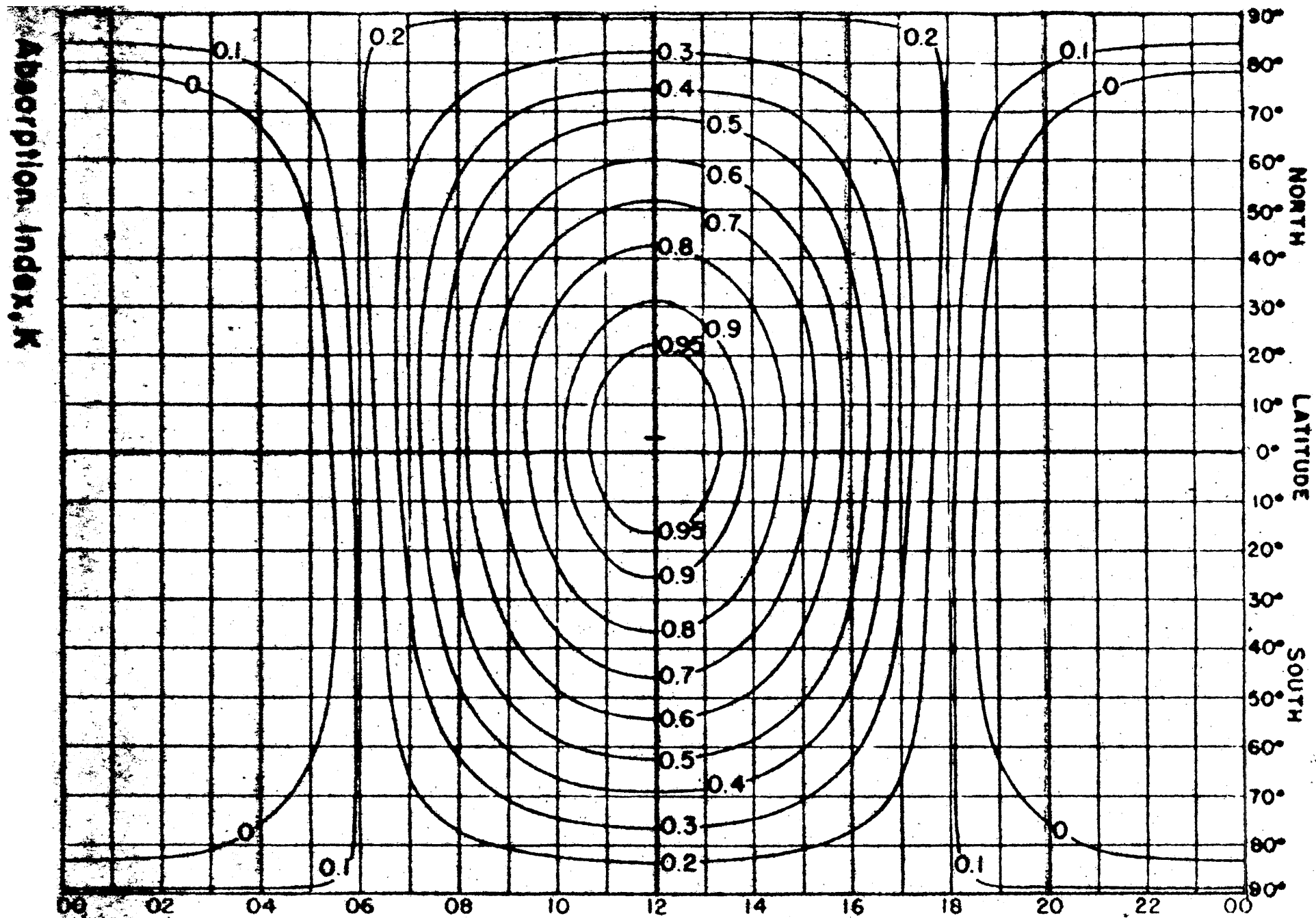


Fig. 90. Absorption Index Chart, September.

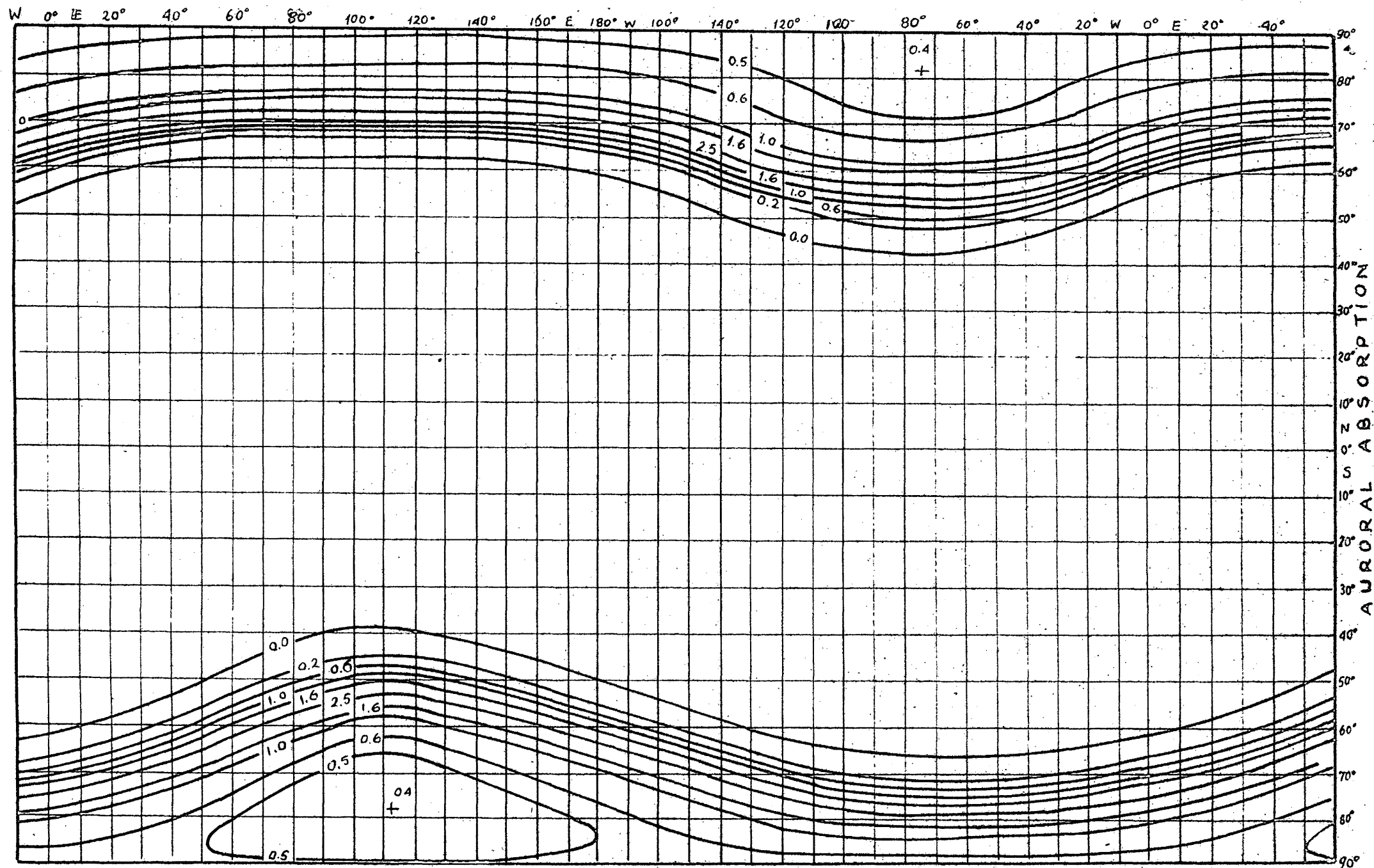


Fig. 5

(Doc. No 167)

RECEIVED FIELD INTENSITY - 1 KW RADIATED POWER

Area A 18

Month December

Area B 13

Distance 9800 KM

J= 1.15

GMT	K ₁	K ₂	D'	K ₁ -K ₂	K _d	K _{d_a}	A _{0d}	Received Field Intensity - S.S.0				
								6 Mc/s	9 Mc/s	12 Mc/s	15 Mc/s	21 Mc/s
00	0	0	0	0	0	0.3	0.345	15.2	18.2	19.2	19.7	20
04	0.03	0	200	0.03	0.003	0.303	0.349	15.2	18.2	19.2	19.7	20
08	0.2	0.6	9800	0.8	4.53	0.83	5.56	-50	-16	-40	5.2	13.0
12	0	0.96	9650	0.96	5.42	5.72	6.59	-50	-23	-8.5	2.8	11.2
16	0	0.60	5900	0.6	1.8	2.1	2.4	-16	5	-10	14	17.1
20	0	0	0	0	0	0.3	0.345	15.2	18.2	19.2	19.7	20

GMT	A _{0d}	Received Field Intensity - S.S. 70					A _{0d}	Received Field Intensity - S.S. 125				
		6 Mc/s	9 Mc/s	12 Mc/s	15 Mc/s	21 Mc/s		6 Mc/s	9 Mc/s	12 Mc/s	15 Mc/s	21 Mc/s
00												
04												
08												
12												
16												
20												

International High Frequency
Broadcasting Conference

Document No. 168-E
17 May 1950

Firenze/Rapallo - 1950

PAKISTAN

The Chairman of the Conference has received the following
letter from the Head of the Pakistan Delegation :

"17th May, 1950.

The Chairman
International High Frequency
Broadcasting Conference,

Dear Mr. Chairman,

I regret to inform you that I am to return to
Pakistan to attend to some urgent matters there. In my
absence and until further notice Mr. S.A. Aziz will lead
the delegation.

I take this opportunity of thanking you for your
help and courtesy and of wishing you every success in your
great task.

I remain,
Sincerely yours,

(signed)

Z.A. Bokhari
Chief of the Pakistan Delegation."

Da.



Conférence internationale
de radiodiffusion à hautes fréquences

Firenze/Rapallo - 1950

Addendum N° 1 au
Document N° 169-F

20 mai 1950

COMMISSION 4

N O R V E G E

ANNEXE 2 (JUN 40)

Bande des 15 Mc/s. De 0000 à 0200 GMT ajouter un trait plein, avec l'indication des zones de réception 10-11-12.

ANNEXE 5 (JUN 12)

Bande des 11 Mc/s (Voie 13). De 2300 à 2400 GMT, sous la ligne en tirets existante, ajouter un trait plein.

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Addendum No 1 to
Document No 169-E

20 May 1950

COMMITTEE 4

N O R W A Y

ANNEX 2 (JUNE 40)

15 Mc/s Band. From 0000 to 0200 GMT, add a full line, with reception areas 10-11-12.

ANNEX 5 (JUNE 12)

11 Mc/s Band (Channel 13). From 2300 to 2400 GMT, below the existing dotted line, add a full line.

Conferencia Internacional
de Radiodifusión por Altas Frecuencias

Firenze/Rapallo - 1950

Addendum Núm. 1 al
Doc. núm. 169-S

20 de mayo de 1950

COMISION 4

N O R U E G A

ANEXO 2 (JUNIO 40)

Banda de 15 Mc/s. De 0000 a 0200 GMT, añádase un trazo continuo con la indicación de las zonas de recepción 10-11-12.

ANEXO 5 (JUNIO 12)

Banda de 11 Mc/s (Canal 13). De 2300 a 2400 GMT, bajo la línea de puntos existente, póngase un trazo continuo.

Jt/Cq.



Firenze/Rapallo - 1950

COMMITTEE 4

N O R W A Y

Some adjustments and changes asked for in the assignments to Norway in the Basic and the Paris plans contain errors. The Norwegian delegation therefore wishes to avail itself of the decision taken by the 8th Plenary for the presentation of corrected modifications to the plans.

These modifications are shown in full in the attached sheets, with information on

the assignments, (dotted lines),
channel numbers, (above the dotted lines),
adjusted requirements (full lines), and
areas of reception, (below the full lines).

Other information is already in the possession of the working groups, but may, if so desired, be given at any time at short notice.

With regard to these readjustments, the Norwegian delegation wishes to give a short explanation.

A detailed study of the plans has revealed that the proposed assignments cannot effectively provide the service according to present needs and practice.

Our modified requirements concern, in the first place, a change of schedule, for instance for night transmissions, and also for day transmissions between 11 and 14 GMT.

A second modification concerns the frequency bands to be used. In order to obtain the necessary coverage we must ask principally for a change of one of the 9 Mc/s channels to higher frequencies, according to the particular season and phase. It was previously thought that the distribution proposed in the assignment plans would meet the needs, but the reduction in channel hours on the higher frequencies has proved far too serious.

The service provided by the two 9 Mc/s channels (numbers 8 and 27) must accordingly be left to the remaining single channel, resulting in the use of OM or directed (225°) transmissions as dictated by future experience.

A point should be noted regarding the channel numbers and the question of acceptance of the sharing proposed in the particular cases. These sharings are not all acceptable as they stand. The protection on channel 8 (9 Mc/s), where sharing with Ethiopia is proposed, is not sufficient. The sharing on channel 27 is therefore preferred, but the channel hours are different and would need a slight adjustment in some cases.

- 2 -
(Doc. N° 169-E)

A modification of the Basic plan has also been shown, in accordance with changes asked for in the Paris plans, based upon experience and the studies made. These changes have resulted in a reduction of the required channel hours.

Except for the Decembre 40 plan, a corresponding reduction is shown in all the other plans, adding up to about 10% in some cases.

It should be understood that the reductions are dependent upon the adjustments being made as indicated.

For the Norwegian Delegation

N. J. Söberg

BAND:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6 Mc/s																				9					
7 Mc/s																				9-18-27					
9 Mc/s																				3					
																			17-18-27-36						
11 Mc/s																									
15 Mc/s																									
17 Mc/s																									
21 Mc/s																									

----- Assignments
----- Adjusted requirements

NORWAY - JUNE 40

[illegible]

NORWAY - EQUINOX 40

[illegible]

NORWAY - DECEMBER 40

[illegible]

NORWAY - JUNE 12

[illegible]

NORWAY - EQUINOX 12

[illegible]

NORWAY - DECEMBER 12

[illegible]

COMMITTEE 5

REPORT BY WORKING GROUP 5B

1. Working Group 5B was formed by Committee 5 in its meeting on the 28th April 1950 with the following terms of reference:

"To consider the findings of the TPC as given in Section 4.1 of the Final Report of its Florence Session (TPC Document No. 32) relating to the question of the International Coordination of Transmission Times and to submit recommendations thereon to Committee 5." (Document 126)

2. The membership of the group is as follows:

Pakistan: Chairman
Indonesia
Switzerland
Morocco and Tunisia
Colombia
United States of America

3. The group had 3 meetings and considered the recommendations of the TPC on the international coordination of time contained in the following two points:

- a) It seems inadvisable to maintain the principle that the high frequency broadcasting stations should themselves transmit time signals.
- b) After having considered the Swiss proposal, it does not seem necessary at this stage of the work to provide for the interruption of transmissions one minute before the scheduled time.

4. The group came to a unanimous conclusion with regard to point a) above, in view of the already existing stations which broadcast standard time signals. The group took note of these stations as contained in documents 12 and 15 of Plan Technical Committee, Florence. However, the group wishes to impress on the Committee the importance of regulating the transmission times strictly according to approved time signals as broadcast by stations contained in the most recent "List of Stations Performing Special Services" published by the General Secretariat of the I.T.U.

5. With regard to point b), the Working Group recommends that, in the case where the Plan provides that one station is to succeed another station on the same frequency at an hour h

Dn/Rg

- i). the first station should terminate its transmission at h-30 seconds;
 - ii) the second station should not put his carrier wave on the air earlier than h-25 seconds; the interval of 25 seconds between h-25 seconds and the h hour could possibly be used by the station to transmit an identification or a time signal;
 - iii) However its actual program should not be on the air earlier than the h hour.
6. The group recommends to include in the list of stations broadcasting the standard time signals the WWV Station of the National Bureau of Standards at Washington D.C.
7. The Working group wishes to thank Mr. Gracie of the I.F.R.B. who was kind enough to attend the meetings of the group.

S.A. Aziz
Chairman.

Dn/Rg

I N D I A

The Delegation of India has been following with great interest the discussions in Working Group 5A regarding the functions that are to be entrusted to the Implementing organization of the High Frequency Broadcasting Plan. On the same lines as the very constructive suggestions made by the Chairman of the Working Group, the Delegation of India submits the following proposals in order to channelize discussion, get an objective picture of the work that is necessary and, finally, to arrive at a solution which is practical and economical, the Delegation of India suggests that following procedure be adopted in this connection, step by step:

1st Stage

Prepare a comprehensive and complete list of functions that are required to be performed by an organization that implements the High Frequency Broadcasting assignment Plan.

2nd Stage

To obtain from the General Secretariat of the Union, the I.F.R.B. and the Director of the C.C.I.R. as detailed views as possible on:

- a) which of the functions listed above fall within the normal scope (both as regard the nature and volume of work involved) and do not, therefore, need additional facilities;
- b) which of the functions fall within the general scope but due to the enhanced volume of work need additional funds or personnel;
- c) which of the functions fall outside the general nature of duties expected of these organs of the Union, and
- d) Estimate of Expenditure on items that fall under b and c.

3rd Stage

On receipt of the information mentioned under the second stage and keeping in mind:

- a) the importance of keeping additional commitments to the barest minimum that will not preclude or seriously prejudice the implementation of a plan and
- b) the interim nature of the implementing organization pending final decisions at the Buenos Aires Conference

the Conference shall decide on the functions that will be entrusted to the interim implementing organization.

By following the above procedure, it will be possible to lay down the functions that are normally expected of an implementing organization, enable the General Secretariat of the Union, the I.F.R.B. and the Director of the C.C.I.R. to accept only such tasks as are possible and at the same time to arrive at the most satisfactory, economical and practical solution of the problem.

M.L. SASTRY
Leader, Delegation of India.

Dn/Sé.

International High Frequency
Broadcasting Conference

Document No. 172-E
18 May 1950

Firenze/Rapallo - 1950

UNITED KINGDOM

The Secretary of the Conference has received the following letter from
the Head of the United Kingdom Delegation :

17 May 1950

"Sir,

I write to inform you, for the information of the President of the
Conference, that consequent on his appointment as Delegate for Southern
Rhodesia, Mr. Charlton Higgs has ceased to be a member of the United
Kingdom Delegation.

.....

I am, Sir,

Your obedient servant,

T. C. RAPP "

M1/Cp



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 173-E
18 May 1950

COMMITTEE 4

S W I T Z E R L A N D

The Chairman of the Phases of the Plan Committee has received the following letter from the Head of the Swiss Delegation:

Rapallo, 17 May 1950

Sir,

In conformity with the decision reached at the plenary meeting on 11 May 1950 fixing 20 May as the final date for submitting comments on the Plan, the Swiss Delegation begs to enclose its observations.

I remain, Sir,

Your obedient servant,

Dr. E. Metzler
Swiss Delegation

Dn/Cq.



(Doc. No. 173-E)

A N N E X

Observations by the Swiss Delegation on the six
phases of the Paris Plans

-:-

JUNE 40

7 Mc/s band Channel 5 1300 to 1330 GMT transfer
to Channel 4 1500 to 1530 GMT

11 Mc/s band Channel 7
1900 to 2030 GMT transfer
(2030 to 2100 GMT and
to Channel 4 { 2200 to 2300 GMT

Channel 4 2030 to 2200 GMT reception areas 27,28,8
" 4 2200 to 2300 GMT " " 36,37

15 Mc/s band Channel 29 2000 to 2300 GMT
reception areas 37,46

17 Mc/s band Channel 18 assign 1700 to 1900 GMT
instead of 1800 to 2000 GMT

Total channel hours Paris Plan
" " " after modifications

74 1/2

74 1/2

JUNE 12

6 Mc/s band	Channel 16	1000 to 1030 GMT	transfer	
	to Channel 11	1900 to 1930 GMT		
9 Mc/s band	Channel 21	0200 to 0400 GMT	transfer	
	to Channel 11	0000 to 0200 GMT in 11 Mc/s band		
	Channel 11.	0000 to 0200 GMT	reception areas	13, 14, 15
	Channel 17	1830 to 2000 GMT	transfer	
	to Channel 7 or 16	2100 to 2200 GMT		
11 Mc/s band	Channel 7	0530 to 0700 GMT	transfer	
	to Channel 8	1400 to 1500 GMT		
	Channel 8	1400 to 1600 GMT	reception area	41
15 Mc/s band	Channel 20	Restore the assignment in		
	the Basic Plan	1300 to 1400 GMT,	reception areas	44, 45
	Channel 20,	assign 1500 to 1600 GMT		
		instead of 1530 to 1630 GMT		
	Channel 33,	2000 to 2300 GMT		
		reception areas		37, 46
Total channel hours	Paris Plan			69 1/2
"	"	"	after modifications	69 1/2

EQUINOX 40

9 Mc/s band	Channel 7	0200 to 0400 GMT	transfer
	to Channel 17 or 18	0000 to 0200 GMT	
	Channel 17 or 18	0000 to 0200 GMT	reception areas 13, 14, 15
15 Mc/s band	Channel 27	1000 to 1100 GMT	transfer
	to Channel 14	0800 to 0900 GMT	
	Channel 14	0800 to 1200 GMT	reception areas 58, 59, 60
	Channel 27	assign 1700 to 2000 GMT	
		instead of 1530 to 1830 GMT	
	Channel 27	1700 to 1900 GMT	reception areas 46, 47, 48
	Channel 27	1900 to 2000 GMT	reception areas 38, 39, 40
17 Mc/s band	Channel 18	0800 to 0900 GMT	reception area 29
Total channel hours Paris Plan			71
"	"	" after modifications	71

EQUINOX 12

6 Mc/s band Channel 22 assign 0200 to 0500 GMT
instead of 0300 to 0600 GMT

7 Mc/s band Channel 7 1800 to 2200 GMT reception areas 27, 28, 37
Channel 7 2200 to 2300 GMT " " 36, 37
Channel 7 2300 to 2400 GMT delete

9 Mc/s band Channel 9 Restore 1700 to 1730 GMT
Channel 9 1700 to 1800 GMT transfer
to Channel 3 1700 to 1800 GMT
Channel 9 1800 to 1900 GMT transfer
to Channel 9 or
27 2100 to 2200 GMT

Channel 9 or 27 2100 to 2200 GMT reception areas 27, 28, 8

11 Mc/s band Channel 17 0700 to 0800 GMT transfer
to Channel 17 1900 to 2000 GMT

Channel 17 1900 to 2000 GMT reception areas 38, 39, 40

Channel 7 1000 to 1100 GMT transfer
to Channel 28 0900 to 1000 GMT

Total channel hours Paris Plan	64 1/2
" " " after modifications	65

DECEMBER 40

6 Mc/s band Channel 8, restore the assignment in the
Basic Plan 0200 to 0230 GMT reception areas 6,8

7 Mc/s band Channel 18, restore the assignment in the
Basic Plan 1830 to 1900 and transfer
1600 to 1900 GMT to 6 Mc/s band channel 12.

9 Mc/s band Restore the assignment in the Basic Plan
0000 to 0200 GMT reception areas 13, 14, 15

11 Mc/s band Channel 20 delete 0800 to 0900 GMT and
1000 to 1030 GMT
Channel 14 1300 to 1400 GMT transfer
to Channel 4 1300 to 1400 GMT
Channel 14 1600 to 1700 GMT transfer
to Channel 8 1900 to 2000 GMT reception areas 38, 39, 40

15 Mc/s band Channel 2 delete 1000 to 1130 GMT
Channel 11 1000 to 1300 GMT transfer
to 9 Mc/s band 1000 to 1300 GMT
Channel 11 1300 to 1330 GMT transfer
to 17 Mc/s band Channel 6 1030 to 1100 GMT

Total channel hours Paris Plan 53 1/2
" " " after modifications 53 1/2

DECEMBER 12

6 Mc/s band	Channel 11	0000 to 0200 GMT	reception areas	13, 14, 15
	Channel 16	0730 to 1030 GMT	transfer	
	to Channel 20	0200 to 0500 GMT		
	Channel 20	0200 to 0500 GMT	reception areas	6, 8
	Channel 11	2300 to 0000 GMT	transfer	
	to Channel 8	2100 to 2200 GMT		
	Channel 8	1700 to 2200 GMT	reception areas	18, 27, 28, 38
7 Mc/s band	Channel 14	1200 to 1300 GMT	transfer	
	to Channel 14	2100 to 2200 GMT		
	Channel 14	2100 to 2200 GMT	reception areas	27, 28, 8
9 Mc/s band	Channel 3	1700 to 1800 GMT	transfer	
	to Channel 12	2100 to 2200 GMT		
	Channel 12	2100 to 2200 GMT	reception areas	37, 46
11 Mc/s band	Channel 7	0530 to 0700 GMT	transfer	
	to Channel 7	1330 to 1500 GMT		
	Channel 7	1000 to 1300 GMT	reception areas	18, 28, 37
	Channel 7	1300 to 1500 GMT	reception areas	44, 45
	Channel 17	0800 to 1130 GMT	reception areas	58, 59, 60
17 Mc/s band	Channel 18	0900 to 1000 GMT	reception area	29
Total channel hours Paris Plan				54
"	"	"	after modifications	54

Dn/Ab

Firenze/Rapallo - 1950

COMMITTEE 2

CREDENTIALS COMMITTEE

Third Meeting, 9.30 a.m.

16 May, 1950

Chairman: Mr. Rafael J. Milans (Uruguay)
First Vice-Chairman: Mr. E.H.R. Green (New Zealand)
Second Vice-Chairman: Dr. E.R. Metzler (Switzerland)

1. Minutes of the Second Meeting of the Committee (Doc. 95) approved, following discussion by Chairman and Delegates of Yugoslavia, Italy, Ceylon, Vatican City, Canada, U.S.A., Egypt and New Zealand.
2. New Zealand motion carried that Committee deems that the matter of the Yugoslav statement included in Document 95 does not come within the terms of reference of the Committee, which decides to take no further action in the matter.
 - 2.1. The statement, in accordance with the wish of the Yugoslav delegation, will figure in the final report of the Committee to the Plenary Assembly.
 - 2.2. The Committee's final report will also include in accordance with the wish of the Italian delegate his declaration of refusal to discuss this question already settled in the Plenary Assembly.
3. Report of the Working Group to the Committee (Doc. 156) examined in detail and recast to form the basis of the Committee's report to the Plenary Assembly.
 - 3.1. Venezuela delegate raised question concerning criterion of specific authority to sign.
 - 3.2. Following documentation cited on the question after discussion by Chairman and delegates of Venezuela, Switzerland, New Zealand, United Kingdom, French Overseas Territories, Ceylon, Egypt and Italy : Doc.65 (Mexico City provisions); Annex 2 of the International Telecommunication Convention; and Article 25 of the Convention.

- 3.3. Decided that Plenary Assembly may judge whether to place countries now classified A-3 and A-2 under A-1; that is, from final and incomplete as to signature to final and complete regardless of omission of specific statement of authority to sign.
- 3.4. Full powers. Decided to classify credentials giving "full powers" as A-1 even though authority to sign not specifically stated.
4. Italian proposal (Doc. 159).
- 4.1. The following documentation cited after extended discussions, on whether a delegation not present at a conference can give a proxy, participated in by the Secretary, Chairman and Delegations of Italy, Egypt, United Kingdom, New Zealand, and Switzerland : Chapter 6 of the General Regulations and Chapter 3, para. 3 of the General Regulations.
- 4.2. Chairman pointed out a question was involved as to the number of votes any one delegation may exercise; that the Committee was not competent to interpret the Convention; and that this would be a question for the Plenary Assembly. Document 159 referred to the Plenary Assembly at the request of the Italian Delegate.
- 4.3. Document 65 on the subject of credentials, proxies, and mandates, will be annexed to the Committee's report to the Plenary.
5. Provisional and incomplete credentials. Delegate of Egypt questioned the meaning of "provisional and incomplete". Decided a footnote would be added to the Committee's report to the effect that provisional credentials and mandates do not authorize delegates to sign.
6. Proposal of United States of America delegate accepted that recommendation be made to the Plenary Assembly that it suggest to delegates to take measures to complete their credentials where they are now considered incomplete; and also that it take a decision as soon as possible on the final acceptance of credentials which are considered final and complete.
7. Italian delegate requested that the Committee's final report again be examined before presenting it to the Plenary Assembly.

Rapporteur :

B.P. Gordon

Approved :

R.J. Milans
Chairman

International High Frequency
Broadcasting Conference

Document No. 175-E
19 May 1950

Firenze/Rapallo - 1950

COMMITTEE 4

OVERSEA TERRITORIES OF THE FRENCH REPUBLIC AND
TERRITORIES ADMINISTERED AS SUCH

The Chairman of Committee 4 has received the following letter from the Head of the Delegation of the Oversea Territories of the French Republic and Territories administered as such :

Rapallo, 18 May 1950

"Sir,

The Government of the Viet-Nam State has officially charged me to represent Viet-Nam broadcasting interests at the Firenze/Rapallo Conference.

At the same time the Government expresses the hope that the requirements submitted to date will be supplemented to meet the existing situation. (A short wave transmitter is at present in regular service at Hanoi, but the basic plan has taken no account of it).

Consequently, I have the honour to submit to you, in accordance with the decision taken at the meeting of the Plenary Assembly on 11 May, 1950, the attached requirement concerning the Hanoi station.

I remain, Sir,

Your obedient servant,

Jean Meyer
Head of the Delegation
of the Oversea Territories of
the French Republic and Territories
administered as such. "

1 Annex

Dn/Cp

Firenze/Rapallo - 1950

COMMITTEE 4

PHASES OF THE PLAN COMMITTEE

Report of the Sixth Meeting

13 May 1950, at 9.30 a.m.

Chairman: Mr. C.E. Arbolada (Colombia)
1st Vice-Chairman: Mr. M.L. Sastry (India)
2nd Vice-Chairman: Mr. H. Leotte Tavares (Portugal)

1. Report of the 5th Meeting (Doc. No. 146)

Document No. 146, the report of the 5th Meeting (9 May 1950) was adopted without amendment.

2. Reproduction of supplementary Propagation Curves

The Chairman pointed out that the supplementary propagation curves made available to the Conference by the United States Delegation related to sunspot numbers 5, 70 and 125.

At the suggestion of Mr. Sastry, the Chairman of the Technical Sub-Committee, it was decided to use the curves for sunspot numbers 5 and 70, having due regard for the interpolations necessary for dealing with sunspot numbers 12 and 40. The curves would be reproduced as decided by the Plenary Assembly.

3. Terms of Reference of the Committee. (Doc. No. 137: Decision taken by the Plenary Assembly at its 11th Meeting on 11 May 1950).

- 3.1 The Chairman, followed by the Delegates of the United Kingdom, the United States, Mexico, Italy and India took part in the discussion. It was decided that the first three paragraphs of the document should constitute the additional terms of reference of Working Group 4A, the contents of the last paragraph remaining within the province of the entire Committee.

3.2 Referring to the new requirements examined by Committee 3, Mr. Metzler, the Chairman of the Working Group, asked the Committee for precise instructions as to the exact figures of channel-hours to be considered in preparing the bandloading charts. The Delegate of Egypt explained his point of view, and, at the suggestion of the Delegate of France, supported by the Delegate of the United Kingdom, it was decided that, for this statistical work, the figures to be taken into account should be those of the channel-hours requested by the various countries rather than those recommended by the Requirements Committee.

3.3 A lengthy discussion ensued as to the form the bandloading charts should take, the Delegates of India, France, the United Kingdom, Mexico, Egypt, New Zealand, Indonesia, and Finland taking part. Mr. Metzler, the Chairman of Working Group 4A, and Mr. Axon, the Chairman of Sub-Group 4 A-1 also spoke to report how their current work was progressing.

It was agreed that the charts being prepared by Sub-Group 4 A-1 were sufficiently clear to permit whatever classifications of channel-hours might later be considered desirable, and, in particular, that proposed by the Delegate of Mexico, namely:

- a) assignments proposed by the Technical Plan Committee to which countries have agreed;
- b) requirements additional to the assignments proposed by the T.P.C. and relating to the assignments made in the Mexico City Basic Plan;
- c) new requirements or requirements additional to the assignments proposed by the T.P.C. and not relating to the assignments made in the Mexico City Basic Plan.

The Committee therefore left Working Group 4A to finish the charts entrusted to it in its terms of reference in the detailed form in which they were being prepared, and at the request of its Chairman, the Group was left free to interpret for itself the phrase: "and such other information as the Committee shall deem it necessary to take into account" (Document No.137, para.1).

4. Membership of the Committee

The Chairman welcomed the Delegates of the Belgian Congo and Paraguay who had expressed a desire to participate in the work of the Committee.

5. The meeting rose at 11 a.m.

Rapporteurs:

G. Pointeau
J. Gilbert

Chairman :

C.E. Arboleda

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 177-E

Corrigendum N° 1

20 May 1950

N O R W A Y

First sentence, 2nd line, instead of :

"the Delegation of the United Kingdom"

read :

"the Delegation of Norway"

Dn/Rg



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document N° 177-E

19 May 1950

N O R W A Y

The Chairman of the Conference has received the following letter from the Delegation of the United Kingdom:

Rapallo, May 18 1950.

Sir:

I have the honour to inform you that after my short stay here it is necessary for me to attend to other duties.

During the absence of Mr. Olaf Moe and myself the Norwegian Delegation will be represented by Mr. J. Foss Sunde.

Respectfully yours,

N. J. Söberg
Norwegian Delegation

Dn/Cq.



Firenze/Rapallo - 1950

U. N. E. S. C. O.

The Secretary General of the Union has sent the Chairman of the Conference a report he has received from the Director General of UNESCO.

It is reproduced below for the delegates of the High Frequency Broadcasting Conference.

THE USE OF HIGH FREQUENCY BROADCASTING
IN THE INTEREST OF INTERNATIONAL CO-OPERATION AND PEACE

(A Report by the Director-General of Unesco on the
Resolution adopted by the International High Frequency
Broadcasting Conference, Mexico City, 22nd October 1948
to 10th April 1949)

1. On 25th February 1949, the International High Frequency Broadcasting Conference at Mexico City, in response to the suggestion of the Director-General of the United Nations Educational, Scientific and Cultural Organization, adopted the following resolution by 51 votes to one, with nine abstentions :

" The Plenary Assembly of the International High Frequency Broadcasting Conference,

CONSIDERING

that it is highly desirable that high frequency broadcasts should contribute to the development of international co-operation and peace to the greatest possible extent, and

being inspired by the proposals made by UNESCO

RECOMMENDS

that the frequencies to be assigned by the Conference should not be used for purposes contrary to mutual understanding and tolerance, and that all appropriate steps should be taken to the end that this resolution is followed by practical measures on the part of the governments concerned, and that such measures be

brought to the attention of the International Telecommunications Union, the United Nations, and UNESCO by the countries Members of these Organizations. "

2. The text of the above resolution was communicated by the Director-General of Unesco to the governments and National Commissions of Member States of Unesco on 23rd May 1949, with a request for a report on the practical measures they had taken, or intended to take, in accordance with the terms of the resolution.

3. In addition, the text of the resolution was communicated to the Secretary General of the United Nations by the Secretary General of the International Telecommunications Union on 18th May 1949. This communication was subsequently circulated as U.N. Document E/CN.4/Sub.1/72, and was brought to the attention of the Third Session of the United Nations Sub-Commission on Freedom of Information and of the Press.

4. Replies were received by the Director-General of Unesco from the following 17 Member States :

Argentina	Netherlands
Australia	New Zealand
Brazil	Philippines
Canada	Switzerland
Denmark	Thailand
El Salvador	Union of South Africa
France	Uruguay
India	Venezuela
Italy	

5. The following comments on the resolution are taken from letters other than formal acknowledgements:

(1) AUSTRALIA

From the Australian Embassy in Paris, 8th August 1949 :

" 1. Australia agrees with the principles set out in the resolution of the Mexico City Conference under reference;

2. All Australian high frequency broadcasts have in the past been conducted on the principle that they should contribute to the development of international co-operation and peace and should not be used for purposes contrary to mutual understanding and tolerance among the nations of the world;

3. Australia regards the continuance of this policy in her own high frequency broadcasts as the most practical and appropriate way of giving effect to the resolution carried out at Mexico City."

(2) BRAZIL

From the Permanent Delegate of Brazil at Unesco House, 18th August 1949 :

" My Government wishes to inform you that broadcasting in Brazil has always fostered and will continue to foster international cooperation and the interests of peace. The competent authorities, when consulted about the circular, announced that Brazilian law will in future contain explicit provisions to this end; such provisions have already been included in the South American Radio Convention of which Brazil is a signatory.

" Any measures subsequently adopted in this regard will be communicated to the United Nations organization, the International Telecommunication Union and Unesco. "

(3) CANADA

From the Secretary of State for External Affairs, 9th August :

" The use of high frequency broadcasting by the Canadian Broadcasting Corporation (which is the responsible Canadian Authority) is designed to promote international understanding and hence to foster international co-operation and peace. The CBC International Service attempts to speak plainly, honestly, and with authority about matters of interest to Canadians which, it is hoped, are also of interest to listeners to this service in all parts of the world. The broadcasts include news of world events and of Canadian events presented as objectively as possible; they include news commentaries and documentary shows; they include a great deal of information concerning the United Nations Organisation and its various activities; they include school broadcasts for various European countries prepared at the request of those countries. These programs are broadcast direct and are also transcribed and sent to the countries asking for them.

" It is important to note also that the transmitters of CBC International Service are placed at the disposal of the United Nations for a considerable length of time each week day. Broadcasts originating from Lake Success are transmitted to Europe for an hour or an hour and one half each week day, and each evening the transmitters of the CBC International Service are at the disposal of the United Nations for half-hour broadcasts to Australia.

" In view of this, I feel that we can state with assurance that the frequencies assigned to Canada for high frequency broadcasting are not used 'for purposes contrary to mutual understanding and tolerance' and that this country has been taking very practical steps to promote such understanding and tolerance. "

(4) DENMARK

From the Ministry of Foreign Affairs, 28th July 1949 :

" I have the honour to inform you that in Denmark only one broadcasting system, the Danish State Radio, operates. This fact guarantees in itself that nothing in the Danish transmissions will be contrary to the development of international co-operation and peace."

(5) EL SALVADOR

From the Ministry of Foreign Affairs, 22nd August 1949 :

" The following communication, No. 545, of the 5th instant, has been received from Sr. Guillermo Calderon Vides, Head of the Radio Monitoring Office and delegate of Salvador to the International High Frequency Broadcasting Conference:

' To the Minister of the Interior, Palacio Nacional.

With reference to communication No. 2369 from the Ministry of Foreign Affairs, enquiring what practical measures had been taken by this Republic to carry out the terms of the resolution adopted by the International High Frequency Broadcasting Conference at Mexico City, I beg to refer your Department to Article 14, Chapter II of the Regulations for the Establishment and Operation of Radio Broadcasting Stations in the Republic, which runs as follows as regards the measures in question :

' In no circumstances shall any kind of information or message be transmitted that is contrary to good morals, good international relations, peace or public order... etc. Any infringement of this regulation shall incur the penalties prescribed under the Press Law.'

" Our regulations, therefore, provide for the case at issue, and the State is paying special attention to the enforcement of this provision, with a view to strengthening the bonds of international understanding and goodwill in the interests of world concord and peace. "

(6) FRANCE

From the Ministry of Foreign Affairs, 30th June 1949 :

" I have the honour to inform you that in accordance with article 12 of the Mexico City Agreement the date of entry into force of the Agreement will only be fixed at the next session of the High Frequency Broadcasting Conference, i.e., at a date as yet undetermined. Thus, since the actual use of frequencies assigned in Mexico City can be contemplated only in the distant future, it would be premature to study the practical measures to be taken in this field, at the present time.

" However, it goes without saying that the principles which inspired the resolution addressed to me in your letter of 23rd May will continue to guide the Radiodiffusion Francaise in the organization of its foreign broadcasts. "

(7) INDIA

From the Ministry of Education, 31st July 1949 :

" the policy of the All India Radio (the sole Radio network in this country) has been, and is to further understanding and good will on the broadest basis and therefore the Government of India consider that no special action is called for on the resolution adopted by the International High Frequency Broadcasting Conference.

" In the news broadcasts, for instance, the All India Radio confines itself to statements of facts presented in an objective manner.

" In presenting news of International matters, all strong expressions and language, even when received through accredited News Agencies, are suitably toned down so as not to be offensive. It is the aim of the All India Radio to live up to the high principles of toleration between man and man and between nation and nation enunciated by Mahatma Gandhi. To achieve this end there are definite standing instructions to the staff of the All India Radio and to the talkers who may be invited.

" In the circumstances, I am to convey the assurance that the All India Radio is doing, and will do, its best to use the frequencies allotted to it according to the dictates of mutual understanding and tolerance. "

(8) ITALY

From the Italian Permanent Delegate to Unesco, 30th July 1949 :

" Foreign broadcasts directed by the Italian Radio have been based, since their resumption, on the following fundamental directives: to give objective and impartial information on Italian life; to foster international understanding and collaboration; to contribute to the moral and cultural education of listeners in the spirit of the U.N. Charter (Freedom of Information and the recommendations of Unesco).

" Every effort has therefore been made, within the limits of the present precarious technical possibilities, to illustrate the various activities of the U.N. in general and Unesco in particular; regular features are transmitted on F.A.O. and U.N.I.C.E.F.; a special programme has been devoted to the World Health Organization Assembly, at present being held in Rome; exchanges of programmes, recordings, etc. are encouraged; prominent foreign visitors to Rome are interviewed.

" As soon as technical means allow (i.e. probably in the first half of 1950) a regular programme will be devoted to Unesco and Italy's part in the activities of that Organization; another programme will be devoted to U.N. activities and every possible encouragement will be given to any activities initiated by Unesco.

" Unesco can thus rest assured that the Italian Radio has made and will continue to make every effort to serve, as best it can, the cause of peace and international understanding and enlightenment.

" In forwarding you this reply, I should like to assure you that any initiative that Unesco may take in this field will have the wholehearted support of the Italian Government."

(9) NETHERLANDS

From the Ministry of Education, 24th June 1949 :

" it is not intended to take particular steps in order to implement the resolution adopted at the Mexico City Conference of 1949.

" In this country the broadcasting companies do not use or intend to use frequencies for purposes contrary to mutual understanding and tolerance. "

(10) NEW ZEALAND

From the Secretary of External Affairs, 22nd June 1949 :

" You will be informed of any steps taken in New Zealand to adopt practical measures for carrying out the terms of the resolution. "

(No further communication received)

(11) PHILIPPINES

From the Department of Foreign Affairs, 9th June 1949 :

" As to the steps which might be taken to adopt practical measures for the carrying out of the terms of the above-mentioned resolution, I should like to inform you that the matter is being taken up with the agency of this government concerned and this Department will be pleased to communicate again with you thereon. "

(No further communication received)

(12) SWITZERLAND

From the Cultural Attaché of the Swiss Legation in Paris, 27th June 1949 :

" the principles advocated in Mexico City form the very basis of the concession granted to the Société Suisse de Radiodiffusion.

" As in the past, this Society will do its utmost in the cause of understanding between nations and a lasting peace. "

(13) THAILAND

From the Ministry of Education, 15th December 1949 :

" ... the Publicity Department who supervises the National Broadcasting Station of Thailand has supplied us with the following information :

1. The Publicity Department will try their best to comply with the said resolution.
2. The Publicity Department will co-operate closely with the Thai National Commission for Unesco.
3. The Publicity Department has arranged programmes towards promotion of peaceful ends and with sympathy and understanding for neighbouring countries.
4. The Publicity Department has arranged the foreign section of its programmes to include items both inside and outside the country with due regard to promotion of understanding and Thai cultures for foreign countries.
5. The Publicity Department wishes to state that the aims of Unesco and of this department are identical and therefore the fulfilment of Unesco's requests are only natural. "

(14) UNION OF SOUTH AFRICA

The Education Department, in a letter dated 1st July 1949, informed the Director-General of Unesco that the South African Broadcasting Corporation had been asked to reply to CL/241. This reply, dated 13th July 1949, contained the following comment :

" You may rest assured that the S.A.B.C. will use any frequencies which have been assigned to it, in accordance with this recommendation.

" Although we do not yet do any international broadcasting in the sense that transmissions are specially beamed at foreign countries, our normal broadcasts in the Union of South Africa are heard fairly well in some of the contiguous African territories, such as Southern Rhodesia. Moreover, we are happy to learn that these broadcasts are very much appreciated by listeners in those areas, and we therefore trust that they will always contribute very considerably towards the creation of mutual good will.

" The question of international broadcasting is still under consideration. Although no definite decision has been reached, we can confidently state that any broadcasts undertaken by us will be governed by the same principles."

Firenze/Rapallo 1950

COMMITTEE 4

FINLAND

1. The Finnish Delegation is of the opinion that the primary task of Committee 4, in conformity with its terms of reference, is to assemble in one document the requirements of various countries (new requirements, modifications to former requirements and observations on the draft plans of the T.P.C.).
2. In view of the very different nature of these requirements, the Finnish Delegation is of the opinion that in the course of the future work of the Conference these requirements will have to be treated in different ways.
3. Finland's present requirements consist of observations on the draft plans of the T.C.P. They concern only certain schedule adjustments and some changes of bands, rendered necessary because of seasonal changes in propagation conditions for certain circuits. Finland has so far abstained from submitting new requirements that would tend to increase her assignments, which are reduced to the limit in the Basic Plan, but this in no way means that she does not need additional channel-hours. Indeed, Finland possesses modern technical installations which could be used for at least three times as many channel-hours as were assigned to it in the Basic Plan.

Its policy in this case has been dictated by the desire to facilitate the establishment of a technically equitable correct Plan.

4. In the circumstances the Finnish Delegation states that it will be unable to agree to any reduction whatsoever in its present requirements (reduction expressed by a given number of channel-hours, or by a given percentage of the total) since her requirements represent the absolute minimum for ensuring its services.

V. YLOESTALO
Head of the Finnish Delegation

Dn/Vt



Firenze/Rapallo - 1950

COMMITTEE 4

INDONESIA

Although many countries are asking for more channel hours in Plans in which, probably, with a few exceptions, no useful channel hours are available, the Indonesian Delegation thinks it most desirable to keep to its original course, viz. its reduced and modified requirements based on the assignments to Indonesia in the December 12 Plan of the Technical Plan Committee.

After having studied the report of Committee 3, this Delegation is even more convinced that the only feasible solution, for this Conference to be successful, is that modified requirements of each country, and particularly of those which have signed and approved the Mexico City Agreement, should be based on the assignments in the Plan offering the most limited possibilities. If all countries are not ready to make sacrifices, this Conference will soon be at a deadlock from which it will never escape.

In assembling the requirements of the various countries, it is essential that the differently based requirements should be tabulated separately, so that they can be treated in appropriately different ways. Otherwise, the countries which have submitted voluntarily reduced requirements in order to arrive at workable Plans might become the victims of their readiness to make these reductions.

Because of the very special circumstances which have occurred in Indonesia since the Mexico City Conference, viz. independence instead of colonial status, the Indonesian Government could have provided this Conference with very sound reasons for an increase in the number of channel hours assigned to Indonesia in the various Plans. However, since one cannot get blood out of a stone, our Government thought it essential to take as a basis the limited possibilities offered by the least favourable phases so as to be certain to have, especially for its national broadcasting, programme continuity available throughout all phases of the Plan.

With reference to Documents N°s 64-E and 73-E, more detailed information about the reduced and modified requirements of Indonesia are attached to the present document.

H.J. Schippers
Head of the Indonesian Delegation

Dn/Dp



COUNTRY I N D O N E S I A (Doc. No. 180-E)

BAND 6 Mc/s

	NUMBER OF CHANNEL-HOURS DURING HOURS OF TRANSMISSION G.M.T.																								TOTAL NUMBER		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	ASSIG.	REQUIRED
BASIC PLAN																											
Assignments	6	1	-	-	-	-	-	3	3	7	8	8	8	7	6	4½	1	-	-	-	-	1	6	7		76½	
Modified re- quirements	9	9	2	-	-	-	-	-	-	1½	4	5	5	5	5	3½	1	-	-	-	-	-	3½	8		61½	
JUNE 40																											
Assignments	6	1	-	-	-	-	-	3	3	7	8	8	8	7	6	4½	1	-	-	-	-	1	6	7		76½	
Modified re- quirements	9	9	2	-	-	-	-	-	-	2	5	6	6	6	9	5½	1	-	-	-	-	-	3½	8		72	
EQUINOX 40																											
Assignments	5	1	-	-	-	-	-	2	2	7	8	8	8	6	4	4	1	-	-	-	-	1	5	6		68	
Modified re- quirements	9	9	2	-	-	-	-	-	-	2	5	6	6	6	9	5½	1	-	-	-	-	-	3½	8		72	
DECEMBER 40																											
Assignments	4	1	-	-	½	1	-	3	3	7	7	6	5	3½	2½	1	-	-	-	-	-	-	2	4		50½	
Modified re- quirements	9	9	2	-	-	-	-	-	-	2	5	6	6	6	9	5½	1	-	-	-	-	-	3½	8		72	
JUNE 12																											
Assignments	6	1	-	1	1	1	1	4	4	8	8	7	6	5	4	2	1	-	-	-	-	1	6	7		74	
Modified re- quirements	5	5	-	-	-	-	-	-	-	2	5	6	6	6	6	2	-	-	-	-	-	-	2½	5		50½	
EQUINOX 12																											
Assignments	6	1	-	-	-	-	-	1	1	3	4	4	4	4	3	2	1	-	-	-	-	1	6	7		48	
Modified re- quirements	5	5	-	-	-	-	-	-	-	2	5	6	6	6	6	2	-	-	-	-	-	-	2½	5		50½	
DECEMBER 12																											
Assignments	5	1	-	-	½	1	-	3	6	7	4½	4	4	4½	3	2	-	-	-	-	-	1	2	6		54½	
Modified re- quirements	5	5	-	-	-	-	-	-	-	2	5	6	6	6	6	2	-	-	-	-	-	-	2½	5		50½	

COUNTRY I N D O N E S I A

(Doc. ⁻³⁻ No.180-E)

BAND 7 Mc/s

		NUMBER OF CHANNEL-HOURS DURING HOURS OF TRANSMISSION G.M.T.																								TOTAL NUMBER		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	ASSIG.	REQUIRED
BASIC PLAN																												
Assignments		1	1	1	8	9	9	8	3	3	3	3	3	3	1	-	-	-	-	-	-	-	-	-	-	1	57	
Modified re- quirements		-	-	3	5	5	5	5	5	5	6	6	4	4	4	4	2	-	-	-	-	-	-	-	-	-		63
JUNE 40																												
Assignments		1	1	1	8	9	9	8	3	3	3	3	3	3	1	-	-	-	-	-	-	-	-	-	-	1	57	
Modified re- quirements		1	1	3	5	5	5	5	5	5	5½	5	3	3	3	-	-	-	-	-	-	-	-	-	½	1		56
EQUINOX 40																												
Assignments		4	1	1	8	9	9	8	3	3	3	3	3	3	½	-	-	-	-	-	-	-	-	-	4	4	66½	
Modified re- quirements		1	1	3	5	5	5	5	5	5	5½	5	3	3	3	-	-	-	-	-	-	-	-	-	½	1		56
DECEMBER 40																												
Assignments		2	-	1	4	7	7	6	2	-	3	3	2	2	-	-	-	-	-	-	-	-	-	-	2	2	43	
Modified re- quirements		1	1	3	5	5	5	5	5	5	5½	5	3	3	3	1	1	-	-	1	1	-	-	½	1		60	
JUNE 12																												
Assignments		1	1	1½	8	9	9	8	3	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	1	50½	
Modified re- quirements		-	-	3	5	5	5	5	5	5	5½	5	3	3	3	-	-	-	-	-	-	-	-	-	-	-		52½
EQUINOX 12																												
Assignments		1	1	1	8	9	9	8	3	3	3	3	3	3	1	-	-	-	-	-	-	-	-	-	1	1	58	
Modified re- quirements		-	-	3	5	5	5	5	5	5	5½	5	3	3	3	-	-	-	-	-	-	-	-	-	-	-		52½
DECEMBER 12																												
Assignments		1	1	1	6	8	8	6	2	-	2	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	42	
Modified re- quirements		-	-	3	5	5	5	5	5	5	5½	5	3	3	3	1	1	-	-	1	1	-	-	-	-	-		56½

[illegible]

[illegible]

[illegible]

COUNTRY I N D O N E S I A																	BANDS 17 and 21 Mc/s										
ASSIGNED IN	NUMBER OF CHANNEL-HOURS DURING HOURS OF TRANSMISSION G.M.T.																								TOTAL NUMBER		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	ASSIG.	REQUIRED
BASIC PLAN																											
17 Mc/s												1						1	1							4	5 ^x)
21 "						1	$\frac{1}{2}$																			$1\frac{1}{2}$	0
JUNE 40																											
17 "												1														1	0
21 "						1	$\frac{1}{2}$																			$1\frac{1}{2}$	0
EQUINOX 40																											
17 "												1	$\frac{1}{2}$	1	1		1	1								$6\frac{1}{2}$	0
21 "						1	$\frac{1}{2}$																			$1\frac{1}{2}$	0
DECEMBER 40																											
17 "																										0	0
21 "						1	$\frac{1}{2}$					1														$2\frac{1}{2}$	0
JUNE 12																											
17 "												1														$3\frac{1}{2}$	0
21 "							2	$\frac{1}{2}$																		0	0
EQUINOX 12																											
17 "												1														2	0
21 "						1	$\frac{1}{2}$																			$1\frac{1}{2}$	0
DECEMBER 12																											
17 "												1														2	0
21 "						1	$\frac{1}{2}$																			$1\frac{1}{2}$	0

x) 1 betw. 14-15, 15-16 and 17-18 G.M.T. and 2 betw. 16-17 G.M.T.

Firenze/Rapallo - 1950

REPORT OF WORKING GROUP 1 OF THE TECHNICAL
SUB-COMMITTEE OF COMMITTEE 4

1. Working Group 1 of the Technical Sub-Committee was established "to rectify the few errors that were noticed by the T.P.C. in the existing field strength curves; to make available to the Conference modified charts of these circuits as well as any missing OWF and field strength charts."

2. The working group has examined Annex 8 to Document 32, the Final Report of the Technical Plan Committee with regard to its terms of reference and has come to the following conclusions:

- (a) The drafting errors noticed by the T.P.C. in the dotted and full line portions of the field intensity curves should be taken care of as was concluded by the Technical Sub-Committee in Document 87, paragraph 1 (c), "the field strength curves, whether they be dotted or in full line should only be used to determine the strength of the field and not to decide whether a particular frequency gets through or not. This latter point should be determined only by a reference to the corresponding OWF chart."
- (b) The incorrect and missing OWF curves noticed by the TPC have been prepared by the U.S. Delegation and are available to the Conference.
- (c) Copies have been made of missing field intensity curves which had previously been calculated by the United States and Mexican Delegations and were reported missing by the T.P.C. These are also available to the Conference.

Dn/Cé



- (d) The group considers that it would be too great a task and too great an expense to the Conference to prepare additional field intensity charts to cover all possible combinations of transmitting and receiving areas, a great many of which would be of little practical use in the work of the Conference.

The United States Delegation has prepared as a Conference document a detailed explanation of the "Procedure for the Determination of Received Field Intensity" which should be used by the various working groups of the Conference in preparing any additional field intensity charts that may prove to be necessary. Attention is also directed to the field intensity data prepared by the P.F.B.

Chairman:

Jack W. Herbstreit

Dn/Cé

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.182-E
13 May 1950

CORRIGENDUM No.1

M I N U T E S

of the

TENTH MEETING OF THE PLENARY ASSEMBLY

Page 3, para. 1.1, 18th line, last word, for "universal", read
"unreserved".

Dn/Vt



M I N U T E S
of the
TENTH MEETING OF THE PLENARY ASSEMBLY
Thursday, 11 May 1950 at 10 a.m.
Kursaal - Rapallo

QUESTIONS DISCUSSED:

1. Frequency assignments to countries not represented at the Conference, or having left it.
2. Proposal by the Delegation of the Colonies, Protectorates, Oversea Territories and Territories under mandate or trusteeship of the United Kingdom of Great Britain and Northern Ireland for the terms of reference of Committee 4.
3. Decision on the procedure to be adopted in cases where statements or proposals are contrary to decisions previously taken by the Plenary Assembly.
4. Statement by the Delegation of the Federal People's Republic of Yugoslavia.
5. Reproduction of the OMF and field strength curves supplied by the United States Delegation.

CHAIRMAN

: Prof. G. Vallauri

VICE-CHAIRMEN

: Mr. G. Gneme
Lt. General L. Sacco

SECRETARY

: Mr. J. Millot

Dn/Rg



DELEGATIONS PRESENT:

Commonwealth of Australia - Austria - Belgium - Burma - Canada -
Ceylon - China - State of Vatican City - Republic of Colombia -
Portuguese Colonies - Colonies, Protectorates, Oversea Terri-
tories and Territories under mandate or trusteeship of the
United Kingdom of Great Britain and Northern Ireland - Oversea
Territories of the French Republic and Territories administered
as such - Belgian Congo and Territories of Ruanda-Urundi -
Cuba - Denmark - Dominican Republic - Egypt - United States of
America - Ethiopia - Finland - France - Greece - India -
Republic of the United States of Indonesia - Iran - Iceland -
State of Israel - Italy - Japan - Hashemite Kingdom of Jordan -
Lebanon - Luxembourg - Mexico - Monaco - Norway - New Zealand -
Pakistan - Paraguay - Netherlands, Surinam, Netherlands
Antilles and New Guinea - Portugal - French Protectorates of
Morocco and Tunisia - Federal People's Republic of Yugoslavia -
Southern Rhodesia - United Kingdom of Great Britain and
Northern Ireland - Sweden - Swiss Confederation - Syria -
United States Territories - Uruguay - Venezuela.

OBSERVERS

: United Nations.

ALSO PRESENT

: Mr. L. Mulatier, Secretary General of the I.T.U.,
Mr. J.A. Gracie, Chairman of the I.F.R.B.

I. FREQUENCY ASSIGNMENTS TO COUNTRIES NOT REPRESENTED
AT THE CONFERENCE OR HAVING LEFT IT.

- 1.1 After having summed up the discussions of the previous day, the Chairman opened the discussion on the United Kingdom proposal made during the last meeting on frequency assignments to countries not represented at the Conference. The proposal was published in Document No. 132 and read as follows:

"When making assignments to countries not represented at the Conference, there shall be no differentiation between them and those that are represented, the Conference recognising that a successful plan must be based solely on conditions of equity for all alike.

Subject to this general consideration, assignments made to countries not represented at the Conference shall take into account:

- (a) the assignments made to those countries in the Basic Plan;
- (b) the most recent information which those countries have supplied regarding their requirements either to the Conference or to the T.P.C.;
- (c) the decisions of the International High Frequency Broadcasting Conference on the subject of General Principles listed in Annex 2 to the Mexico City Agreement."

The following amendments to the proposal, which received the ~~universal~~ ^{unreserved} support of the United States Delegation (see Doc. No. 133), were submitted by the Delegations of Syria and Mexico (see Doc. No. 132):

Amendment submitted by the Syrian Delegation: Para.(b) after "have supplied", add: "or information gathered by the Conference".

Amendment submitted by the Mexican Delegation: Para.(b) should read: "the most recent information which those countries have supplied or may supply to the Conference".

- 1.2 Mr. Barringer (United States) having expressed his fear that the Mexican amendment, as worded, left the door open indefinitely to new requirements and so might unduly prolong the work of the Conference, the Delegate of Colombia proposed to modify the Mexican amendment as follows: "(b) the most recent information which those countries have supplied to the T.P.C., or may supply with reference to their requirements submitted to the Conference, or information gathered by the Conference up to 20 May 1950 at 12 noon precisely".

- 1.3 The amendment was supported by the delegations of the following countries: Mexico, Cuba, United States, Egypt, France (as long as no delay due to new requirements would result), India, Federal People's Republic of Yugoslavia, and Syria (which also insisted on its own amendment).

- 1.4 On the other hand, the following delegates spoke in favour of the original proposal :
Mr. Gnome (who thought it sufficient to have the text of the Colombian amendment included in the minutes of the meeting) and the Delegates of Morocco and Tunisia (who felt it would be enough to insert the following sentence in the minutes of the meeting : "The Conference reserves the right to pronounce upon certain special cases"), Portugal, Switzerland and Belgium (it being understood that it would always be possible to consider special cases).
- 1.5 The Delegate of Indonesia asked whether the date of 20 May mentioned in the Colombian amendment would also be applied to countries represented at the Conference, whereupon the Delegate of Colombia suggested modifying the text in the following way in order to be fair to the countries taking part : replace "...which those countries have supplied" by : "...which all countries have supplied".
- 1.6 Mr. Schaeffer (Morocco and Tunisia) having raised the question of the publicity to be given to the text of the discussion, Mr. Mulatier, the Secretary General of the I.T.U., expressed the opinion that it would be best just to telegraph the resolution adopted to the absent Administrations, without asking them to submit supplementary information. It had not to be forgotten that the Conference was to prepare plans early enough both to give the Administrations time to consider them before the Conference meeting at The Hague in September, and also to submit them to the Administrative Council. Anything that might delay the work of the Conference was therefore to be avoided.
- 1.7 The Chairman then put to the vote the Colombian amendment, which was adopted by 28 votes to 8 with 12 abstentions.
- 1.8 The Assembly then adopted an amendment modifying the end of the second paragraph of the United Kingdom draft resolution as follows : "...shall be made or modified taking into account wherever possible..."
- 1.9 The proposal of the United Kingdom, as amended, was then put to the vote and adopted unanimously.
- 1.10 After the vote, the Secretary General of the I.T.U. read the following draft telegram which he proposed to send from Geneva to the Administrations of the Union not then represented at the Conference :

"Burinterna to (name of absent Administration)

Chairman of the Rhf Conference requests me to forward you the following telegram quote At the Plenary Assembly of 11 May the Rhf Conference unanimously adopted the following resolution : When making assignments to countries not represented at the Conference, there shall be no differentiation between them and those that are represented, the Conference recognising that a successful plan must be based solely on conditions of equity for all alike Stop Para. A X X Subject to this general consideration, assignments made to countries not represented at the

Conference shall be made or modified taking into account wherever possible : a) the assignments made to those countries in the Basic Plan; b) the most recent information which those countries have supplied to the T.P.C. regarding their requirements or which they may submit to this Conference or which may reach the Conference before mid-day on 20 May; c) the decisions of the International High Frequency Broadcasting Conference on the subject of General Principles listed in Annex 2 to the Mexico City Agreement Stop Secretary General".

The Assembly approved the proposal of the Secretary General of the I.T.U.

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* *

2. PROPOSAL BY THE DELEGATION OF THE COLONIES, PROTECTORATES, OVERSEA TERRITORIES AND TERRITORIES UNDER MANDATE OR TRUSTEESHIP OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND FOR THE TERMS OF REFERENCE OF COMMITTEE 4

2.1 Mr. Fryer (United Kingdom Colonies) thought it was very important for the Conference to have a general picture of the difficulties it would encounter, so that it could see how to organise its work to prepare valid plans; he therefore suggested that Committee 4 should be given the task of clearing the ground in that way, and read out a draft of further directives which he proposed giving to Committee 4 for the purpose.

2.2 The meeting decided to postpone the discussion to allow the Secretariat to publish the United Kingdom Colonies proposal as a document for discussion at the next meeting.

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3. DECISION ON THE PROCEDURE TO BE ADOPTED IN CASES WHERE STATEMENTS OR PROPOSALS ARE CONTRARY TO DECISIONS PREVIOUSLY TAKEN BY THE PLENARY ASSEMBLY.

3.1 Mr. Sastry (India) proposed, and the Assembly decided that, whenever a proposal or statement was contrary to a previous decision of the Plenary Assembly, the Assembly should decide whether the discussion should be reopened.

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4. STATEMENT BY THE DELEGATION OF THE FEDERAL PEOPLE'S
REPUBLIC OF YUGOSLAVIA

- 4.1 Mr. Popović (F.P.R. of Yugoslavia) referred to the resolution adopted at the beginning of the meeting, (see Item 1 above) and thought that it should be sent to the Central People's Government of the People's Republic of China. The day before, the Conference had been realistic in its decision on the parts of Palestine under Arab control, and it would be only logical to be just as realistic over the vast area of China.
- 4.2 His statement was interrupted by the Delegate of Egypt, who quoted the decision just reached by the meeting on the reopening of discussion on decisions already adopted, and said that the Assembly should settle whether the discussion should be reopened on the point raised by the Delegate of the F.P.R. of Yugoslavia before he went on with his statement.
- 4.3 By 35 votes to 2 with 8 abstentions, the Assembly decided not to reopen the discussion.

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5. REPRODUCTION OF THE CWF AND FIELD STRENGTH CURVES
SUPPLIED BY THE UNITED STATES DELEGATION.

- 5.1 Mr. Arboleda (Colombia), the Chairman of Committee 4, stated that, at its 4th Meeting (see Doc. 127), Committee 4 had decided to refer to the Plenary Assembly the question of the reproduction of the extra field strength curves with which the United States Delegation had supplied the Conference. The curves were extremely useful, and he asked for the Plenary Assembly's permission for the work to be done.
- 5.2 There was a long discussion between the Delegates of Belgium and India, the Chairman, Mr. Millot, the Secretary, the Delegate of France, Mr. Gneme, the Vice-Chairman, the Delegate of Ceylon, Mr. Mulatier, the Secretary General of the I.T.U., and the Delegate of the United States.
- 5.3 The Delegate of India proposed, and the Assembly decided to ask the Secretariat to have the curves printed for the three phases of sunspot number 40 and then to have the curves for the other phases printed.

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The meeting rose at 1.25 p.m.

M. Minutti

J. Millot

Seen :

Rapporteur

Secretary

G. Vallauri

Chairman

/Rm

M I N U T E S

of the

Eleventh Meeting of the Plenary Assembly

Thursday, 11 May 1950, at 4 p.m.

Kursaal-Excelsior, Rapallo

- QUESTIONS DISCUSSED :
1. Statement by the Yugoslav Delegation.
 2. Communication concerning the British zone of occupation of Germany.
 3. Proposal by the Delegation for the Colonies, Protectorates, Oversea Territories and Territories under mandate or trusteeship of the United Kingdom of Great Britain and Northern Ireland, concerning the terms of reference of Committee 4 (discussion continued, see item 2 of the Minutes of the 10th Meeting of the Plenary Assembly, Doc. No. 182).

CHAIRMAN : Professor G. Vallauri

VICE-CHAIRMEN : Mr. G. Gneme
Lt. General L. Sacco

SECRETARY : Mr. J. Millot



Delegations present : Commonwealth of Australia - Austria - Belgium -
Burma - Canada - Ceylon - China - State of Vatican
City - Republic of Colombia - Portuguese Colonies -
Colonies, Protectorates, Oversea Territories and
Territories under mandate or trusteeship of the United
Kingdom of Great Britain and Northern Ireland - Oversea
Territories of the French Republic and Territories
administered as such - Belgian Congo and Territories
of Ruanda-Urundi - Costa Rica - Cuba - Denmark -
Dominican Republic - Egypt - United States of America -
Ethiopia - Finland - France - Greece - India - Republic
of the United States of Indonesia - Iran - Iceland -
State of Israel - Italy - Japan - Hashimite Kingdom
of Jordan - Lebanon - Luxembourg - Mexico - Monaco -
Nicaragua - Norway - New Zealand - Pakistan - Paraguay -
Netherlands, Surinam, Netherlands Antilles and New
Guinea - Portugal - French Protectorates of Morocco and
Tunisia - Federal People's Republic of Yugoslavia -
Southern Rhodesia - United Kingdom of Great Britain
and Northern Ireland - Sweden - Switzerland
(Confederation) - Syria - United States Territories -
Uruguay -

Observers : United Nations.

Also present : Mr. L. Mulatier, Secretary General of the International
Telecommunication Union,
Mr. J.A. Gracie, Chairman of the International
Frequency Registration Board.

1. STATEMENT BY THE YUGOSLAV DELEGATION.

- 1.1 Mr. Popović (F.P.R. of Yugoslavia) wished the following statement to be included in the minutes of the meeting (see Doc. No.182, para. 4) :

"The Delegation of the F.P.R. of Yugoslavia most categorically protests against the procedure adopted with regard to its statement made during the meeting of the Plenary Assembly on the morning of 11 May, with the intention of clearing up a question that had so far not been settled.

"In the use of such a procedure the Delegation of F.P.R. of Yugoslavia sees a serious obstacle to a freer, more active and more constructive participation by all delegations (including the Yugoslav Delegation) in the future work of the Conference."

2. COMMUNICATION CONCERNING THE BRITISH ZONE OF OCCUPATION OF GERMANY.

- 2.1 Mr. Rapp (United Kingdom) wished to call the attention of the Conference to the fact that the situation in Western Germany had changed considerably since the Mexico City Conference and that that part of Germany at present enjoyed a certain autonomy. Nevertheless, its autonomy did not extend to broadcasting, which still came under the Allied Control Commission. Since the Allied High Commission was not a member of the I.T.U., it was not in a position to be represented at the Conference. Consequently, any steps contemplated by that organization could only be communicated to the CIRAF by the representatives of the three occupying powers. As far as Great Britain was concerned, Colonel Chalk had arrived in Rapallo to explain on what basis the frequency requirements for the British Zone of occupation of Germany had been calculated. However, before Colonel Chalk took the floor, the speaker wished to clarify two points. It should be clearly understood that the frequencies for that zone had nothing to do with the frequency requirements of the United Kingdom; they were entirely independent of the B.B.C. and were not necessarily of a permanent nature; in other words, they were requirements of the Allied High Commission, submitted by the representatives of the three occupying powers, and on the conclusion of the Peace Treaty it would rest with the Allied Powers to decide the fate of the assignments made.

- 2.2 After thanking the Chairman for allowing him to speak on such a delicate question, Colonel Chalk (United Kingdom) said that as the Head of the United Kingdom Delegation had pointed out, the situation in Western Germany had changed considerably since the Mexico City Conference. The Allied High Commission had never agreed to the division of Germany, as it existed at the present time and saw in it a serious menace to the future of Europe. Hence it was all the more important that the part of Germany separated from Western Germany should have the assurance that it was neither neglected nor ignored by the remainder of the country. One of the principal means of achieving this was by broadcasting.

However, since the implementation of the Copenhagen Plan, the medium wave transmissions from Western Germany were no longer audible in Eastern Germany. It was therefore essential that an adequate number of high frequencies should be assigned to the Western Zones. As the United Kingdom Delegate had just said, the requirements for the British zone of occupation, although submitted by the British Delegation, should in no way be linked with British requirements. Moreover, frequencies so assigned would be used under the control of the Allied High Commission and, when the control was removed, the fate of the frequencies in question would be determined by the Peace Treaty. Although fully aware of the difficulties which this was likely to raise for Committee 4, he hoped that the requirements for Western Germany would be treated on the same lines as those submitted by other delegations, especially as the services for which those requirements were needed were of importance not only for Germany, but for all the countries represented at the Conference.

2.3 Mr. Daumard (France) had little to add to the remarkably clear statement that had just been made. He wished to point out, however, that the requirements for the occupation zones of Germany had been submitted by the three occupying powers and had been studied by Committee 3. The results of the Committee's studies were to be found on page 11 of Document 97. He added that a representative of France for the French zone of occupation, who was competent to supply any necessary information on the subject, had lately joined the French Delegation.

2.4 The Chairman said that the Assembly had listened attentively to the explanations just given and that Committee 4 would bear in mind the statements made.

3. PROPOSAL BY THE DELEGATION OF THE UNITED KINGDOM COLONIES CONCERNING THE TERMS OF REFERENCE OF COMMITTEE 4 (DISCUSSION CONTINUED. See item 2 of the MINUTES of the 10th PLENARY ASSEMBLY, Doc. No. 182).

3.1 The Chairman opened the discussion on the proposal that the Delegate of the United Kingdom Colonies had read at the previous meeting. The text, published in Document 135, was as follows:

"The Plenary Assembly directs Committee 4 to undertake, as part of the functions prescribed in the second paragraph of its terms of reference, the preparation of charts showing the loading in each band during each hour of the twenty-four for each of the six phases. These charts shall be based on the requirements of countries as set out in the Report of the Requirements Committee and such other information as the Committee shall deem it necessary to take into account. They shall be presented in a form which shows clearly where the band-loading exceeds that represented by the assignments :

- (a) in the Basic Plan, and
- (b) in each of the Paris Plans

and shall be issued to the Conference in sufficient copies and in sufficient time to enable each delegation to obtain a clear picture of the problem with which the Conference is faced before a final decision is taken on the question of the directives to be given to Committee 4 for its further work.

"Committee 4 shall so organize its work as to present its recommendations for consideration by the Plenary Assembly on 23 May at the latest. The band-loading charts shall be made available to all delegations not later than the morning of 19 May. Information received before 16 May shall be taken into account in preparing the charts."

3.2 The Delegates of Colombia, Egypt, the United States of America and India proposed various amendments to the text. In view of the technical nature of the discussion, the meeting was suspended to allow the authors of the amendments to agree upon a single text. At the resumption, Mr. Fryer (United Kingdom Colonies) announced the following text, on which he and his colleagues had agreed after amendments had been made by the Delegates of Portugal, Switzerland, Indonesia and Colombia:

"The Plenary Assembly directs Committee 4, among the other functions prescribed in the second paragraph of its terms of reference, to prepare charts showing the requirements in each band during each hour of the twenty-four for each of the six phases of the Plan on a regional basis. These charts shall be based on the observations on the Plans prepared by the T.P.C., on the requirements of countries as set out in the Report by the Requirements Committee and on such other information as the Committee deems fit to take into account. The Committee shall use only that information which reaches it before noon on 20 May.

" The ratio between the number of requirements and the capacity of the bands (the latter being a first approximation of the sharing possibilities in the corresponding plans) shall be shown both for the Basic Plan and the Paris Plans.

" The charts must be published in sufficient numbers and distributed to the members of the Conference in time for each delegation to consider the situation facing the Conference, before any decision is taken regarding the terms of reference to be given to the Committee for its further work.

" The Committee shall arrange its work in such a way as to be able to submit its recommendations to the Plenary Assembly on 29 May at the latest. The charts must be available to all delegations on the morning of 23 May at the latest."

The above text was adopted unanimously apart from one abstention.

The Assembly rose at 7 p.m.

Rapporteur:
M. Minutti

Secretary:
J. Millot

Seen,
G. Vallauri
Chairman

COMMITTEE 4

SECOND REPORT OF THE TECHNICAL SUB-COMMITTEE

The Technical Sub-Committee studied the problems presented in Document 48 and the following Documents that have a bearing on these questions:

- Doc. 1 of the U.K. and French Delegations
(Paris Session of the T.P.C.)
- Doc. 11 of the India Delegation (Paris Session of T.P.C.)
- Doc. 79 of the Delegation of Portugal (Paris T.P.C.)
- Doc. 34 of the U.S.A. Delegation (2nd Session of the IHFBC)
- Doc. 72 of the U.K. Delegation (" " " ")
- Doc. 79 of the Delegation of Portugal (2nd Session of the IHFBC)
- Doc. 80 of the U.S.A. Delegation (" " " ")
- Doc. 96 of the Italian Delegation (" " " ")

After a preliminary discussion of the various documents, the Subcommittee realized that though there was general agreement, minor differences of opinion had to be reconciled regarding the time of the seasonal changeovers. Consequently, a working group was constituted to study and make recommendations on the times of seasonal changeovers and the solar indices for which the phases of the Plan are to be drawn up. The composition of the working group is as follows:

Chairman : Portugal

Members : Egypt, U.S.A., India, Indonesia,
Mexico, and U.K.

The report of this Group, Document 129, was studied by the Subcommittee from a purely technical point of view, and the following recommendations are made for transmission to Committee 5 :

- A.1. Two sets of phases of the Plan (for sunspot numbers 40 and 12) will cover the period over which the smoothed sunspot number varies between 67 and 5.
2. The changeover from one set of phases of the Plan to another must coincide with a seasonal changeover.

The set of plans for sunspot number 40 will be used when the predicted sunspot number in the middle of one season is 34 or higher. The set of plans for sunspot 12 will be used if the predicted sunspot number in the middle of the season is less than 34.

3. As sufficiently accurate long term prediction of the sunspot number is not possible, it is advisable to collect, at least once a year, regular information from solar observatories in the various countries and study the available data so that it will be possible to determine, at least six months in advance, the seasonal changeover on which the changeover of the sets of phases of the Plan is to be effected.
- B.1. As the variations of OWF with seasonal changes are not similar in the various latitudes of the globe, unanimous agreement could not be reached on the specific periods of changeover. Nevertheless, the Subcommittee recommends the following compromise proposal based on technical considerations and suggests that the question of the choice of specific days or dates of changeover should be left to Committee 5:

Equinox to December plan	-	1st November
December to Equinox plan	-	1st March
Equinox to June plan	-	1st May
June to Equinox plan	-	1st September

The Subcommittee recommends the days or dates that will be finally decided upon should be as close to the above dates as possible.

2. In the course of its study, the Subcommittee had occasion to note that the most appropriate time for the changeover would be between 0955 and 1000 hours G.M.T. It feels its duty to make this known to Committee 5 informatively while pointing out that purely technical considerations do not necessitate any definite hour for the changeover.

M.L. SASTRY
Chairman.

Dn/Rg

Firenze/Rapallo - 1950

COMMITTEE 4

THIRD REPORT OF THE TECHNICAL SUB-COMMITTEE

A. Transmitter Location

The location of transmitters shall be represented by the zone according to which the OWF curves and the field strength data have been prepared at Mexico City.

B. Transmitter Power

- a) The transmitter power shall be the value of the unmodulated carried power;
- b) the power of the transmitter shall be indicated in decibels with reference to 1 kW.

C. Antenna Data

a) Antenna Gain

- I. The gain indicated by the country for the particular assignment will be assumed for purposes of calculation of the field strength, to be effective either in the main lobe or lobes. When information on the width of the main lobe or lobes is not available, the gain will be assumed to be effective over the areas of reception shown against that particular assignment.
- II. The effective power in directions other than the main lobe or lobes, or the regions of reception as the case may be, will be the carrier power of the transmitter.
- III. Whenever an omnidirectional antenna is shown (without indicating its gain) 5 db should be assumed to be the gain of the antenna for short distance transmissions (0-1000km) on the assumption that an antenna with accentuated vertical radiation is used. However, in cases where the gain is indicated, this figure shall be taken as it is on the assumption that the radiation is not predominantly vertical and no addition is to be made to the gain indicated by the country.

In case the interfering transmitter is using an omnidirectional antenna, the radiation at low angles shall be reduced by 5 db, if no indication of antenna gain is available, taking into account the vertical characteristics of the antenna.

b) Horizontal Beam Width of Antennae

The horizontal beam width is neither the value indicated by the country or when such information is not available, the angle included by the regions of reception indicated against the assignment.

c) Azimuth of Antennae

Where no azimuth is indicated, the antenna will be considered as being directed towards the zone or zones of reception indicated.

D. Data to be used in the Calculation of Field Intensity

Cases where the field strength curves (supplied by the U.S.A. and Mexico Delegations and accepted by this Conference) are available either directly or by interpolation, will be examined on the basis of this data. Other cases will be examined using one of the methods that facilitate rapid calculation of field strength or data that may become available to this Conference.

E. Calculation of the wanted and unwanted Field and the Protection Ratio

- a) The field intensity, either wanted or unwanted, will be the highest value of the signal obtained over the short path, the long path, or any other which is more favorable than either of the former two in the region of reception.
- b) The interfering field (when there are more than two transmitters simultaneously sharing a channel) will be calculated as follows :

If the individual interfering fields are in microvolts per metre E_1 , E_2 , E_3 , the intensity of the resultant interfering field will be given by

$$\sqrt{E_1^2 + E_2^2 + E_3^2 + \dots}$$

When one or more of the interfering signals is less than a quarter of the maximum interfering signal (or less than 12 db), the former will be neglected in these calculations.

- c) In case the desired field strength in the area of reception is greater than 150 microvolts per metre, the protection ratio will be calculated with respect to the actual field in the region of reception. On the other hand, in cases where the wanted field is 150 microvolts per metre or less, the protection ratio will be calculated with respect to a field of 150 microvolts per metre.

Firenze/Rapallo - 1950

COMMITTEE 4

THIRD REPORT OF THE TECHNICAL SUB-COMMITTEE

The Technical Sub-Committee has studied Document N°20 of the T.P.C., Second Session, Florence, that was passed on to it by Committee 4 at its 6th meeting, and unanimously agreed on the following recommendations. These recommendations are meant only to serve as a guide when making mass calculations on protection ratios:-

1. Transmitter Location

The location of transmitters shall be represented by the zone according to which the OWF curves and the field strength data have been prepared at Mexico City.

2. Transmitter Power

- a) The transmitter power shall be the value of the unmodulated carrier power;
- b) the power of the transmitter shall be indicated in decibels with reference to 1 kW.

3. Antenna Data

a) Antenna Gain

- I. The gain indicated by the country for the particular assignment will be assumed for purposes of calculation of the field strength, to be effective either in the main lobe or lobes. When information on the width of the main lobe or lobes is not available, the gain will be assumed to be effective over the areas of reception shown against that particular assignment.
- II. The effective power in directions other than the main lobe or lobes, or the regions of reception as the case may be, will be the carrier power of the transmitter.
- III. Whenever an omnidirectional antenna is shown (without indicating its gain) 5 db should be assumed to be the gain of the antenna for short distance transmissions(0-1000km)

on the assumption that an antenna with accentuated vertical radiation is used. However, in cases where the gain is indicated, this figure shall be taken as it is on the assumption that the radiation is not predominantly vertical and no addition is to be made to the gain indicated by the country.

In case the interfering transmitter is using an omnidirectional antenna, the radiation at low angles shall be reduced by 5 db, if no indication of antenna gain is available, taking into account the vertical characteristics of the antenna.

b) Horizontal Beam Width of Antennae

The horizontal beam width is either the value indicated by the country or when such information is not available, the angle included by the regions of reception indicated against the assignment.

c) Azimuth of Antennae

Where no indication of the azimuth is available, the antenna gain will be considered effective for the zone or zones of reception indicated.

4. Data to be used in the Calculation of Field Intensity

Cases where the field strength curves (supplied by the U.S.A. and Mexico Delegations and accepted by this Conference) are available either directly or by interpolation, will be examined on the basis of this data. Other cases will be examined using one of the methods that facilitate rapid calculation of field strength or data that may become available to this Conference.

5. Calculation of the wanted and unwanted Field and the Protection Ratio

a) The field intensity, either wanted or unwanted, will be the highest value of the signal obtained over the short path, the long path, or any other which is more favorable than either of the former two in the region of reception.

b) The interfering field (when there are more than two transmitters simultaneously sharing a channel) will be calculated as follows:

If the individual interfering fields are in microvolts per metre E_1, E_2, E_3, \dots , the intensity of the resultant interfering field will be given by

$$\sqrt{E_1^2 + E_2^2 + E_3^2 + \dots}$$

When one or more of the interfering signals is less than a quarter of the maximum interfering signal (or less than 12 db), the former will be neglected in these calculations.

c) In case the desired field strength in the area of reception is greater than 150 microvolts per metre, the protection ratio will be calculated with respect to the actual field in the region of reception. On the other hand, in cases where the wanted field is 150 microvolts per metre or less, the protection ratio will be calculated with respect to a field of 150 microvolts per metre.

M.L. SASTRY

Chairman.

Dn/Dp

Conférence internationale
de radiodiffusion à hautes fréquences

Firenze/Rapallo - 1950

Corrigendum N° 3
au Document N° 186-F
24 mai 1950

HORAIRE DES SEANCES

Jeudi 25 - 9 h 30	Remplacer :	W.G. 4 A	-	Salle A
	par :	s/G 4 A 1	-	Salle 2
Samedi 27 - 9 h 30	Remplacer :	Commission 4	-	Salle A
	par :	W.G. 4 A	-	Salle A

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Corrigendum N° 3
to Document N° 186-E
24 may, 1950

TIME TABLE OF MEETINGS

Thursday 25 - 9.30 a.m.	Replace :	W.G. 4 A	-	Room A
	by :	s/G 4 A 1	-	Room 2
Saturday 27 - 9.30 a.m.	Replace :	Committee 4	-	Room A
	by :	W.G. 4 A	-	Room A

Conferencia Internacional
de Radiodifusión por Altas Frecuencias

Firenze/Rapallo - 1950

Corrigendum núm. 3
al Documento núm. 186-S
24 de mayo de 1950

HORARIO DE SESIONES

Jueves 25 - a las 9.30 a.m., substitúyase :	W.G. 4 A	-	Sala A
por :	s/G 4 A 1	-	Sala 2
Sábado 27 - a las 9.30 a.m., substitúyase :	Comisión 4	-	Sala A
por :	W.G. 4 A	-	Sala A



Conférence internationale
de radiodiffusion à hautes fréquences

—
Firenze/Rapallo - 1950
—

Document N° 186-F
24 mai 1950

Corrigendum N° 2

—
HORAIRE DES SEANCES
—

Jeudi 25. - 15 h., ajouter W.G. 5 B - Salle B

Vendredi 26 - 9½ h., remplacer W.G. 5 A par Commission 5.

International High Frequency
Broadcasting Conference

—
Firenze/Rapallo - 1950
—

Document N° 186-E
24 May 1950

Corrigendum N° 2

—
TIME-TABLE OF MEETINGS
—

Thursday 25- 15 h., add W.G. 5 B - Room B

Friday 26 - 9½ h., replace W.G. 5 B by Committee 5.

Conferencia Internacional
de Radiodifusión por Altas Frecuencias

—
Firenze/Rapallo - 1950
—

Documento núm. 186-S
24 de Mayo de 1950

Corrigendum núm. 2

—
HORARIO DE SESIONES
—

Jueves 25 - a las 15, añádase : W.G. 5 B - Sala B

Viernes 26 - a las 9.30, substitúyase W.G. 5 A por
Comisión 5.



Conférence internationale de
radiodiffusion à hautes fréquences

Document No.186-F
20 mai 1950

Firenze/Rapallo - 1950

Corrigendum No.1

HORAIRE DES SEANCES

Mercredi 24 à 15 h., au lieu de = "S.C.4 (technique) Salle A"
lire = "Commission 4 - Salle A"

International High Frequency
Broadcasting Conference

Document No.186-E
20 May 1950

Firenze/Rapallo - 1950

Corrigendum No.1

TIME-TABLE OF MEETINGS

Wednesday 24 at 3 p.m. instead of = "S.C.4 (technical) Room A"
read = "Committee 4 - Room A"

Conferencia Internacional de
Radiodifusión por Altas Frecuencias

Documento núm.186-S
20 de Mayo de 1950

Firenze/Rapallo - 1950

Corrigendum núm.1

HORARIO DE SESIONES

Miercoles 24 a las 3 horas p.m. en lugar de = "S.C.4 (tecnica) Sala A"
lease = "Comisión 4 - Sala A"



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 186-E
20 May 1950

TIME-TABLE OF MEETINGS

from Monday 22nd to Saturday 27th May 1950

	<u>Morning</u> 9.30 a.m.		<u>Afternoon</u> 3 p.m.	
	Committee	Room	Committee	Room
Monday 22	s/G. 4 A 3 s/G. 4 A 1	B 2	W.G. 7 s/G. 4 A 1	B 2
Tuesday 23	s/G. 4 A 3 s/G. 4 A 1	B 2	Committee 5 s/G. 4 A 1	A 2
Wednesday 24	Committee 7 s/G. 4 A 1 s/G. 4 A 3	A 2 B	S.C. 4 (technical) s/G. 4 A 1	A 2
Thursday 25	W.G. 4 A	A	Committee 2	A
Friday 26	W.G. 5 A	A	W.G. 4 A at 6 p.m. : Committee 1 - Limited Group	A B
Saturday 27	Committee 4	A		

Rooms A and B : Kursaal (equipped for simultaneous interpretation)

Rooms 1, 2, 3, 4, : Excelsior

W.G. : Working Group

s/G. : Sub-Group

S.C. : Sub-Committee

Dn/Rg

Firenze/Rapallo - 1950

COMMITTEE 2

CREDENTIALS COMMITTEE

DRAFT REPORT TO THE PLENARY ASSEMBLY

1. The Credentials Committee has held four meetings, on 11 and 24 April and 16 and 25 May as shown in the minutes, Documents 41, 95, 174 and . . . respectively.
2. The terms of reference and membership of the Committee were fixed by the Plenary Assembly of the Conference in its meetings on 5, 6 and 7 April, as shown in Documents 27, 61 and 62. The Committee's terms of reference are "To check the credentials of the various delegates in accordance with the provisions of the Atlantic City International Telecommunication Convention."
3. At its first meeting on 11 April (Document 41) the Credentials Committee decided to study the procedure followed by the Mexico City International High Frequency Broadcasting Conference, and requested the Secretariat to publish a document outlining the decisions adopted by the Plenary Assembly of the said Conference with regard to the checking of Credentials (Document 65).
 - 3.1 At its second meeting, the Committee approved Document 65, resolving to adopt it as a guide for the checking of Credentials, subject to one amendment by the Italian delegate, viz. to add to point 2 on page 2 of the document:
"b) Telegrams coming from authorities mentioned under point 1."
 - 3.2 A Working Group was set up; its terms of reference and membership are shown in point 4 of Document 95.
 - 3.3 The Working Group held three meetings and submitted a report to the Committee (Document 156).

Dn/Cp



4. In accordance with the Committee's decision to adopt the procedure followed by the Mexico City Conference as a guide (point 2.3 of Document 95) and to explain the methods used (Annex 3), the Committee studied 59 credentials and 2 proxies, classifying them as follows:

4.1 A. - Final Credentials

1) Credentials considered complete: Australia, Austria, Bulgaria, Vatican City, Denmark, Egypt, France, India, Iceland, Italy, Japan, New Zealand, Portugal, French Protectorates of Morocco and Tunisia, Sweden, Switzerland, Uruguay, Yugoslavia (18 countries).

2) Credentials considered incomplete because they do not indicate the extent of the powers granted to the delegation as regards signing the final documents or acts of the Conference: Belgium, Canada, Ceylon, Colombia, Colonies of the United Kingdom, Belgian Congo, United States, Finland, Guatemala, Indonesia, Israel, Luxembourg, Mexico, Monaco, Norway, Pakistan, Paraguay, Netherlands, Southern Rhodesia, United Kingdom, Syria, Territories of the United States of America, Oversea Territories of the French Republic, Venezuela (23 countries).

B. - Provisional Credentials

1) Considered provisional because of their character and incomplete because they do not establish power to sign: Albania, China, Portuguese Colonies, Costa Rica, Dominican Republic, Ethiopia, Greece, Honduras, Iran, Lebanon, Nicaragua, Poland, Czechoslovakia (13 countries).

2) Considered to be simple communications since they are telegrams announcing participation in the Conference: Cuba, Ireland (2 countries).

3) Considered provisional because of their character, irregular in their manner of presentation, and incomplete because they do not establish power to sign: Roumania (1 country).

4) Credentials, acceptance of which it would seem advisable to withhold since the representative whom they accredit cannot be admitted to the Conference as an observer in view of his being a Member of the I.T.U. (See list of such Members in Annex I to the Convention): Brazil (1 country).

C. - Proxies

Considered provisional because of their character and incomplete because they do not establish power to sign: Burma, Jordan (2 countries).

- 4.2 Final but incomplete Credentials, and provisional Credentials and proxies, do not empower delegations to sign the final documents and acts of the Conference.

5. The Committee resolved to recommend the Plenary Assembly of the Conference:
- 5.1 To urge the I.T.U. to make recommendations to Administrations regarding the wording of the Credentials of delegates attending international conferences.
- 5.2 To advise delegations, on the basis of Chapter 3, paragraph 2, subparagraph 3 of the General Regulations annexed to the International Telecommunication Convention, to take the necessary steps to regularize incomplete and provisional credentials, thus enabling them to sign the final documents and acts of the Conference. The Plenary Assembly should also reach a decision as soon as possible regarding definitive acceptance of Credentials considered final and **complete**.
- 5.3 To study the proposal submitted by the Delegation of Italy concerning the representation at the Conference of Member Countries of the Union by other Member Countries (Document 159).
6. The Committee decided, on a motion by the Delegate of New Zealand, that the contents of the statement by the Delegation of the Federal People's Republic of Yugoslavia (Document 95) were outside the Committee's terms of reference and that no action would be taken in the matter.
- 6.1 At the request of the Italian Delegate, note was taken of his statement that he considered that the question of the Yugoslav statement should not be discussed since it had already been settled in the Plenary Assembly.
- 6.2 The Federal People's Republic of Yugoslavia requested that its statement should be included in the final report. The text is as follows:
- "The Delegate of the Federal People's Republic of Yugoslavia feels bound to make the following statement, which it wishes to have inserted in the minutes of the meeting and in the final report of the Credentials Committee.
- "In view of the situation actually existing in China after the war of liberation and the national and social revolution in that country, now that the Chinese people and its national army of liberation have come into power and expelled the former Kuomintang regime, it can be stated categorically that the Ministry of the P.T.T. and the Telecommunication Department of the Kuomintang Government no longer have any executive powers and are not in a position to take responsibility for the territory of China.
- "Moreover, it was decided at the first meeting of the Credentials Committee that credentials could be presented only by the competent administration, and Annex 2 to the International Telecommunication Convention states clearly that the competent administration is 'any department or service of a government responsible for implementing the obligations undertaken in the International Telecommunication Convention and the Regulations annexed thereto.'

"Now it is precisely these indispensable conditions that are not fulfilled by the Ministry of the P.T.T. and the Telecommunication Department of the Kuomintang.

"In these circumstances the Chinese delegate possessing credentials issued by the Kuomintang cannot, by his signature, guarantee that the terms laid down in the international agreement and the Plan annexed thereto will be carried out and respected in the territory of China.

"For this reason the Delegation of the F.P.R. of Yugoslavia considers that the credentials of the Kuomintang delegates cannot be regarded as a valid document by the Second International High Frequency Broadcasting Conference.

"The Delegation of the F.P.R. of Yugoslavia therefore proposes that the Credentials Committee should resolve that the delegates of the Kuomintang P.T.T. Administration shall have the right neither to vote nor to sign the final documents of the Conference and the plans prepared by it."

Approved :

R.J. Milans
Chairman.

A N N E X I

CLASSIFICATION OF CREDENTIALS AND PROXIES BY COUNTRY

- A 1 Credentials considered complete
- A2 Credentials considered incomplete
- B 1 Credentials considered provisional because of their character and incomplete since they do not establish power to sign.
- B 2 Credentials considered to be simple communications
- B 3 Credentials considered provisional because of their character, irregular in their manner of presentation and incomplete because they do not establish power to sign.
- B 4 Credentials, acceptance of which it would seem advisable to withhold since the representative whom they accredit cannot be admitted to the Conference as an observer in view of his being a Member of the I.T.U.
- C Proxies considered provisional because of their character and incomplete since they do not establish power to sign.

Ho/Cq.

(Annex I to Doc. No. 187-E)

* Countries members of the ITU not yet represented at the High Frequency Broadcasting Conference, at its Firenze /Rapallo session on 15 May 1950.

<u>Classification of credentials</u>		<u>Countries Members of the Union</u>
1.	-	* Afghanistan
2.	B1	Albania (People's Republic of)
3.	-	* Saudi Arabia (Kingdom of)
4.	-	* Argentine Republic
5.	A1	Australia (Commonwealth of)
6.	A1	Austria
7.	A2	Belgium
8.	-	Bielorussian Soviet Socialist Republic
9.	C	Burma
10.	-	Bolivia
11.	B4	Brazil
12.	A1	Bulgaria (People's Republic of)
13.	A2	Canada
14.	A2	Ceylon
15.	-	* Chile
16.	B1	China
17.	A1	Vatican City (State of)
18.	A2	Colombia (Republic of)
19.	B1	Portuguese Colonies
20.	A2	Colonies, Protectorates, Oversea Territories and Territories under mandate or trusteeship of the United Kingdom of Great Britain and Northern Ireland
21.	A2	Oversea Territories of the French Republic and Territories administered as such
22.	A2	Belgian Congo and Territories of Ruanda- Urundi
23.	B1	Costa Rica
24.	B2	Cuba

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(Annex I to Doc. No. 187-E)

25.	A1	Denmark
26.	B1	Dominican Republic
27.	A1	Egypt
28.	-	* El Salvador (Republic of)
29.	-	* Ecuador
30.	A2	United States of America
31.	B1	Ethiopia
32.	A2	Finland
33.	A1	France
34.	B1	Greece
35.	A2	Guatemala
36.	-	* Haiti
37.	B1	Honduras
38.	-	Hungarian People's Republic
39.	A1	India
40.	A2	Indonesia (Republic of the United States of)
41.	B1	Iran
42.	-	* Iraq
43.	B2	Ireland
44.	A1	Iceland
45.	A2	Israel (State of)
46.	A1	Italy
47.	A1	Japan
48.	C	Jordan (Hashimite Kingdom of)
49.	B1	Lebanon
50.	-	* Liberia
51.	A2	Luxembourg
52.	A2	Mexico
53.	A2	Monaco
54.	B1	Nicaragua
55.	A2	Norway
56.	A1	New Zealand
57.	A2	Pakistan
58.	-	* Panama
59.	A2	Paraguay

(Annex I to Doc. No. 187-E)

60.	A2		Netherlands, Surinam, Netherlands Antilles and New Guinea
61.	-	*	Peru
62.	-	*	Philippines (Republic of)
63.	B1		Poland (Republic of)
64.	A1		Portugal
65.	A1		French Protectorates of Morocco and Tunisia
66.	A1		Yugoslavia (Federal People's Republic of)
67.	-	*	Ukrainian Soviet Socialist Republic
68.	A2		Southern Rhodesia
69.	B3		Roumanian People's Republic
70.	A2		United Kingdom of Great Britain and Northern Ireland
71.	A1		Sweden
72.	A1		Switzerland (Confederation)
73.	A2		Syria
74.	B1		Czechoslovakia
75.	A2		Territories of the United States of America
76.	-	*	Thailand
77.	-	*	Turkey
78.	-	*	Union of South Africa and Territory of South West Africa
79.	-		Union of Soviet Socialist Republics
80.	A1		Uruguay (Oriental Republic of)
81.	A2		Venezuela (United States of)
82.	-	*	Yemen

Annex 2

Delegations holding proxies from countries which have accredited no delegation to the Conference :

India proxy for Burma

Syria proxy for the Hashimite Kingdom of Jordan

Delegations one or more of whose members have been appointed delegates of another country not present at the Conference :

Italy : Mr. Gneme has been appointed delegate for Nicaragua

United Kingdom Messrs. H. Faulkner (not yet arrived) and
of Great Britain P.W. Fryer have been appointed delegates for
and Northern the Colonies, Protectorates, Oversea Territories
Ireland : and Territories under mandate or trusteeship of
the United Kingdom of Great Britain and Northern
Ireland.

Mr. Charlton Higgs has been appointed delegate for
Southern Rhodesia.

Denmark : Mr. Børge Nielsen has been appointed delegate for Iceland.

Annex 3

Report on the procedure followed by the International High Frequency Broadcasting Conference, Mexico City, and adopted as a guide to the checking of credentials by the Credentials Committee at its Second Meeting held on 24 April, 1950 (Doc. No. 65).

*
* *

I. CREDENTIALS

On the recommendation of its Credentials Committee, the Plenary Assembly of the Mexico City Conference adopted the following text, to be found as Annex B to the Committee's report dated 5 November 1948 (Doc. 68) :

"The International High Frequency Broadcasting Conference, considering that the credentials submitted by various delegations differ in character in that some emanate from the Head of the State, others from the Ministry of Foreign Affairs and still others from the Ministry or Administrative Director of the Communications Ministry or Department, the Plenary Assembly recommends that participants in the International High Frequency Broadcasting Conference obtain such letters of credentials as are required by the procedure or laws of their respective countries to confer upon them the authority,

- a) to participate in the Conference, and,
- b) at the appropriate time, when the nature of the final documents or acts which the Conference may establish becomes clear, to sign such documents or acts."

The report (Doc. 68) also shows that the Committee received the following documents from delegations and organisations :

1. Final credentials :

- a) Credentials from the Heads of Governments or Ministers of Foreign Affairs, or submitted in their name;
- b) Credentials signed by the Minister of Communications or other similar or competent authorities;
- c) Credentials signed in accordance with the instructions of the Head of the Government or Administration by the Head of the diplomatic mission of various countries accredited to Mexico.

2. Provisional Credentials :

- a) Telegrams from either the Ministry of Foreign Affairs or the Ministry of Communications.

(Ann. 3 to Doc. No. 187-E)

NOTE : The Credentials Committee of the Florence/Rapallo Conference adopted, at its Second Meeting on 24 April 1950 (Doc. No. 95), the proposal by the Delegate of Italy to add the following text to paragraph 2 above :
"b) telegrams coming from the authorities mentioned under point 1".

A note (Doc. 31) from the Credentials Committee was distributed on 30 October 1948, and it read as follows :

"Various delegations have submitted credentials in the form of telegrams notifying the participation, and, in certain cases, the composition of the delegations.

Those delegations are requested to submit as soon as possible letters of credence in accordance with the regulations and objects of the Conference, and in conformity with the exigencies and procedures of their several countries."

II. MANDATES AND PROXIES

In its report, the Committee listed the countries which had sent final and provisional documents and then pointed out certain cases of representation by proxy. The Plenary Assembly, by a vote of 32 to 10 with 12 abstentions, decided that they should be dealt with in the following manner :

"The International High Frequency Broadcasting Conference,
considering :

1. that the Convention and the General Regulations of Atlantic City do not contain explicit and specific provisions, either authorizing or prohibiting the conferring of mandates on the part of an administration, which cannot participate in the conference either during its entire duration or temporarily, upon a delegation duly accredited by the conference;
2. that certain administrations (Iceland, Iran, Syria) have conferred permanent mandates upon various delegations or members thereof (respectively Denmark, Switzerland, Egypt), and that other administrations (Luxembourg, Portuguese Colonies, etc..) have conferred temporary mandates upon accredited delegations or members thereof (respectively Netherlands, Portugal and others),

Decides :

- a) to accept those credentials of the above delegations which are in order, provided that participation by mandate or proxy is acknowledged to involve participation in the cost of the conference;
- b) to agree that other administrations absent from the conference, who may wish to confer similar mandates, may do so on the same terms;

- c) to exclude the conferring of more than two votes on a given delegation either directly or through any of its members;
- d) to apply strictly Chapter III (3) of the General Regulations (*) in reference to temporary proxies given by one delegation to another;
- e) to refer the questions of principle involved in this matter to the consideration of the Administrative Council at its next session, with the reservation that the above decisions do not prejudice the ultimate solution of the problem. (**)"

(*) Paragraph 3 of Chapter III of the General Regulations is worded as follows :
"No delegation may exercise the right to vote until its credentials are declared to be in order by the special committee referred to above."

(**) After discussing the problem, the Administrative Council asked the Secretary General of the Union to submit a report to the 5th Session (Doc. No. 566/CA 4/37 - 4th Session, 37th Meeting, 2 October, 1949).

Firenze/Rapallo - 1950

DOMINICAN REPUBLIC

The following telegram has been received by the Secretary General of the I.T.U. from the Minister of Foreign Affairs of the Dominican Republic :

From Ciudad Trujillo Rd 3069 86 12 1140 Domgovt
Via Turksradio Imp Administrative Council of the International
Telecommunication Union Geneva +

14355 I have the honour to inform you that the Government of the Dominican Republic will be represented at the Second Session of the International Administrative High Frequency Broadcasting Conference meeting in Florence by Dr. Emilio Rodriguez Demorizi, Envoy Extraordinary and Minister Plenipotentiary of my Government in Italy, following instructions sent to him through his Legation in Italy. My Government asks that present telegram be communicated by the Union to the Secretariat of the said Conference as requested by the above mentioned delegate.-

Virgilio Diaz Ordonez
Secretary of State for Foreign Affairs -

Firenze/Rapallo - 1950

COMMITTEE 4

Protection of Aeronautical Radiocommunications
at the edges of the frequency bands of the
Aeronautical Mobile Service

The following recommendation, adopted by the International Administrative Aeronautical Radio Conference (Geneva, 1948-1949), is brought to the attention of delegates :

"Recommendation No. 2

to the High Frequency Broadcasting Conferences, concerning the Protection of Aeronautical Radiocommunications at the Edges of the Frequency Bands of the Aeronautical Mobile Service.

The International Administrative Aeronautical Radio Conference,

considering:

that, between 2850 kc/s and 27,500 kc/s, the frequency bands allocated to the Aeronautical Mobile Service and those allocated to the broadcasting service have common dividing points;

recommends:

that every appropriate measure be taken by the High Frequency Broadcasting Conferences, in order that aeronautical radiocommunications, as provided for by the International Administrative Aeronautical Radio Conference, will be protected at common dividing points against possible radiation from broadcasting stations outside the 10 kc/s bandwidth as recommended for each of these stations by the High Frequency Broadcasting Conference, Atlantic City (1947)."

Dn/Cp



This recommendation concerns the following bands :

1. Aeronautical Mobile (OR) : 15010 - 15100 kc/s
Broadcasting : 15100 - 15450 kc/s
2. Broadcasting : 17700 - 17900 kc/s
Aeronautical Mobile (R) : 17900 - 17970 kc/s

It is pointed out that the assigned frequencies closest to the common dividing points of these bands are as follows :

1. Aeronautical Mobile (CR) : 15096.5 kc/s
Broadcasting : 15105 kc/s
(separation : 8.5 kc/s)
2. Broadcasting : 17895 kc/s
Aeronautical Mobile (R) : 17906.5 kc/s
(separation 11.5 kc/s)

The International Administrative Aeronautical Radio Conference made the following assignments for the frequencies 15096.5 kc/s and 17906.5 kc/s :

1)

15096.5 kc/s Aeronautical Mobile (OR) - Class A 1 only.
Region 1 : Netherlands
Region 2 : Alaska - Argentine (300 W) - Curacao - United States
Region 3 : Indonesia

2)

17906.5 kc/s Aeronautical Mobile (R) - Classes A1, A2, A3, A4, F1 -
Radiated power : 4 kW (peak) for aeronautical stations and
200 W (peak) for aircraft stations.

MWARA : CWP - EU - NP.

Definition of MWARA : CWP, EU and NP.

MWARA - CWP Major World Air Route Area - CENTRAL WEST PACIFIC.

From the coordinate 17°N-155°W through the coordinates
10°N-160°E, 10°N-117°E, 23°N-114°E, 40°N-117°E, 25°N-155°W,
to the coordinate 17°N-155°W.

MWARA - EU

Major World Air Route Area - EUROPE.

From the coordinate 33°N-12°W through the coordinates 32°N-13°E, 29°N-35.5°E, 40°N-34°E, 42°N-30°E, then along borders between following countries: Bulgaria and Turkey, Greece and Bulgaria, Greece and Yugoslavia, Greece and Albania to the coordinate 40°N-19°E, through the coordinate 45°N-13°E; then along the borders between Yugoslavia and Italy, Yugoslavia and Austria, Hungary and Austria, Hungary and Czechoslovakia, U.S.S.R. and Czechoslovakia, Poland and Czechoslovakia, Poland and Germany; then through the coordinates 55°N-14°E, 60°N-20°E, 60°N-27°E, excluding all U.S.S.R. and Republic of Poland Territories, thence along the border between U.S.S.R. and Finland and through the coordinates 72°N-30°E, 70°N-00°, 54°N-12°W, to the coordinate 33°N-12°W.

MWARA - NP

Major World Air Route Area - NORTH PACIFIC

From the coordinate 46°N-122°W, through the coordinates 50°N-170°W, 33°N-138°E, 38°N-138°E, 50°N-166°E, 62°N-150°W, 55°N-110°W, to the coordinate 46°N-122°W.

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Corrigendum No. 2
to Document No. 190-E
31 May 1950

COMMITTEE 4

REPORT BY SUB-GROUP 4 A 1

Page 5 of Corrigendum No.1 to Doc. 190-E, under :

EQUINOX 12

please read :

Ceylon

Column 9 REQ

for 11 read $11\frac{1}{2}$
(and not $9\frac{1}{2}$)

Column Req.Total

for 41 read $47\frac{1}{2}$
(and not $45\frac{1}{2}$)

Dn/Cé



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Corrigendum No.1 to
Document No.190-E
30 May 1950

COMMITTEE 4

REPORT BY SUB-GROUP 4A 1

Following the interviews which took place, as provided, with SubGroup 4A 1 concerning Document 190, the following corrections should be effected in the above document:

Appendix A - nil.

Appendix B

The effect of the following small corrections on the tables of Appendix B is so negligible as not to warrant any modification of these tables.

Appendix C

A revised edition of this Appendix has been published dated 30 May 1950.

Appendix D

JUNE 40

Page 1

Germany (Am. Zone)

Column 9 REQ.	for	20	read	21
" Req.Total	"	62	"	63

Ceylon

Column 9 REQ.	for	12	read	12½
" Req.Total	"	58½	"	59

French OS Terr.

Column 6 REQ.	for	145	read	148
" 7 REQ.	"	72½	"	85½
" Req.Total	"	389	"	398

Page 3

Lebanon

In the columns headed "REQ", for : 7, 7, 0, 10, 7, 5, 0, 36
read, as appropriate: 3, 9, 12, 4, 4, 4, 0, 36

Dn/Rg



Page 3(cont'd)

Netherlands

Delete this line and replace by the following (see end)

Page 4

Totals

In the columns headed "REQ", for :

2764½, 1319½, 2206, 1900, 1298½, 683½, 10542½

read, as appropriate :

2763½, 1334½, 2219½, 1895, 1294½, 682½, 10560

Total additional requirements per band

for : 629½, 157½, 535, 653, 390½, 214½, 2527½

read as appropriate:

628½, 172½, 548½, 648, 386½, 213½, 2545

EQUINOX 40

Page 1

Canada

Column 9 REQ.	for	39½	read	40½
---------------	-----	-----	------	-----

" 11 REQ.	"	19	"	21
-----------	---	----	---	----

" Req.Total	"	186½	"	189½
-------------	---	------	---	------

French OS Terr.

Column 7 REQ.	for	75½	read	88½
---------------	-----	-----	------	-----

" Req.Total	"	389½	"	402½
-------------	---	------	---	------

Page 3

Lebanon

In the columns headed "REQ", for : 7, 5, 13, 2, 4, 5, 0, 36

read, as appropriate : 3, 9, 16, 6, 2, 0, 0, 36

Netherlands

Delete this line and replace by the following (see end)

Page 4

Syria

Column "Basic Plan", for 35 read $35\frac{1}{2}$

Tangier (USA)

Column 17 REQ., for 14 read 13

" Req. Total " 120 " 119

Totals

In the columns headed "REQ", for :

$2824\frac{3}{4}$, $1361\frac{1}{4}$, $2369\frac{1}{2}$, 1580, $1079\frac{1}{2}$, $686\frac{1}{2}$, $10370\frac{1}{2}$

read, as appropriate :

$2820\frac{3}{4}$, $1378\frac{1}{4}$, $2373\frac{1}{2}$, 1586, $1077\frac{1}{2}$, $681\frac{1}{2}$, $10386\frac{1}{2}$

Total additional requirements per band

for :

$719\frac{1}{4}$, $218\frac{1}{2}$, $836\frac{1}{2}$, $330\frac{1}{2}$, $270\frac{1}{2}$, $248\frac{1}{2}$, $2527\frac{1}{4}$,

read, as appropriate :

$715\frac{1}{4}$, $235\frac{1}{2}$, $840\frac{1}{2}$, $336\frac{1}{2}$, $268\frac{1}{2}$, $243\frac{1}{2}$, $2543\frac{1}{4}$

DECEMBER 40

Page 1

French OS Terr.

Column 7 REQ. for 129 read 142

" 15 REQ. " 15 " 14

" 17 REQ. " 15 " 13

" 21 REQ. " 24 " 26

" Req.Total " $379\frac{1}{2}$ " $391\frac{1}{2}$

Page 3

Lebanon

In the columns headed "REQ", for

16, 4, 11, 3, 2, 0, 0, 36

read, as appropriate :

16, 11, 7, 2, 0, 0, 0, 36

Pakistan

Column P.P. Total, for 109 read $109\frac{1}{2}$

Netherlands

Delete this line and replace by the following (see end).

Page 4

Totals

In the columns headed "REQ", for 1554, 2152, 824, $482\frac{1}{2}$, 450, 9862
read, as appropriate : 1575, 2148, 821, $477\frac{1}{2}$, 452, 9873

Total additional requirements per band

For : 639, 875, 214, $97\frac{1}{2}$, 42, 3939
read, as appropriate : 660, 871, 211, $92\frac{1}{2}$, 44, 3950

JUNE 12

Page 1

Ceylon

Column	9	REQ.	for	$22\frac{1}{2}$	read	$23\frac{1}{2}$
"	15	REQ.	"	$5\frac{1}{2}$	"	$6\frac{1}{2}$
"		Req. Total	"	46	"	48

French OS. Terr.

Column	7	REQ.	for	122	read	136
"	15	REQ.	"	23	"	24
"		Req. Total	"	$377\frac{1}{2}$	"	$392\frac{1}{2}$

Page 3

Lebanon

In the columns headed "REQ" for : 12, 0, 16, 6, 2, 0, 0, 36
read, as appropriate : 3, 12, 11, 6, 4, 0, 0, 36

Page 3 (cont'd)

Pakistan

Column 15 REQ.	for	7	read	6
" Req.Total	"	141½	"	140½

Netherlands

Delete this line and replace by the following (see end)

Page 4

Totals

In the columns headed "REQ", for : 2972, 1405, 2229½, 1150½, 10412
read, as appropriate : 2963, 1431, 2225½, 1153½, 10428

Total additional requirements per band

For	:	704, 217, 787, 311½, 2889
read, as appropriate	:	695, 243, 783, 314½, 2905

EQUINOX 12

Page 1

Canada

Column 6 REQ.	for	124	read	125
" Req.Total	"	190½	"	191

Ceylon

Column 9 REQ.	for	11	read	9½
" 11 REQ.	"	20½	"	22½
" 15 REQ.	"	3	"	6
" 17 REQ.	"	3	"	4
" Req.Total	"	41	"	45½

China

Column 11 REQ.	for	53½	read	59½
" Req.Total	"	229	"	235

French OS Terr.

Column 7 REQ.	for	78½	read	91½
" Req.Total	"	380	"	393

Page 3

Lebanon

In the columns headed "REQ", for : 12, 5, 10, 9, 0, 0, 0, 36
read, as appropriate : 9, 12, 13, 2, -, -, -, 36

Netherlands

Delete this line and replace by the following (see end)

Page 4

Totals

In the columns headed "REQ", for : 1522, 2282 , 1586, 959, 489, 10180
read, as appropriate : 1542, 2282½, 1587, 962, 490, 10205½

Total additional requirements per band

for : 463, 828 , 480, 238½, 157, 3164
read, as appropriate : 483, 828½, 481, 241½, 158, 3189½

DECEMBER 12

Page 1

Canada

Column 6 REQ.	for	135½	read	136½
" 9 REQ.	"	43½	"	44½
" Req.Total	"	191	"	193

Ceylon

Column 9 REQ.	for	8	read	8½
" 15 REQ.	"	10½	"	13
" 21 REQ.	"	6½	"	3
" Req.Total	"	47½	"	47

Page 1 (cont'd)

French OS Terr.

Column 6 REQ.	for	133½	read	135½
" 7 REQ.	"	88	"	101
" Req.Total	"	376	"	391

Page 2

Denmark

Column 11 REQ.	for	1½	read	2
" Req.Total	"	14½	"	15

Page 3

Lebanon

In the columns headed "REQ" for : 18, 7, 9, 2, 0, 0, 0, 36
read, as appropriate : 16, 11, 7, 2, 0, 0, 0, 36

Page 4

Totals

In the columns headed "REQ" for :
3477 , 1554½, 2205½, 1219½, 757, 331 , 9958½
read, as appropriate :
3478½, 1571½, 2204½, 1220 , 759½, 327½, 9975½

Total additional requirements per band

for : 1586 , 640, 598, 192½, 221 , 77 , 3458½
read, as appropriate :
1587½, 657, 597, 193½, 22½, 73½, 3475½

DOCUMENT No 1 - Corrigendum No 1 -

	6		7		9		11		15		17		21		D.p.	Req.	En Plan
	pp	Req	pp	Req	pp	Req	pp	Req	pp	Req	pp	Req	pp	Req	Total	Total	Plan
<u>June 40</u>																	
Pays-Bas	10	10	3	3	5	16	6	19	12	28	6½	11½	11	4	53½	91½	56½
Antilles et Surinam	34	34	-	0	1	1	5	5	1	1	1	1	-	0	42	42	42
Nouvelle-Guinée	-	5	-	4	-	3	-	3	-	0	-	0	-	0	-	15	-
Total	44	49	3	7	6	20	11	27	13	29	7½	12½	11	4	95½	148½	98½
<u>Equinox 40</u>																	
Pays-Bas	9	15	3	3	5	20	6	17	12	14	6	18	11½	4½	52½	91½	56½
Antilles et Surinam	31	34	-	0	1	1	5	5	1	1	1	1	-	0	39	42	42
Nouvelle-Guinée	-	5	-	4	-	6	-	0	-	0	-	0	-	0	-	15	-
Total	40	54	3	7	6	27	11	22	13	15	7	19	11½	4½	91½	148½	98½
<u>December 40</u>																	
Pays-Bas	5½	25	2	9	11	20	2	10	11½	10	2½	8	7½	9½	42	91½	56½
Antilles et Surinam	20	34	-	0	3	1	1	6	1	1	5	0	-	0	30	42	42
Nouvelle-Guinée	-	5	-	4	-	6	-	0	-	0	-	0	-	0	-	15	-
Total	25½	64	2	13	14	27	3	16	12½	11	7½	8	7½	9½	72	148½	98½
<u>June 12</u>																	
Pays-Bas	9	15	3	3	4	20	13	30	7½	20½	11½	3	-	0	48	91½	56½
Antilles et Surinam	31½	34	-	0	1	1	6	5	2	2	-	0	-	0	40½	42	42
Nouvelle-Guinée	-	5	-	4	-	3	-	3	-	0	-	0	-	0	-	15	-
Total	40½	54	3	7	5	24	19	38	9½	22½	11½	3	-	0	88½	148½	98½
<u>Equinox 12</u>																	
Pays-Bas	13	20	-	4	2	17	13	27	11	19	4	4½	1½	0	44½	91½	56½
Antilles et Surinam	28	34	-	0	-	1	6	6	1	1	-	0	-	0	35	42	42
Nouvelle-Guinée	-	5	-	4	-	6	-	0	-	0	-	0	-	0	-	15	-
Total	41	59	-	8	2	24	19	33	12	20	4	4½	1½	0	79½	148½	98½
<u>December 12</u>																	
Pays-Bas	10	30	-	15	6	14	9	16	7	10	6	6½	4½	0	42½	91½	56½
Antilles et Surinam	27	34	-	0	1	1	6	6	1	1	-	0	-	0	35	42	42
Nouvelle-Guinée	-	5	-	4	-	6	-	0	-	0	-	0	-	0	-	15	-
Total	37	69	-	19	7	21	15	22	8	11	6	6½	4½	0	77½	148½	98½

COMMITTEE 4

REPORT
OF SUBGROUP 1
OF WORKING GROUP 4 A

1. In accordance with its terms of reference, the Subgroup has

- (A) Conducted interviews with the representatives of countries represented at the HFB Conference;
- (B) Examined the most recent information of countries not represented at the HFB Conference,

with a view to ascertaining :

- a) The degree of satisfaction afforded in each band of the six draft plans prepared by the TPC in Paris;
- b) The additional assignments required in each of the six draft plans prepared by the TPC in Paris ;
- c) The extent to which these additional requirements correlate to the Basic Plan of Mexico City;
- d) The extent to which these additional requirements do not correlate to the Basic Plan of Mexico City;
- e) The extent to which these additional requirements exceed the Basic Plan assignments ;
- f) The details of power, azimuth, antenna gain, minimum and maximum distance of the target area of reception for all requirements;
- g) The assignments for which the protection ratio in the six draft Paris plans is considered inadequate;
- h) The changes required to facilitate operation on the same channel in a particular band (as proposed by the TPC in its final report).

2. The oral comments obtained in the interviews were lengthy, involved and difficult to classify and if reproduced would be voluminous. The group, therefore, decided that in order to make its work constructive and useful, it would be advantageous to show all the changes requested by the country on the Forms C which had been prepared and used for this purpose by the TPC during its Florence session.

These forms C show in Black lines the assignments for each country, for each band, and for each phase of the Paris draft plan.

The assignments which (a) have been agreed to by the representative of the country concerned or (b) correlate with the most recent requirement of a country not represented, have been underlined in Red.

Additional assignments required have been shown in Red where the particular assignment corresponds to an existing assignment in the Basic Plan.

Requirements which do not correlate to the assignments in the Basic Plan are shown in Blue.

It must be remembered that a Blue line does not necessarily indicate that this requirement exceeds the overall total for the particular country in the Basic Plan. In some cases, countries have requested assignments which do not correlate to the Basic Plan in order to maintain continuity of programmes assigned in the Paris Plans.

These proposed changes do not, however, exceed the total hours assigned for that country in the Basic Plan.

They do, however, affect the band loading and should be considered in relation to their effect on the peak load periods.

3. The list of the countries or administrations for which Forms C have been prepared on the above basis, is given in Appendix A.
4. With regard to subparagraph lg) above, forms had been compiled listing the assignments which have been specifically disagreed to by the representative of the country concerned. These forms have not been completed for many countries due to the fact that the representatives thought that this work was premature and would be offset to a large extent when the proposed band to band changes and rearrangement of assignments have been completed.
5. With reference to subparagraph lh) above, almost all the representatives of the countries interviewed stressed that every effort should be made to facilitate operation on the same channel in a particular band and agree in principle to the changes proposed by the TPC. However, most of the representatives of the countries interviewed were of the opinion that many of the changes proposed by the TPC would be offset by the revisions and changes proposed by the countries themselves and that, therefore, the changes proposed by the TPC should be taken into account when the actual revision of the draft plans is undertaken.
6. On the basis of the completed Forms C, band loading charts have been prepared. These band loading charts show
 - a) In red, the additional channels required for each hour in each band and in each phase of the plan where the additional requirement correlates to an assignment in the Basic Plan;

- b) In blue, the additional channels required each hour in each band and in each phase of the plan where the additional requirement does not correlate in time to an assignment in the Basic Plan;
- c) In black, the assignments in each phase, band, and hour of the Paris Plans which are transferred to another band or no longer required.

7. In order that the sharing possibilities can readily be calculated, these charts have been prepared on a zonal basis and relevant details of power etc. have therefore been entered when these were made available by the country concerned.

8. The group regrets that because of the time required and the expense involved, it has not been possible to publish the charts. However, both the charts and the Forms C from which they are derived are available for inspection in Salle 2 on application to the Secretariat

9. On the basis of the band loading charts, the group has prepared a summary of the band loading in a form more convenient for speedy reproduction and appreciation of the situation. This band loading summary is given in Appendix B.

Its main purpose is to show the ratio of the requirements to the capacity of bands in accordance with the directions given to the group (see para. 2 of Doc. 137). Complying with the directives contained in this document, the group has also subdivided the summary in order to show

- a) the relationship to the Paris Plans
- b) the relationship to the Basic Plan.

10. The following information is given for each plan, for each band and for each hour of the day. (The letters refer to the index letters on the left hand side of each page of Appendix B).

The requirements additional to those assigned in the Paris Plans.

- A. Correlating to the Basic Plan.
- B Not correlating to the Basic Plan.
- C Reductions due to voluntarily relinquished channels or transfers to another band.
- D The resultant total (positive or negative) of A+B-C for each zone.
- D's The resultant total of the lines D for the three zones (i.e., the global total)
- E The effective load additional to the capacity of the bands (as shown by the Paris Plans) i.e., after sharing possibilities have been taken into account.

- F The number of assignments made for the particular band in the Paris Plans.
- G The effective load in the Paris Plans, i.e., after sharing possibilities have been taken into account.
- H Gives the sum of lines D's for all bands for each phase.
- I Gives the total of assignments made in the Paris Plans for each phase for all bands.

The sum of lines D's and F gives the total requirement per band per hour. The sum of lines E and G gives the total effective load per hour (i.e., after sharing possibilities have been taken into account). The sum of lines H and I gives the total requirement per hour for all bands for each phase.

11. In accordance with the amended and additional terms of reference given to the group by Committee 4 on May 13th, the group has classified the requirements of the various countries as follows:

- (1) Countries which accept the Paris Plans without modification.
- (2) Countries which accept the Paris Plans with minor modifications but do not request additional assignments.
- (3) Countries which request additional assignments to those in the Paris Plans in order to restore assignments existing in the Basic Plan:
 - (a) minor additions
 - (b) restoration of all or almost all the Basic Plan assignments.
- (4) Countries which request additional assignments to those in the Paris Plan and also modifications to the Basic Plan without exceeding the total assigned in the Basic Plan.
- (5) Countries which request assignments in excess of those made in the Basic Plan:
 - (a) when the additional assignments do not exceed the Basic Plan total by more than 15%
 - (b) when the additional assignments exceed the Basic Plan total by more than 15%.
- (6) Countries for which no assignments are made in the Basic Plan but have submitted requirements to this Conference.

The completed list is given in Appendix C.

12. The number of channel hours per band and per phase assigned for each country in the Paris Plans is shown in Appendix D. This appendix also gives for comparison the number of channel hours shown in the requirements for each country.

The group would stress the fact that no attempt has been made to obtain voluntary reductions in the number of channel hours requested

13. The group would point out that the time allowed was insufficient for a thorough check and balance to be made and certain discrepancies may therefore have occurred. A preliminary check and balance, however, revealed that the errors do not exceed $\pm 1\%$ and, therefore, are not important enough to affect the general picture of the band loading.

14. In conclusion, the group wishes to thank all delegations for the patience and courtesy shown during the interviews and for the cooperation given in the difficult task of compiling the forms C. The group also thanks the secretariat for the very useful assistance given in the compilation of the band loading charts.

F. AXON

Chairman

Sub-Group 1

(Working Group 4 A)

APPENDIX A

The Forms C and Band Loading charts for the countries listed in Section One have been prepared on the basis of the comments submitted on the Plans prepared by the T.P.C.; the requirements of countries as set out in the report of the Requirements Committee; revisions to those comments and requirements proposed by the representative of the country concerned during the interviews.

Section I

(a) Signatories to the Mexico City Plan.

Argentina	Iceland
Australia	Italy (including Italian Somaliland)
Austria	Luxembourg
Belgium	Morocco & Tunisia
Canada	Mexico
China	Monaco
Colombia	Nicaragua
Cuba	Norway
Vatican City	New Zealand
Portuguese Colonies	Pakistan
United Kingdom Colonies	Paraguay
France (Overseas Territories, etc)	Netherlands
Belgian Congo	Portugal
Denmark	Southern Rhodesia
Dominican Republic	United Kingdom
Egypt	Sweden
Finland	Switzerland
France	Syria
Honduras	Turkey
India	South Africa
Indonesia	Uruguay
Iran	Venezuela
Ireland	

(b) Non signatories to the Mexico City Plan.

Germany - French Zone	Japan
Germany - U.S. Zone	Lebanon
Germany - U.K. Zone	United Nations
Burma	Palestine (Egyptian Zone)
Ceylon	Palestine (Syrian Zone)
United States of America	Palestine (Transjordan Zone)
Ethiopia	Tangier (U.S.A.)
Greece	Territories of the United States
Guatemala	Poland
Haiti	Czechoslovakia
Jordan	Yugoslavia
Israel	Yemen

The Forms C and band loading charts for the countries listed in Section Two have been prepared on the basis of the most recent requirement submitted by the country concerned either to the T.P.C., in Paris or the CIRAF in Mexico City.

Section 2

(a) Signatories to the Mexico City Plan.

Bolivia
Brazil
Ecuador
Panama
Peru
Thailand

(b) Non signatories to the Mexico City Plan.

Afghanistan	Bulgaria	Hungary	Roumania
Albania	Chile	Irak	Ukraine
Andorra	Costa Rica	Liberia	U.S.S.R.
Saudi Arabia	El Salvador	Mongolia	
Bielorussia (S.S.R.)	Spain	Philippines	

Appendix B

LIST OF SYMBOLS USED IN APPENDIX B

- A = Requirements additional to the Paris Plans (correlating to the Basic Plan)
 - B = Requirements additional to the Paris Plans (not correlating to the Basic Plan)
 - C = Reductions due to voluntarily relinquished channels or transfers to another band
 - D = The resultant total of $A + B - C$ for each zone
 - D^{IS} = The total of lines D (i.e. the global total of requirements additional to the assignments in the Paris Plans)
 - E = The effective load additional to the capacity of the bands (i.e. after sharing possibilities have been taken into account)
 - F = The number of assignments for the particular band in the Paris Plans
 - G = The effective load in the Paris Plans
 - H = The sum of lines D^{IS} for all bands (i.e. the total requirements additional to those assigned in the Paris Plans)
 - I = The total assignments made in the Paris Plans for all bands.
-

Band	Zone	Index	Document No.190										APP. B (p.1)										JUNE 40 (p.1)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
6 Mc/s	I	A	0	0	0	0	2	6½	8	13½	12	15	15	17	12	13	14	4	3	3	1	2½	4½	6	5¾	1						
		B	3	2	2	3	7	13½	14	13	8	5	6	4½	5½	5	4	14½	17	16	19½	22	17	9½	5	8						
		C	2	0	1	1	1½	3½	5	7	6½	4	6	6	5	6	4	6	5	5	2	2	1	3	6	3½						
		D	1	2	1	2	7½	16½	17	19½	13½	16	15	15½	12½	12	14	12½	15	14	18½	22½	20½	12½	4¾	5½						
	E	A	1½	7½	11½	12	5½	3½	1	1	3	3½	2	1	½	3½	6	8	5½	2½	1	1	2½	1	3½	5½						
		B	9	13½	7	5	4	2	4	3½	3½	4½	8	9	7½	7½	11	7	1½	2½	2	1	1	0	2½	3						
		C	2	0	1	0	1	1	1	3½	6	7½	4½	2	3	2	0	3½	3	2	½	1	1	1	3½	3						
		D	8½	21	17½	17	8½	4½	4	1	½	½	5½	8	5	9	17	11½	4	3	2½	1	2½	0	2½	5½						
	W	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
		B	19	19	18	17	10	0	0	0	0	0	1	2	8	11	9	9	9½	10	12	11½	-8	7	10	15						
		C	0	0	½	2	2	2	0	0	0	0	1	2	2	2	2	2	1	1	1	0	1	1	1	½						
		D	19	19	17½	15	8	-2	0	0	0	0	1	1	6	9	7	7	8½	9	11	11½	7	6	9	14½						
		D's	28½	42	36	34	24	19	21	20½	14	16½	21½	24½	23½	30	38	31	27½	26	32	35	30	18½	16½	25½						
		E	9	16	16	15	10	8	10	9	6	7	7	6	4	6	8	8	5	5	7	8	7	4	4	7						
		F	75½	65	56	56½	59	56½	52½	56	54	56	69½	96½	128½	128	124½	133	132	121	115	112	108	106	103½	87						
		G	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25						
7 Mc/s	I	A	1	2	2	1	2	6	8	8	8	7	10½	6	7	8	9½	10	5	4½	7	6	3	7	2	1						
		B	2	2	3	4	6	10	7	5	4	6	6½	6½	5	5	6	11½	11	12	19½	23	21½	15½	10	8						
		C	1	1	2	3	6	10	6	15	15½	16	17	19	17	14½	12	4½	4	4	3	1	2½	4	3	3						
		D	2	3	3	2	2	6	9	-2	-3½	-3	0	-6½	-5	-1½	3½	17	12	12½	23½	28	22	18½	9	6						
	E	A	0	0	2	2½	1½	2	4	6	4	0	0	½	1	2	2½	2½	2	1½	0	0	0	0	0	0						
		B	3	1	4	2	1	2	1	1	3	5½	3	1	3	4	2	5	3	2½	0	1	0	0	4	4						
		C	1½	7	8	11	6	6½	6	3	3	1½	1	1	1½	2	4	7	7	4½	1	0	2	1	2	3						
		D	1½	-6	-2	-6½	-3½	-2½	-1	4	4	4	2	½	2½	4	½	½	-2	-½	-1	1	-2	-1	2	1						
	W	A																														
		B																														
		C																														
		D																														
		D's	3½	-3	1	-4½	-1½	3½	8	2	½	1	2	-6	-2½	2½	4	17½	10	12	22½	29	20	17½	11	7						
		E	2	-2	0	-2	-1	1	3	1	0	0	1	-1	0	1	1	7	4	5	11	15	11	10	7	4						
		F	35½	29½	35	44½	48½	48	56	58	59½	57	62½	74	67½	60	59	50½	52	47	41½	39	36	34	32½	35						
		G	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20						

Band	Zone	Index	Document No. 190										APP. B (p. 2)										JUNE 40 (p.2)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
9 Mc/s	I	A	8	9	9½	5½	3	7	9	7	5½	5	2	2½	2½	3	4½	3	2½	4	1½	3	3	6	5	5½						
		B	7	7	8	10½	12½	10	9	7	5	7	12	13	12	9	12½	17	17	21	22½	25	24	12½	11	7						
		C	2	½	4	2½	5½	6	7	7½	9	11	10½	13	9	8½	6	4	3½	½	0	5	4	4	2	2						
		D	13	15½	13½	13½	10	11	11	6½	1½	1	3½	2½	5½	3½	11	16	16	24½	24	23	23	14½	14	10½						
	E	A	3	3½	2½	2	2	½	2½	2	2½	1	6½	7	5	2	2	2½	2	2½	3	2	4½	2	2½	3						
		B	2	3	5	3	2	4	4	6½	7	6	4	4	5	5	4	3	0	0	0	2	3	1	1	0						
		C	4	5	7	8½	6	5	2½	1	3½	1½	3	2½	3½	5	8½	10	7½	3	1	1	½	2	4	3						
		D	1	1½	½	-3½	-2	-½	4	7½	6	5½	7½	8½	6½	2	-2½	-4½	-5½	-½	2	3	7	1	-½	0						
	W	A	0	2	4	4	4	2	2	1	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0						
		B	14	13½	13	13	11	2	1	2	4	0	0	1	13	16	14	11	11	11	12	13	11	13	13	12½						
		C	3	3	3	3	2	1	1	1	1	2½	3	2	2	3	2	3	2	2	3	3	1	1	2	½						
		D	11	12½	14	14	13	3	2	2	3	-1½	-1	0	12	14	12	8	9	9	9	10	10	12	11	12						
	D's	A	25	29½	28	24	21	13½	17	16	10½	5	10	11	24	19½	20½	19½	21½	33	35	36	40	27½	24½	22½						
		E	12	17	15	12	10	6	8	8	5	2	4	4	7	6	6	6	6	10	11	12	14	10	11	11						
		F	50½	48	49½	55	55½	56	57½	56½	60	57½	66½	81½	92	95	97	95½	88	84	81	78	79½	72	59	56						
		G	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27						
	11 Mc/s	I	A	10	8½	6	7½	10½	10	12	13	13	14	10	9½	7	8½	4½	5	6	4	4½	5	11½	11	10½	12½					
			B	13	12	10	12	11½	11½	5½	5	7	8	9	9	12½	12	15½	13½	13½	19½	18	22	19½	18	15	13					
			C	1	0	2½	2½	1	3½	5	6	6	4	7	11½	8	5	8	5	3	5	2	5	8½	6	3	1					
			D	22	20½	13½	17	21	18	12½	12	14	18	12	7	11½	15½	12	13½	16½	18½	20½	22	22½	23	22½	24½					
E		A	1	3½	4	1½	2½	3	3	4	1	½	1½	1½	2½	4	4	4	3	2½	3	1	4	2½	2	1						
		B	0	1	3½	2½	4	3	3	2	1	1	2	2	3½	2	3	3	2	3½	7	7	2	1	3	3						
		C	2	2	3	4	3½	2½	5	4	4	1	3	3	1	1	2	1½	1	2½	2	2	1½	2½	0	5						
		D	-1	2½	4½	0	3	3½	1	2	-2	½	½	½	5	5	5	5½	4	3½	8	6	4½	1	5	-1						
W		A	5	8	5	7	1	½	0	0	0	1	2	2	1	4	3	2½	2	2	2	3	1	2	2	2						
		B	8	7	7	8	10	2	2	1	3	1	2	4	11	10	9	8	7	7	7	7	9	9	7	7						
		C	2	1	0	0	0	1	3	2	1	0	0	0	0	2	3	4	4	2	4	3	0	½	2	1½						
		D	11	14	12	15	11	1½	-1	-1	2	2	4	6	12	12	9	6½	5	7	5	7	10	10½	7	7½						
D's		A	32	37	30	32	35	23	12½	13	14	20½	16½	13½	28½	32½	26	25½	25½	29	33½	35	37	34½	34½	31						
		B	20	25	18	19	21	13	7	8	8	12	8	6	12	13	10	11	12	14	16	19	22	23	25	21						
		C	41	41	45½	47½	48½	49	48½	45	49½	48	56½	61½	65½	67½	69	63	61	59	59½	52	47½	40½	38½	41½						
		D	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28						

Band	Zone	Index	Document No.190										APP. B (p.3)										JUNE 40 (p.3)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
15 Mc/s	I	A	1	3	2	0	0	1	3	6½	5	4	3	4	6½	6½	2	4	7½	10	8	7	3	5	4½	4						
		B	10	10	10	2	2	3	4	4	6½	12	11	13	12½	9½	7	9½	16	12	12½	9	8½	5	7	7						
		C	1	1	3	2	6½	10	11	8	8	3½	8	7	4½	5	6	3	3½	2	2	4	4	8	7½	3						
		D	10	12	9	0	-4½	-6	-4	2½	3½	12½	6	10	14½	11	3	10½	20	20	18½	12	7½	2	4	8						
	E	A	1	1	2½	½	1½	3	5	5	3½	2	3½	3	2	1½	4	4	3	3	2	1½	1	2	2	0						
		B	3	3	0	1	2	1½	2	3½	3½	2	2	9	3	3	6	2	1	1	2	4½	2½	2	1	2						
		C	7	5	5	3	3	3	2	1	1	3½	4	8	3	3	5	4	2	1	0	1	2	2	½	1½						
		D	-3	-1	-2½	-1½	½	1½	5	7½	6	½	1½	4	2	1½	5	2	2	3	4	5	1½	2	2½	½						
	W	A	2	3	3	1	½	0	0	0	0	1	0	0	2	1	1	1	5	4	5	6	2½	2	3½	3½						
		B	8	8	6	5	4½	3	3	3	4	1	0	0	9	9	8	9	7½	6	6	9	9	9½	8	7½						
		C	3	4	4	1½	0	0	0	0	0	0	0	0	1	2	2	3	3	0	0	0	0	1½	2	4½						
		D	7	7	5	4½	5	3	3	3	4	2	0	0	10	8	7	7	9½	10	11	15	11½	10	9½	6½						
	D's	E	14	18	11½	3	1	-1½	4	13	13½	15	7½	14	26½	20½	15	19½	31½	33	33½	32	20½	14	16	15						
		F	14	18	11½	2½	1	0	4	18	13½	15	7½	14	26½	20½	15	19½	31½	33	33½	32	20½	14	16	15						
		G	37	37	36	34½	36	36	36	36	37	37	37	41	43	44	43	40	39	36	36	37	37	38	37½	37						
		G	35	35	35	34½	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35						
17 Mc/s	I	A	1	1	1	3	3½	3	3	2½	3	2	6	5	8½	8½	7	10	5½	1½	1½	0	1	2	½	0						
		B	2	1	0	1	0	1	1½	3	3½	5	5	9	7	6	7	7½	9	8½	5	2	0	0	1	2						
		C	0	0	0	½	1	3	2	3	2	6	3	6	1½	1	1	2	6	6	5½	3	3	1	½	½						
		D	3	2	1	3½	2½	1	2½	2	4½	1	8	8	14	13½	13	15½	8½	4	1	-1	-2	1	1	1½						
	E	A	1	1	0	2	3½	1	1	1	1½	2	2½	2	2½	5	7	4½	2	2½	½	0	0	1	½	1						
		B	1	0	0	½	0	1	2	2	3	3½	3	2	1½	1	2	1	0	½	½	0	0	1	2½	2½						
		C	0	2½	4	4	6	6½	8	9	8½	7½	4	2	1	1	2	2	2	1	1	0	0	2	1½	1½						
		D	2	-1½	-4	-1½	-2½	-4½	-5	-6	-4	-2	1½	2	3	5	7	3½	0	2	0	0	0	0	-1½	2						
	W	A	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	0	1	1½	3½	3						
		B	3	5	5	5½	6	1	1	1	1	1	1	2	5	6	6	5	7	8	8	6	6½	4	4	2						
		C	3	2½	1	1	1	½	0	0	0	0	0	0	0	0	0	0	½	½	0	0	3½	3	3	1½						
		D	1	2½	5	4½	5	½	1	1	1	1	1	2	5	7	6	6	8½	8½	9	6	4	2½	4½	3½						
	D's	E	6	3	2	6½	5	-3	-1½	-2½	1½	0	10½	12	22	25½	26	25	17	14½	10	5	2	3½	7	7						
		F	6	3	1	6	4	-3½	-3	-3½	½	-½	9½	11	22	25½	26	25	17	14½	9	4	1	3½	6	7						
		G	20	20	19	19½	19	19½	18½	19	19	19½	19	19	20	20	20	21	21	20	19	19	19	20	19	20						
		G	20	20	19	19½	19	19½	18½	19	19	19½	19	19	20	20	20	20	20	20	19	19	19	20	19	20						

Band	Zone	Index	Document No.190										APP. B (p.4)					JUNE 40 (p.4.)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
21 Mc/s	I	A	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
		B	0	0	0	0	0	0	0	0	0	0	1	4	2	2	2	3	2	2	1½	1	0	0	0	0	
		C	1	0	0	0	1½	3	4	7	5	4½	2	2	3	3	5	6	3	1	2	2	2	2	2	1	
		D	-1	0	0	0	-1½	-3	-4	-7	-5	-3½	0	3	-1	-1	-3	-3	-1	1	-½	-1	-2	-2	-2	-1	
	E	A	1	1	1	3	2½	1	1	0	0	0	2½	3	2½	1½	0	0	0	0	0	0	0	0	0	1	
		B	2	2	2	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	
		C	2	3	4	5	7	7	8	8	7	6½	4½	6	4	4½	5	2	2	3	3	3	4	3	3	4	
		D	1	0	-1	-1	-3½	-5	-6	-7	-6	-6½	-2	-3	-1½	-3	-4	-2	-2	-3	-3	-3	-4	-3	-2	-3	
	W	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	
		B	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	5	5	6	6	4	4	5	6	6	
		C	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	3	5	4	2	3	
		D	3	3	3	5	5	0	0	0	0	0	0	0	5	5	5	5	4	2	2	2	0	2	5	4	
		D's	3	3	2	4	0	-8	-10	-14	-11½	-10	-2	0	2½	1	-2	0	1	0	-1½	-2	-6	-3	1	0	
		E																									
		F	16	15	13	12	15	18	18½	23	23	24	23	25	22½	17½	17	15	14½	14	16	17	17	15	15	17	
		G	16	15	13	12	15	18	18½	23	23	24	23	25	22½	17½	17	15	14½	14	16	17	17	15	15	17	
	H	112	129½	110½	98½	84½	46½	51	48	42½	48	66	69	124½	131½	127½	138	134	147½	163	170	143½	111½	110½	108		
	I	275½	255½	254	269½	281½	283	287½	293½	302	299	334	398½	439	432	429½	418	407½	381	368	354	344	325½	305	293½		

Band	Zone	Index	Document No.190										APP. B (p.5)										EQUINOX 40 (p.1)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
6 Mc/s	I	A	7	9 $\frac{1}{2}$	11	6 $\frac{1}{2}$	7	10	11 $\frac{1}{2}$	14	12	15	17	18	15	15	13	5 $\frac{1}{2}$	7	6	10 $\frac{1}{2}$	9 $\frac{1}{2}$	12	8 $\frac{1}{2}$	8	3						
		B	4	5	5	4	7	14	14 $\frac{1}{2}$	12 $\frac{1}{2}$	9	5 $\frac{1}{2}$	6 $\frac{1}{2}$	7 $\frac{1}{2}$	6 $\frac{1}{2}$	5	5	9	11	10 $\frac{1}{2}$	13 $\frac{1}{2}$	16	18 $\frac{1}{2}$	14	10	8						
		C	4	1	1	4 $\frac{1}{2}$	7	5	4	6 $\frac{1}{2}$	7 $\frac{1}{2}$	3 $\frac{1}{2}$	6	6	5	6	4	6	3 $\frac{1}{2}$	3	2 $\frac{1}{2}$	3	2	2 $\frac{1}{2}$	7	2						
		D	7	13 $\frac{1}{2}$	15	6	7	19	22	20	13 $\frac{1}{2}$	17	17 $\frac{1}{2}$	19 $\frac{1}{2}$	16 $\frac{1}{2}$	14	14	8 $\frac{1}{2}$	14 $\frac{1}{2}$	13 $\frac{1}{2}$	21 $\frac{1}{2}$	22 $\frac{1}{2}$	28 $\frac{1}{2}$	20	11	9						
	E	A	21	11 $\frac{1}{2}$	12 $\frac{1}{2}$	13	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1	0	2	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	8	15	12	7	3 $\frac{1}{2}$	1	1		1	3 $\frac{1}{2}$	3						
		B	5	9 $\frac{1}{2}$	3	1	3	2	3	3	3 $\frac{1}{2}$	4 $\frac{1}{2}$	5	7	6	6 $\frac{1}{2}$	7	8	5 $\frac{1}{2}$	3 $\frac{1}{2}$	1	0	0	0	2 $\frac{1}{2}$	3						
		C	0	0	2	1	2	2	1	3 $\frac{1}{2}$	7	10 $\frac{1}{2}$	6 $\frac{1}{2}$	5	5	5	3	6	5 $\frac{1}{2}$	3 $\frac{1}{2}$	1	2	2	4	4 $\frac{1}{2}$	2						
		D	7 $\frac{1}{2}$	21	13 $\frac{1}{2}$	13	4 $\frac{1}{2}$	2 $\frac{1}{2}$	3	-1 $\frac{1}{2}$	-1 $\frac{1}{2}$	-4	0	4 $\frac{1}{2}$	3 $\frac{1}{2}$	9 $\frac{1}{2}$	19	14	7	3 $\frac{1}{2}$		-1	-1 $\frac{1}{2}$	-3	1 $\frac{1}{2}$	4						
	W	A	2	2	4 $\frac{1}{2}$	6 $\frac{1}{2}$	5	1	2	2	2	1	1	0	1	0	0	0	1	1	1	1	1	1	1	3	1					
		B	18	18	17	17	12	1	0	1	1	0	2	6	8	11	9	9	9 $\frac{1}{2}$	13	15	12 $\frac{1}{2}$	8	7	10	14						
		C	2	0	1	2	4 $\frac{1}{2}$	2	2	0	0	0	0	2	2	2	4	2	1	1	1	0	1	1	1	0						
		D	18	20	20 $\frac{1}{2}$	21 $\frac{1}{2}$	12 $\frac{1}{2}$	0	0	3	3	1	3	4	7	9	5	7	9 $\frac{1}{2}$	13	15	13 $\frac{1}{2}$	8	7	12	15 $\frac{1}{2}$						
	D's	A	32 $\frac{1}{2}$	54 $\frac{1}{2}$	49	40 $\frac{1}{2}$	24	21 $\frac{1}{2}$	25	22 $\frac{1}{2}$	15	14	20 $\frac{1}{2}$	28	27	32 $\frac{1}{2}$	38	29 $\frac{1}{2}$	31	30	37	35	35	24	24 $\frac{1}{2}$	29 $\frac{1}{2}$						
		B	11	22	21	17	9	9	13	11	7	6	7	5	5	6	7	6	6	6	8	8	8	6	6	9						
		C	71 $\frac{1}{2}$	61	58	60	65	57 $\frac{1}{2}$	48 $\frac{1}{2}$	51	52 $\frac{1}{2}$	56	69 $\frac{1}{2}$	92 $\frac{1}{2}$	125 $\frac{1}{2}$	127	123 $\frac{1}{2}$	131	128 $\frac{1}{2}$	118	111 $\frac{1}{2}$	111 $\frac{1}{2}$	110	106 $\frac{1}{2}$	99 $\frac{1}{2}$	87 $\frac{1}{2}$						
		D	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25						
7 Mc/s	I	A	6	6	6	3 $\frac{1}{2}$	4 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	5	3	2	2	2	5	6	4 $\frac{1}{2}$	4	9 $\frac{1}{2}$	7	8	12 $\frac{1}{2}$	13	10 $\frac{1}{2}$	10						
		B	5	5	4	4	7	14	11	8	8	7	7 $\frac{1}{2}$	7 $\frac{1}{2}$	9	9	8 $\frac{1}{2}$	15	14	14	24	29	24	13	11	5 $\frac{1}{2}$						
		C	3	3	3	3	4	10	6 $\frac{1}{2}$	12 $\frac{1}{2}$	11 $\frac{1}{2}$	12	14 $\frac{1}{2}$	21	21	17 $\frac{1}{2}$	8	1	3	3	5 $\frac{1}{2}$	3	5	1	5	3						
		D	8	8	7	4 $\frac{1}{2}$	7 $\frac{1}{2}$	7	8	-1 $\frac{1}{2}$	1 $\frac{1}{2}$	-2	-5	-11 $\frac{1}{2}$	-10	-3 $\frac{1}{2}$	6 $\frac{1}{2}$	18 $\frac{1}{2}$	15	20 $\frac{1}{2}$	25 $\frac{1}{2}$	34	31 $\frac{1}{2}$	25	16 $\frac{1}{2}$	12 $\frac{1}{2}$						
	E	A	2	1	4	4	4 $\frac{1}{2}$	4	4	6	7 $\frac{1}{2}$	4	4	4	2	1 $\frac{1}{2}$	1	1	0	0	0	0	2 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	3						
		B	3	2	5	3	2	4	3	2	2	4 $\frac{1}{2}$	6	4	8	6 $\frac{1}{2}$	3	4 $\frac{1}{2}$	0	1 $\frac{1}{2}$	0	2	3 $\frac{1}{2}$	1	4 $\frac{1}{2}$	4						
		C	9 $\frac{1}{2}$	14	12	15	7	7	6 $\frac{1}{2}$	6	8	6 $\frac{1}{2}$	5	4 $\frac{1}{2}$	4 $\frac{1}{2}$	5	5	5	5	3 $\frac{1}{2}$	2	1	2	1	7	11						
		D	-4 $\frac{1}{2}$	-11	-3	-8	-1 $\frac{1}{2}$	1	1 $\frac{1}{2}$	2	1 $\frac{1}{2}$	2	5	3 $\frac{1}{2}$	5 $\frac{1}{2}$	3	-1	1 $\frac{1}{2}$	-5	-3	-2	1	4	4 $\frac{1}{2}$	2	-4						
	W	A																														
		B																														
		C																														
		D																														
	D's	A	3 $\frac{1}{2}$	-3	4	-3 $\frac{1}{2}$	7	8	8 $\frac{1}{2}$	1 $\frac{1}{2}$	3	0	0	-8	-4 $\frac{1}{2}$	-1 $\frac{1}{2}$	5 $\frac{1}{2}$	19	10	17 $\frac{1}{2}$	23 $\frac{1}{2}$	35	35 $\frac{1}{2}$	29 $\frac{1}{2}$	18 $\frac{1}{2}$	8						
		B	2	-2	2	-2	3	4	3	1	1	0	0	-2	-1	0	2	8	8	8	11	17	19	18	10	-4						
		C	40 $\frac{1}{2}$	31 $\frac{1}{2}$	35	44	39	44	53	56	58 $\frac{1}{2}$	56 $\frac{1}{2}$	60 $\frac{1}{2}$	73	67 $\frac{1}{2}$	59	55 $\frac{1}{2}$	49	46	42 $\frac{1}{2}$	42 $\frac{1}{2}$	41	37	33	37	43						
		D	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20						

Band	Zone	Index	Document No.190										APP. B (p.6)										EQUINOX 40 (p.2)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
9 lc/s	I	A	18	19	15	2 $\frac{1}{2}$	7	9	8	6	8	5	4	6 $\frac{1}{2}$	8	6	9	9 $\frac{1}{2}$	9	15	14	18 $\frac{1}{2}$	21	18	13	11						
		B	15	15	16 $\frac{1}{2}$	21 $\frac{1}{2}$	10 $\frac{1}{2}$	9	8 $\frac{1}{2}$	7	4	5	9	11	10	10	11 $\frac{1}{2}$	14	19	27 $\frac{1}{2}$	29	24 $\frac{1}{2}$	23	13 $\frac{1}{2}$	12	11 $\frac{1}{2}$						
		C	2	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	7	8 $\frac{1}{2}$	9	11	14	14	10	12 $\frac{1}{2}$	10 $\frac{1}{2}$	10 $\frac{1}{2}$	7 $\frac{1}{2}$	7 $\frac{1}{2}$	11	12 $\frac{1}{2}$	7	7	9	8	5	4						
		D	31	32	29	21 $\frac{1}{2}$	10 $\frac{1}{2}$	9 $\frac{1}{2}$	7 $\frac{1}{2}$	2	-2	-4	3	5	7 $\frac{1}{2}$	5 $\frac{1}{2}$	13	16	17	30	36	36	35	23 $\frac{1}{2}$	20	18 $\frac{1}{2}$						
	E	A	6	4	1 $\frac{1}{2}$	$\frac{1}{2}$	1	1 $\frac{1}{2}$	3	4	4	5 $\frac{1}{2}$	4 $\frac{1}{2}$	4	4 $\frac{1}{2}$	7	9 $\frac{1}{2}$	7	5 $\frac{1}{2}$	5	6 $\frac{1}{2}$	7	7	8	10	10						
		B	1	1	3	1	0	0	0	4 $\frac{1}{2}$	7	6	3	3	5	6 $\frac{1}{2}$	7	4 $\frac{1}{2}$	2	1 $\frac{1}{2}$	2	6	3 $\frac{1}{2}$	3	2	1						
		C	3	5 $\frac{1}{2}$	7	7 $\frac{1}{2}$	10	6	5 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	1	1 $\frac{1}{2}$	2	1	1	4	2	2 $\frac{1}{2}$	2	3	2	1 $\frac{1}{2}$	5	4	4						
		D	4	- $\frac{1}{2}$	-2 $\frac{1}{2}$	-6	-9	-4 $\frac{1}{2}$	-2 $\frac{1}{2}$	6	7 $\frac{1}{2}$	10 $\frac{1}{2}$	6	5	8 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	9 $\frac{1}{2}$	5	4 $\frac{1}{2}$	5 $\frac{1}{2}$	11	9	6	8	7						
	W	A	6	5	5	8 $\frac{1}{2}$	5 $\frac{1}{2}$	5	2	2	2	1	2	3	3	4	5	5	4	4	5	5	6	6	7	5						
		B	13	13	14	14	15	4	3	3	4	1	1	2	16	16	14	11	11	11	12	13	11	13	13	13						
		C	0	0	0	2	1 $\frac{1}{2}$	1	2	2 $\frac{1}{2}$	4	2	2	1	1 $\frac{1}{2}$	0	2	2	1	0	1	0	0	0	1	0						
		D	19	18	19	20 $\frac{1}{2}$	19	8	3	2 $\frac{1}{2}$	2	0	1	4	17 $\frac{1}{2}$	20	17	14	14	15	16	18	17	19	19	18						
	D's	A	54	49 $\frac{1}{2}$	45 $\frac{1}{2}$	36	20 $\frac{1}{2}$	13	8	10 $\frac{1}{2}$	7 $\frac{1}{2}$	6 $\frac{1}{2}$	10	14	33 $\frac{1}{2}$	38	42 $\frac{1}{2}$	39 $\frac{1}{2}$	36	49 $\frac{1}{2}$	57 $\frac{1}{2}$	65	61	48 $\frac{1}{2}$	47	43 $\frac{1}{2}$						
		E	34	29	26	19	10	6	4	5	3	3	4	5	11	13	14	13	12	17	20	26	24	21	26	24						
		F	43 $\frac{1}{2}$	46 $\frac{1}{2}$	47 $\frac{1}{2}$	51	56 $\frac{1}{2}$	55	61 $\frac{1}{2}$	56 $\frac{1}{2}$	58 $\frac{1}{2}$	54 $\frac{1}{2}$	62 $\frac{1}{2}$	76	83	81 $\frac{1}{2}$	84 $\frac{1}{2}$	83	83	77 $\frac{1}{2}$	75	67	68 $\frac{1}{2}$	63	48	49						
		G	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27						
11 No/s	I	A	7	6	5 $\frac{1}{2}$	12 $\frac{1}{2}$	16 $\frac{1}{2}$	16	16	17	12	11	9	9 $\frac{1}{2}$	12 $\frac{1}{2}$	16 $\frac{1}{2}$	14	11	10	9	13 $\frac{1}{2}$	11	8 $\frac{1}{2}$	8	10	10						
		B	7	4	6 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$	4	7	6	3	4 $\frac{1}{2}$	3	6 $\frac{1}{2}$	6 $\frac{1}{2}$	4	14	18 $\frac{1}{2}$	16	10 $\frac{1}{2}$	13 $\frac{1}{2}$	6	5	3 $\frac{1}{2}$	5						
		C	2	3	4	3	7	12	12	13	11 $\frac{1}{2}$	11	11	12	9	12	10	12	10	7 $\frac{1}{2}$	8	9	4	6	6 $\frac{1}{2}$	4						
		D	12	7	8	14	13	8 $\frac{1}{2}$	8	11	6 $\frac{1}{2}$	3	2 $\frac{1}{2}$	$\frac{1}{2}$	10	11	8	13	18 $\frac{1}{2}$	17 $\frac{1}{2}$	16	15 $\frac{1}{2}$	10 $\frac{1}{2}$	7	7	11						
	E	A	1	2	3	2 $\frac{1}{2}$	4	3	3	3	1	$\frac{1}{2}$	2 $\frac{1}{2}$	5	6	5 $\frac{1}{2}$	11	5	4	3 $\frac{1}{2}$	2	3 $\frac{1}{2}$	4 $\frac{1}{2}$	1	1 $\frac{1}{2}$	3						
		B	0	0	2 $\frac{1}{2}$	1 $\frac{1}{2}$	1	2	2	2	0	0	1	1	1	3	3	2	2	2	4 $\frac{1}{2}$	6	3	2	1	0						
		C	8	7	9	10 $\frac{1}{2}$	9	6	4 $\frac{1}{2}$	5	3 $\frac{1}{2}$	3	2 $\frac{1}{2}$	2	3 $\frac{1}{2}$	4 $\frac{1}{2}$	6	4 $\frac{1}{2}$	4	5	3	3	4	4	5	8 $\frac{1}{2}$						
		D	-7	-5	-4 $\frac{1}{2}$	-6 $\frac{1}{2}$	-4	-1	$\frac{1}{2}$	0	-2 $\frac{1}{2}$	-2 $\frac{1}{2}$	1	4	3 $\frac{1}{2}$	4	8	2 $\frac{1}{2}$	2	$\frac{1}{2}$	3 $\frac{1}{2}$	6 $\frac{1}{2}$	3 $\frac{1}{2}$	-1	-2 $\frac{1}{2}$	-5 $\frac{1}{2}$						
	W	A	2	6	5	4	4 $\frac{1}{2}$	2	2	1	0	1	1	1	1	0	2	1	0	0	1	4	3 $\frac{1}{2}$	6	7	2						
		B	9	7	7	7 $\frac{1}{2}$	7 $\frac{1}{2}$	1	1	2	3	0	1	1	9	9	8	7	7	8	9	9	9	8	7	8						
		C	4	7	8	9 $\frac{1}{2}$	6	2 $\frac{1}{2}$	1	1	2	3	2	3	3	4	4	4	5	5	6	6	6	5	6	5						
		D	7	6	4	2	6	$\frac{1}{2}$	2	2	1	-2	0	-1	7	5	6	4	2	3	4	7	6 $\frac{1}{2}$	9	8	5						
	D's	A	12	8	7 $\frac{1}{2}$	9 $\frac{1}{2}$	15	8	10 $\frac{1}{2}$	13	5	-1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	20 $\frac{1}{2}$	20	22	19 $\frac{1}{2}$	22 $\frac{1}{2}$	21	23 $\frac{1}{2}$	29	20 $\frac{1}{2}$	15	12 $\frac{1}{2}$	10 $\frac{1}{2}$						
		E	8	5	4	5	10	5	7	8	3	0	2	2	8	8	8	8	10	10	13	16	13	10	9	7						
		F	41	44	48	49 $\frac{1}{2}$	44 $\frac{1}{2}$	43	40 $\frac{1}{2}$	46	48	49	59	67 $\frac{1}{2}$	70	74	65	64	61 $\frac{1}{2}$	62 $\frac{1}{2}$	60 $\frac{1}{2}$	51	43 $\frac{1}{2}$	40	38	38 $\frac{1}{2}$						
		G	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28						

Band	Zone	Index	Document No.190										APP. B (p.7)										EQUINOX 40 (p.3)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
15 Mc/s	I	A	1	0	2	5	5	6	5½	4	11	11	11	12	16	15	6	6½	8½	9	8	6½	1½	1	1	1						
		B	3	4	2	1	2	2	2	2	3½	8	9	10	10	10	9	7	5	4½	2	1	0	0	4	4						
		C	2	3	3	3	6	7	11	11	11	10	11	9	6½	6	8	10	7	12	7	5	2½	3	2	1						
		D	2	1	1	3	1	1	-3½	-5	3½	9	9	13	19½	19	7	3½	6½	1½	3	2½	-1	-2	3	4						
	E	A	6	6	4½	5	6	6	4½	2½	2½	5	4½	4	4	1	2	2	2	2	2	½	2	2½	4½	3						
		B	0	1	0	1	2	1½	2	3½	3	3	2	3	3	3	1	1	1	0	2	2½	1½	1	0	1						
		C	3	3½	4	4	3	2	2	2	3	4	3	5	5	3	4	3	4	2	3	1½	1	1	1	1						
		D	3	3½	½	2	5	5½	4½	4	2½	4	3½	2	2	1	-1	0	-1	0	1	1½	2½	2½	3½	3						
	W	A	2	3	2	½	2	1	0	0	0	0	0	1	2	1	2	2	2	2	3½	4	6	5	6	4						
		B	6	6	6	6	5	1	1	0	0	0	1	4	8	8	7	7	6½	7	7	7	8	7	6	6						
		C	7	8	4	2	2	½	0	0	0	0	0	1	0	3	3	2	2	1	1	1	4½	6	5½	5						
		D	1	1	4	4½	5	1½	1	0	0	0	1	4	10	6	6	7	6½	8	9½	10	9½	6	6½	5						
	D's	A	6	5½	5½	9½	11	8	2	-1	6	13	13½	19	31½	26	12	10½	12	9½	13½	14	11	6½	13	12						
		B	-1	½	-½	2	5	-½	½	-1	6	13	13½	19	31½	26	12	10½	12	9½	13½	14	10½	4½	12½	11						
		C	28	30	29	27½	29	26½	33½	35	36	35	36	37	38	40	40	39	38	36	35½	36	34½	33	29½	29						
		D	28	30	29	27½	29	26½	33½	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34½	33	29½	29					
17 Mc/s	I	A	0	0	1	4	5½	8	7	6	7	7	6	7	4	5½	5	7½	5½	3	3	1	0	0	0	0						
		B	0	0	0	0	2	2	4	5	7	11	8	12	8	7	11	7	9½	8½	5	2	1	0	0	1						
		C	0	0	2	4	4½	8	6	5	9	8	6	9	7	6½	5	4	5	4	5½	4	3	0	1½	1½						
		D	0	0	-1	0	3	2	5	6	5	10	8	10	5	6	11	10½	10	7½	2½	-1	-2	0	-1½	-1½						
	E	A	4	3	4	5	5½	7	6	4	5½	6	5	4	3½	2	1	2½	2	1½	0	0	0	1	0	0						
		B	2	2	1	0	1	0	1	0	0	1	1	2½	1	3	2	1	1½	1	1	1	1	2	3	5						
		C	3	3	4	4½	6	6½	5½	3	3	4	2	1	1½	1	3	2½	3	1	½	1	1	2	2	2						
		D	3	2	1	½	½	½	1½	1	2½	2	4	4	4½	2	1	2	0	2	½	0	0	1	1	1						
	W	A	1	0	2	2	1	0	0	0	0	0	0	0	0	1	2	2	2½	1½	0	2	1	3	1½							
		B	7	7	7	6	5	1	1	1	1	1	2	3	7	7	7	7	7½	5	5	4	3½	5	5	6						
		C	1	2	2	½	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1½	2	2	2½	2½	3						
		D	7	5	7	7½	6	1	1	1	1	1	2	3	7	8	9	9	10	5½	3½	4	2½	3	5½	4½						
	D's	A	10	7	7	8	9½	3½	7½	8	8½	15	14	17	16½	16	21	21½	20	15	6½	3	½	4	5	6						
		B	9	3	1	3	6	3½	7	8	8½	14½	14	17	16½	16	21	21½	20	15	6½	1	-4	-4½	-3½	6						
		C	19	16	14	15	16½	20	19½	20	20	19½	20	20	20	20	21	21	21	20	20	18	15½	11½	11½	20						
		D	19	16	14	15	16½	20	19½	20	20	19½	20	20	20	20	20	20	20	20	20	18	15½	11½	11½	20						

Band	Zone	Index	Document No.190										APP. B (p.8)					EQUINOX 40 (p.4)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
21 Mc/s	I	A	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2½	3½	0	0	0	0	0	0	0	0	0
		B	0	0	0	0	0	0	0	0	1	1	1	4	3	3	3	2	1½	1½	2	1	1	1	0	0	
		C	0	0	0	1	2½	5	5	6	6½	6½	6	7	5	8	8	7	3	4	4	0	0	0	0	0	
		D	0	0	0	-1	-2½	-5	-5	-6	-5½	-5½	-5	-2	-1	-4	-2	-2½	2	-2½	-2	1	1	1	0	0	
	E	A	0	0	1	2	2½	1	1	0	0	0	1½	1	1½	½	1	2	1	½	0	0	0	0	0	1	
		B	0	0	0	0	0	1	2	2	2	2	0	0	0	0	0	0	½	½	0	0	0	0	0	0	
		C	5	8	11	12½	13½	12	12	8½	9	9½	4½	3	1	½	0	0	0	0	½	0	3	4	5	6	
		D	-5	-8	-10	-10½	-11	-10	-9	-6½	-7	-7½	-3	-2	½	0	1	2	1	1	0	0	-3	-4	-5	-5	
	W	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
		B	6	6	6	6	5	0	0	0	0	0	0	0	5	5	6	6	6	6	6	6	5	5	7	7	
		C	2	2	2	1	0	0	0	0	0	0	0	0	1	0	1	2	4	4	4	6	5	5	5	4	
		D	4	4	4	5	5	0	0	0	0	0	0	0	4	5	6	4	2	2	2	0	0	0	2	3	
	D's	E	-1	-4	-6	-6½	-8½	-15	-14	-12½	-12½	-13	-8	-4	3½	1	5	3½	5	½	0	1	-2	-4	-3	-2	
		F																									
		G	23	25	23	24	24½	27	28½	29½	30	30	30	28	25½	28	24	25	21	20½	13	11	13	17	20	24	
			23	25	23	24	24½	27	28½	29½	30	30	30	28	25½	28	24	25	21	20½	13	11	13	17	20	24	
		H	117	117½	112½	93½	78½	47	47½	42	32½	34	53½	69½	128	133	146	143	136½	143	161½	182	161½	123½	117½	108	
		I	266½	254	254½	271	275	273	285	294	303½	300½	337½	394	429½	429½	413½	412	399	377	358	335½	322	304	283½	291	

[illegible]

Band	Zone	Index	Document No. 190										APP. B (p.10)										DECEMBER 40 (p.2)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
9 Mc/s	I	A	10	10	4½	7	10½	16	16½	12	9½	9½	9	13	15	16½	17	11	10	13½	14½	18	17	18	18½	12½						
		B	13	9	5½	6	4½	6	4½	4	3	6	11	11	12	10	9	12½	13½	9	7	6	18	6	9	10						
		C	4	4	2	3	2½	4	5	6	7	7	7	10½	5½	5	4½	6½	6	2½	1	2	2	4	4	3½						
		D	19	15	8	10	12½	18	16	10	5½	8½	13	13½	21½	21½	21½	17½	17½	20	20½	22	23	20	23½	19						
	E	A	3	4½	3	3½	8	5½	10	7	8½	9	6½	7	7	6½	5½	3½	2	1	2	2	3	1	2	3						
		B	2	2	4½	2½	1	2	2	5½	5	4½	3	4	9	7	6	3	1½	0½	1	4	4½	3	4½	3						
		C	4	7½	9	7	3½	5	3	2	4	7	6½	5½	1	2½	4	4	2½	2½	0	0	0	0	0½	2						
		D	1	-1	-1½	-1	5½	2½	9	10½	9½	6½	3	5½	15	11	7½	2½	1	-1	3	6	7½	4	6	4						
	W	A	14	13	8	8	4½	3½	1	0	1	1	7	4	8	7	6	5	5	6	8	10	11	14	14½	15						
		B	14	12	14	15	12½	5	2	1	3	1	1	3	17	21	14	12	12	11	13	15	14	15	14	12						
		C	2	2	3	5	6	3	0	0	0	0	0	1	4½	6	6	5	4	4	4	3	2	1	2½	1						
		D	26	23	19	18	11	5½	3	1	4	2	8	6	20½	22	14	12	13	13	17	22	23	28	26	26						
	D's	A	46	37	25½	27	29	26	28	21½	19	17	24	25	57	54½	43	31½	31½	32	40½	50	53½	52	55½	49½						
		E	34	23	15	15	17	17	18	11	11	11	12	11	25	21	15	10	10	11	15	21	33	40	48	44						
		F	36	42	46½	48½	45½	41½	42½	51	46	40½	52½	63	63	69	78½	80½	80½	78	71½	65	43	35	31	30						
		G	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27						
11 Mc/s	I	A	3	2	3	5	3½	5	4	11	13	10	7	13½	15	14	11½	9	10½	11	10	10½	3	2½	2	3						
		B	1	0	0	1	1½	3½	3	5	5	7	12½	13½	10	8	9	8	4	5	8	5	3	1	1	1						
		C	0	0	0	1	3	7	7	7	8½	8	6	5½	6½	5	3	6	5	4½	6½	4	2	1	0	0						
		D	4	2	3	5	2	1½	0	9	9½	9	13½	21½	18½	17	17½	11	9½	11½	11½	11½	4	2½	3	4						
	E	A	0	2½	3	3½	5½	2	3	4	3½	3½	8	8	7	9	9	7	5	2	1	2	3	1½	½	0						
		B	0	0	1	0	1	2	3	3	3	3	4	3	1½	0	0	0	1	2½	1	0	0	0	0	0						
		C	3	3	5	6	4½	4	3½	2½	2	3	2½	5	4	3	4½	4	1½	1	2	0	1	3	3½	5						
		D	-3	-1½	-1	-2½	2	0	2½	4½	4½	8½	9½	6	4½	6	4½	3	4½	1½	0	2	2	-1½	-3	-5						
	W	A	4½	3½	8	11	6	2½	0	0	0	0	2	5	7	7	8	8	9	10	11	7	8	11½	6½	5½						
		B	11	13	12	10	8	0	0	0	0	0	1	1	8	9	8	8	8	9	9	8	10	9	7	6						
		C	3½	3½	2	3	1	0½	0	0	0	0	0	0	0	0	1	1	3	3	1½	2	2	1	1	6						
		D	12	13	18	18	13	2	0	0	0	0	3	6	14½	16	15	15	14	16	18½	13	16	19½	12½	5½						
	D's	A	13	14½	20	20½	17	3½	2½	13½	14	12½	26	33½	37½	39	37	29	28	29	30	26½	22	20½	12½	4½						
		E	12	14	16	13	12	3½	2	11	10	9	17	21	22	24	24	20	19	20	25	26½	17	13	3	1½						
		F	30	29½	24	21	22½	28½	34½	34½	38½	39	43	45	47	46	43	41	41½	40	34	28	23½	21½	18½	26						
		G	28	28	24	21	22½	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	23½	21½	18½	26						

Band	Zone	Index	Document No. 190										APP. B (p.11)										DECEMBER 40 (p.3)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
15 Mc/s	I	A	0	0	1	2	2	2	5	4	8	8	9	6	7½	6	5	5	5	3	2	2	0	0	0	0						
		B	0	0	0	0	0	1½	3	4	4	5	8	4	5½	5½	5½	5	6	7	5	0	0	0	0	0						
		C	0	0	0	1	3	3½	7	4	4	9	7	5	4½	4	6	6½	3½	1½	1	1	0	0	0	0						
		D	0	0	1	1	-1	0	1	4	8	4	10	5	8½	7½	4½	3½	7½	8½	6	1	0	0	0	0						
	E	A	1	1	0½	1	2	3	4	2	3	5	4½	4½	0	1	2½	4	6	5½	2	½	0	3	2½	1½						
		B	0	1	0	1	2	1½	1	2½	3	1	1	2	2½	2	1	0	1	1½	2½	2½	½	0	0	1						
		C	1	1	4½	4½	4	1½	2	3	1½	2	2	1	3	3	3	1½	2	2	1½	2	2	2	2	2						
		D	0	1	-4	-2½	0	3	3½	1½	4½	4	3½	5½	-½	0	½	2½	5	5	3	1	-1½	1	-½	½						
	W	A	2	4	5	3	3	1	0	0	0	0	0	0	2	2	1	3	5	4	3	3	2	1	1	3						
		B	7	7	6	6	6	0	0	0	0	0	0	2	7	5	4	4	5½	6	6	4	5	5	4	3						
		C	3	3	4	2	0	0	0	0	0	0	0	0	1	2	3	3	3	4	2	1	1	0½	5	6						
		D	6	8	7	7	9	1	0	0	0	0	0	2	8	5	2	4	7½	6	7	6	6	5½	0	0						
	D's	D's	6	9	4	5½	8	4	4½	5½	12½	8	13½	12½	16	12½	7	10	20	19½	16	8	4½	6½	0½	0½						
		E	-9	-8	-12½	-15½	-12½	-6½	-1½	3½	12½	8	13	12½	16	12½	7	6½	11	12	½	10	-14	-16½	-14	-11½						
		F	20	18	18½	14	14½	24½	29	33	35	35	34½	35½	35	36½	34½	31½	26	27½	20½	17	16½	12	20	23						
		G	20	18	18½	14	14½	24½	29	33	35	35	34½	35	35	35	34½	31½	26	27½	20½	17	16½	12	20	23						
17 Mc/s	I	A	0	0	0	0	0	0	0	1	3	8	9	7	8½	4½	3	4	4	1	0	0	0	0	0	0						
		B					0	1	2	2	2	6	5	6	7	4	4	5½	6	4	0	1½	1	0	0	0						
		C					1½	0½	0	2	2	1	3	4½	5½	2	2	4	5	4	2	0	0	0	1	0						
		D					-1½	0½	2		3	13	11	8½	10	6½	5	5½	5	1	-2	1½	1	0	-1	0						
	E	A	0	2	1	2	2½	3	3½	2½	4	2½	7	4	3½	2½	3	1	0	0½	2	0	0	0	0	1						
		B	1	0	0	0	0	0	0	1	2	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0						
		C	1	4	12½	11½	10½	5½	4½	4½	5	6	3½	3	1½	0	1	1	0	0	0	1	2	1	2½	2						
		D	0	-2	-11½	-9½	-8	-3½	-1	-1	1	-3½	3½	2	-3	3½	4	1	0	0½	2	-1	-2	-1	-2½	-1						
	W	A	3	1	1	1	0	0	0	6	0	0	0	0	0½	0	0	0	1	1	0	0	0½	4	6							
		B	5	5	5	5	5	1	1	1	1	1	1	4	7	6	6	7	6	5	5	5	3	3	3	5						
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6½	8	7	7½	7	5½	5½	3½	2						
		D	8	6	6	6	5	1	1	1	1	1	1	4	7½	4	0	0½	-1	-1	-2½	-2	-2½	-2	3½	9						
	D's	D's	8	4	-5½	-3½	-4½	-2	2	1	5	10½	15½	14½	20½	14	9	7	4	0½	-2½	-1½	-3½	-3	0	8						
		E	-5	-4½	-8	-5½	-6	-4	1	1	5	10½	15½	14½	20½	13½	9	7	2	-4½	-10	-7	-10	-9½	-10	-3½						
		F	7	10½	17½	18	18½	18	19	20	20	20	20	20	20	19½	20	20	18	15	12½	14½	13½	13½	10	8½						
		G	7	10½	17½	18	18½	18	19	20	20	20	20	20	20	19½	20	20	18	15	12½	14½	13½	13½	10	8½						

Band	Zone	Index	Document No. 190										APP. B (p.12)										DECEMBER 40 (p.4)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
21 Mc/s	I	A	0	0	0	0	0	0	0	$\frac{1}{2}$	2	3	2	$1\frac{1}{2}$	0	0	1	2	0	0	0	0	0	0	0	0	0					
		B	0	0	0	0	0	1	$1\frac{1}{2}$	0	1	1	3	5	$4\frac{1}{2}$	2	1	2	1	2	$1\frac{1}{2}$	1	0	0	0	0	0					
		C	0	0	0	0	0	2	$4\frac{1}{2}$	5	4	$6\frac{1}{2}$	4	5	7	$6\frac{1}{2}$	$3\frac{1}{2}$	0	2	1	$1\frac{1}{2}$	1	1	$0\frac{1}{2}$	0	$0\frac{1}{2}$						
		D	0	0	0	0	0	-1	-3	$-4\frac{1}{2}$	-1	$-2\frac{1}{2}$	1	$1\frac{1}{2}$	$-2\frac{1}{2}$	$-4\frac{1}{2}$	$-1\frac{1}{2}$	4	-1	1	0	0	-1	$-0\frac{1}{2}$	0	$-0\frac{1}{2}$						
	E	A	0	0	0	1	$1\frac{1}{2}$	1	1	1	0	0	0	1	1	1	1	$0\frac{1}{2}$	0	1	1	0	0	0	0	0	0					
		B	3	3	2	1	1	1	1	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	3					
		C	2	3	$4\frac{1}{2}$	$4\frac{1}{2}$	$7\frac{1}{2}$	7	7	5	$4\frac{1}{2}$	6	$1\frac{1}{2}$	2	$0\frac{1}{2}$	2	1	1	0	0	0	0	0	0	0	0	0					
		D	1	0	$2\frac{1}{2}$	$-2\frac{1}{2}$	-5	-5	-5	-4	$2\frac{1}{2}$	-5	$-1\frac{1}{2}$	-1	$0\frac{1}{2}$	0	0	- $0\frac{1}{2}$	0	1	1	0	0	0	0	1	3					
	W	A	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0					
		B	7	7	6	5	5	0	0	0	0	0	0	0	6	7	7	8	7	6	5	5	5	5	5	7	10					
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	$4\frac{1}{2}$	$5\frac{1}{2}$	4	6	8	4	2	1						
		D	7	7	6	6	5	0	0	0	0	0	0	0	6	6	7	5	$2\frac{1}{2}$	$0\frac{1}{2}$	2	0	-2	2	6	9						
	D's	A	8	7	$8\frac{1}{2}$	$3\frac{1}{2}$	0	-6	-8	$-8\frac{1}{2}$	$1\frac{1}{2}$	$-7\frac{1}{2}$	$-0\frac{1}{2}$	$0\frac{1}{2}$	4	$1\frac{1}{2}$	$5\frac{1}{2}$	$8\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{2}$	3	0	-3	$1\frac{1}{2}$	7	$11\frac{1}{2}$						
		E	-12	-12	$-9\frac{1}{2}$	-11	$-11\frac{1}{2}$	-15	$-17\frac{1}{2}$	-16	$-7\frac{1}{2}$	$-8\frac{1}{2}$	$-0\frac{1}{2}$	0	2	-2	-5	-7	$-11\frac{1}{2}$	-11	-16	-19	-22	-20	-18	$-12\frac{1}{2}$						
		F	10	11	12	$15\frac{1}{2}$	$18\frac{1}{2}$	21	$20\frac{1}{2}$	$22\frac{1}{2}$	21	29	30	$29\frac{1}{2}$	28	$26\frac{1}{2}$	$19\frac{1}{2}$	$14\frac{1}{2}$	17	$16\frac{1}{2}$	11	11	11	11	$8\frac{1}{2}$	5	6					
		G	10	11	12	$15\frac{1}{2}$	$18\frac{1}{2}$	21	$20\frac{1}{2}$	$22\frac{1}{2}$	21	29	30	$29\frac{1}{2}$	28	$26\frac{1}{2}$	$19\frac{1}{2}$	$14\frac{1}{2}$	17	$16\frac{1}{2}$	11	11	11	11	$8\frac{1}{2}$	5	6					
		H	$172\frac{1}{2}$	164	144	$126\frac{1}{2}$	109	68	$86\frac{1}{2}$	79	$89\frac{1}{2}$	74	122	$148\frac{1}{2}$	221	217	$223\frac{1}{2}$	$218\frac{1}{2}$	211	$206\frac{1}{2}$	218	227	217	$210\frac{1}{2}$	199	$186\frac{3}{4}$						
		I	$194\frac{1}{2}$	192	$207\frac{1}{2}$	209	$216\frac{1}{2}$	$236\frac{1}{2}$	$241\frac{1}{2}$	255	$246\frac{1}{2}$	251	$282\frac{1}{2}$	$320\frac{1}{2}$	334	330	318	304	299	$289\frac{1}{2}$	$261\frac{1}{2}$	247	210	$172\frac{1}{2}$	$159\frac{1}{2}$	179						

Band	Zone	Index	Document No. 190										APP. B (p.13)										JUNE 12 (p.1)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
6 mc/s	I	A	4	4	3	3½	3	4	11	12	16	14½	15	19	14	13	12	8	6	3½	3	6	8½	6	4¾	1¼						
		B	4	2	3	2	7	15	15	11	9	6½	6½	4½	6½	4	7	13½	16	15½	19½	23½	19	13	9	13						
		C	4	0	2	5	7	7½	5	5½	8½	8	8½	11	11	11½	5½	7	10	8	8	7	1	2½	5½	4½						
		D	4	6	4	½	3	11½	21	17½	16½	13	13	12½	9½	5½	13½	14½	12	11	14½	22½	26½	16½	8½	9½						
	E	A	9	7½	8½	10	4	1½	5½	5½	7½	3½	3	4½	6½	10½	21½	17	11½	4	1	1	2½	1	2½	7						
		B	7	11	7	7	5	5	4	3½	4½	6	8	7½	6½	4½	4	6½	5	4	1	0	0	0	4	4						
		C	4	2	3	3	3	3	2	4	6	9½	5	3	1	1	3	7½	8	2½	½	0	0	1	3½	5						
		D	12	16½	12½	14	6	3½	7½	5	6	0	6	9	12	14	22½	16	8½	5½	1½	1	2½	0	3	6						
	W	A	7	4	6	7½	3½	½	0	1	1	1	2	2	4	4	4½	2	3	2	2	1	0	1	3	5						
		B	15	17	17	17	9	0	1	0	0	0	1	3	9	12	9	9	11	13	15	11	8	7	10	13						
		C	0	0	2½	4½	5½	3	1	1	1	1	1	0	2	3	4	3	2	2	2	0	1	0	3	1½						
		D	22	20	20½	20	7	-2½	0	-0	0	0	2	5	11	13	9½	8	12	13	15	12	7	7	10	16½						
		D's	38	42½	37	34½	16	12½	28½	22½	22½	13	21	26½	32½	32½	45½	38½	32½	29½	31	35½	36	23½	21½	32½						
		E	12	15	14	13	6	5	12	9	9	5	7	6	6	6	9	7	6	6	6	8	8	6	5	14						
		F	81	72	67	65	67	68½	60½	61	60½	67	80	102½	128½	132	126½	134½	138½	126	120	117	110	106½	103½	94						
		G	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25						
	7 mc/s	I	A	5	3	2	2	4	2	1	3½	6	7	6½	8	7½	8	6½	7	13	10½	13	13	8	8	5	4					
			B	1	3	4	4½	4	9	7	5½	6	6	8	9½	8	9	10	10	9	13	17½	24	23	16	11	8					
			C	1	1½	0	0	1½	5	4	14	14	14½	12½	15½	16	21	13½	14½	8	5	6	4	5½	5½	3	2					
			T	5	4½	6	6½	6½	6	4	-5	-2	-1½	2	2	-½	-4	3	12½	14	18½	24½	33	25½	18½	13	10					
E		A	2	2	5	5	1½	2	3½	8	9	3	1½	2	5	1	1	3	5	4	1	0	0	1½	2½	3						
		B	1	0	3	1	1	3	3	1	2	3½	4	2	3	6	4	4	0	1	1	3	3	3	4½	2						
		C	4½	7½	5	9	8	9½	3½	2½	2	5	5½	3½	2½	3	11	9	9	4½	1	2	0	1	2	5						
		D	-1½	-5½	3	-3	5½	-4½	3	6½	9	1½	0	½	5½	4	-6	-2	-4	½	1	1	3	3½	5	0						
W		A																														
		B																														
		C																														
		D																														
		D's	3½	-1	9	3½	1	1½	7	1½	7	0	2	2½	5	0	-3	10½	10	19	25½	34	28½	22	18	10						
		E	3	0	7	2	0	0	2	0	2	0	0	0	1	0	0	4	4	9	12	16	14	12	10	6						
		F	29	25	26½	35	45	53½	62½	68½	64½	59	64½	75½	73	68	68½	51½	49	43½	42	41	42	35	35	32						
		G	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20						

Band	Zone	Index	Document No. 190																									
			APP. B (p.14)													JUNE 12 (p.2)												
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
9 Mc/s	I	A	14	11	11	6	8½	12	12½	9½	6	5	5	6	7	6	6	6	6½	8½	8	9	9½	10	9½	7		
		B	9	11	9	8½	11	11	9½	9	6	8	10	12	13½	10½	9½	18½	22	27	26	25½	23	13½	11	7½		
		C	1	2	4	5	9	4	7	8½	10	3	8	9	12½	6	3	½	½	0	½	3	4	4	4	1		
		D	22	20	16	9½	10½	19	15	10	2	5	7	9	8	10½	12½	24	28	35½	33½	31½	28½	19½	16½	13½		
	E	A	3	2	2	1½	4½	2	3	2	2½	2½	5	4	5½	4	5	6	4	5	4	4½	5	3	3½	5		
		B	1	1	4	2	1	1	1	5½	6	3½	1	3½	5½	6	7	2½	0	1	3½	6	3	1	3	2		
		C	6	4	4½	3½	1½	1	1½	1	1½	2	2	½	2½	2	3½	5½	2	2½	2½	1	1½	3	5	7½		
		D	-2	-1	1½	0	4	2	2½	6½	7	4	4	7	8½	8	8½	3	2	3½	5	9½	6½	1	1½	-½		
	W	A	9	8	7	7	7	3	3	2	0	0	1	0	0	3½	5	4	5	5	4½	3	4	5	5	8		
		B	14	14	13½	14	11	2	1	2	2	0	0	2½	15	15	13	11	11	11	12	13	12	14	14	12½		
		C	1	1	1	½	1½	3	1	2	2½	2	2½	3½	1½	2	2	1	1	1	1	1	1	3	2	2		
		D	22	21	19½	20½	16½	2	3	2	-½	-2	-1½	-1	13½	16½	16	14	15	15	15½	15	15	16	17	18½		
		D's	42	40	37	30	31	23	20½	18½	8½	7	9½	15	30	35	37	41	45	54	54	56	50	36½	35	31½		
		E	25	25	22	16	16	12	11	10	4	4	4	5	10	12	13	15	17	21	21	22	20	16	19	19		
		F	45	43½	45½	49	52	50½	49½	49	52½	53	60½	74	79	78	78½	76	72½	71	71	68	67½	63	49½	44½		
		G	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27		
11 Mc/s	I	A	5	13	14	10	12	11½	10	13	13½	10	6½	7	12	12	9	8	9½	10	11	9	11½	12	17½	14½		
		B	14	15	12½	14½	8½	13½	10½	9	9½	12	17	18	16	16	14	15	19½	24	22	17	19	19	15	11		
		C	3	3	2	3	3½	2½	5	6	4	4	8½	7	5	5	5	4½	3	3½	3	3	5	5	7	3		
		D	16	25	24½	23	17	22½	15½	16	19	18	15	19	23	23	18	18½	26	30½	30	23	25½	26	25½	22½		
	E	A	1	6½	3	2½	2½	5	5½	3	3½	2½	3	4	5	5½	6	5½	4½	2	4½	2	2	3	3½	2		
		B	1	2	2½	2½	4	1	1	1	2	2½	3	1	1	1	3	4	3	3	5½	6	4	3	5	3		
		C	2	2½	4½	7½	5½	5	7	5	5½	2	3½	3	3	3½	5	5	5	3½	3	3	2½	2	2	2		
		D	0	6	1	-2½	1	1	-½	-1	0	3	2½	2	3	3	4	4½	2½	1½	7	5	3½	4	6½	3		
	W	A	6	6½	5	3	4	2½	0	0	0	2	2	2½	4	5	3	2	1	1	4	5½	5½	7	6	7		
		B	8	7	7	7	9	2	2	1	2	0	3	4½	13	12	10	8	8	8	7	9	11	11	8	8		
		C	2	6	5	3	4	3	3	3	0	1	1	0	2	3	4	4	5	4	4	4½	2	2	2	3		
		D	12	7½	7	7	9	1½	-1	-2	2	1	4	7	15	14	9	6	4	5	7	10	14½	16	12	12		
		D's	28	38½	32½	27½	27	25	14	13	21	22	21½	28	41	40	31	29	32½	37	44	38	43½	46	44	37½		
		E	18	26	20	16	17	15	8	7	11	12	11	14	18	16	12	12	14	16	21	19	24	30	30	26		
		F	42	41½	44½	49	44½	47½	48	49	52	50	56½	56	65	70½	73	70	66	64	60	56	50	42	40	40½		
		G	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28		

Document No. 190

APP. B (p.15)

JUNE 12 (p.3)

Band	Zone	Index	Document No. 190										APP. B (p.15)										JUNE 12 (p.3)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
15 Mc/s	I	A	1	1	0	2	3½	2½	1½	4	4½	5	6	10	10	11½	9	11½	10	10	6	5	5½	2½	1	2						
		B	3	3	2	2	2	0	1	4	8	9	9	12	8	5	7	7	11½	6½	8	5	2	2	3	2						
		C	0	0	3	4	7	10½	12	8	6	4	5	3½	3½	2½	7	5½	4	3	6	6	4½	5	2	3						
		D	4	4	-1	0	-1½	-8	-9½	0	6½	10	10	18½	14½	14	9	13	17½	13½	8	4	3	½	2	1						
	E	A	0	0	1½	½	3	3½	1½	2½	3	5	6½	4	3	4	8	8	6	4	1½	½	1	1	3	1						
		B	1	1	0	1	2	2½	1	2½	2½	2	1	3	6	5	5	2	1	1½	½	2½	2½	2	1	2						
		C	2	4	6½	7	6	6	4½	5½	4½	5½	3	3	4	3½	4	2	3	½	1	2	1	1	0	0						
		D	-1	-3	-5	-5½	-1	0	-2	-½	1	½	4½	4	5	5½	9	8	4	5	1	1	2½	2	4	3						
	W	A	2	1	1	0	2	2	1	1	0	0	0	0	0	1	1	2	3	6½	4	3	2	2½	0	0						
		B	8	9	8	8	5½	2	2	2	3	0	0	0	7	7	9	10	9	7	7	8	7	8	8	6						
		C	3	6	4	1½	0	0	0	0	0	0	1	2	1½	2	0	0	1	1	1½	2	4	4	2	1						
		D	7	4	5	6½	7½	4	3	3	3	0	-1	-2	5½	6	10	12	11	12½	9½	9	5	6½	6	5						
	D's	A	10	5	-1	1	5	-4	-8½	2½	10½	10½	13½	20½	25	25½	28	33	32½	31	18½	14	10½	8	12	9						
		E	8	4	-2	0	3	-7	-8½	2	8	10½	10½	20½	25	25½	28	33	32½	31	18½	14	10½	8	12	9						
		F	33	34	34	34	33	32	35	34½	32½	35	32	35	38	37½	36	36	36	35½	36	37	36	36	35	36						
		G	33	34	34	34	33	32	35	34½	32½	35	32	35	35	35	35	35	35	35	35	35	35	35	35	35						
17 Me/s	I	A	0	0	0	0	0	0	1	2	2	2	7½	4½	4	2	2	1½	2½	0	0	1	1	1	0	0						
		B	1	1	1	0	0	0	0	0	½	1	1	2	3	5	4	5½	4½	3	3	1	0	0	0	0						
		C	0	0	0	1	1½	1	1	3	4½	3	2½	3	3½	5	7	10	7	3½	5½	5	4	1½	1	0						
		D	1	1	1	-1	-1½	-1	0	-1	-2	0	6	3½	3½	2	-1	3	0	-½	2½	-3	-3	-½	-1	0						
	E	A	0	0	0	2	1	0	1	2	2	1½	1	4	2	½	0	0	1	1½	1	0	0	1	1	0						
		B	1	1	1	1	1	2	2½	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0						
		C	3	6	8	8	6	6	7½	7	6	8	5½	4	2	1½	4	3	2	3	0	1	2	2	3½	2						
		D	-2	-5	-7	-5	-4	-4	-4	-2	-1	-3½	-2½	1	0	-1	-4	-3	-1	-1½	1	-1	-2	-1	-2½	-2						
	W	A	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	3	2	2	3	1						
		B	6	7	6	5	4	1	1	1	1	1	1	4	5	5	6	7	7	7	5	4½	4	5	7							
		C	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	2	2	2							
		D	6	6	6	5	4	1	1	1	1	1	1	4	5	5	6	8	6	7	8	5½	4	6	6							
	D's	A	5	2	0	-1	-1½	-4	-3	-2	-2	-2½	4½	5½	7½	6	0	0	7	4	5½	4	½	2½	2½	4						
		E	3	0	-1	-1½	-1½	-4	-5	-4½	-3	-3½	4½	5½	7½	6½	0	-1	2½	-1½	-1	-2	-4½	-4½	-2½	1½						
		F	17	18	19	19½	20	20	18	17½	19	20	20	20	20	19½	20	19	15½	14½	13½	14	15	13	15	17½						
		G	17	18	19	19½	20	20	18	17½	19	20	20	20	20	19½	20	19	15½	14½	13½	14	15	13	15	17½						

Band	Zone	Index	Document No. 190										APP. B (p.16)										JUNE 12 (p.4)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
21 Mc/s	I	A	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0						
		B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0						
		C	0	0	0	0	0	1	4	4	2	3	3	2	2	2	0	1	1	0	0	0	0	0	0	0						
		D	0	0	0	0	0	-1	-4	-4	-2	-2	-2	-1	-2	-2	1	-1	-1	2	2	1	0	0	0	0						
	E	A	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0						
		B	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
		C	0	1	1	1	1½	1	2	1½	2	2	1	2	2	1	0	0	0	0	0	0	0	0	0	0						
		D	1	0	0	0	-½	-1	-2	-1½	-2	-2	-1	-2	-2	-1	1	2	0	0	0	0	0	0	0	0						
	W	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1						
		B	7	6	6	6	6	0	0	0	0	0	0	0	5	5	5	6	5	5	5½	6	5	4	4	4						
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0						
		D	7	6	6	6	6	0	0	0	0	0	0	0	5	5	5	6	5	4	4½	5	5	5	5	5						
	D's	E	8	6	6	6	5½	-2	-6	-5½	-4	-4	-3	-3	1	2	7	7	4	6	6½	6	5	5	5	5						
		F	-21	-22	-23	-23	-23	-28	-27½	-25	-28	-27½	-26	-26	-22	-23	-21	-21	-24	-21	-22	-23	-24	-24	-24	-23						
		G	1	2	1	1	1½	4	8½	10½	6	6½	7	7	7	5	2	2	2	3	1½	1	1	1	1	2						
		H	1	2	1	1	1½	4	8½	10½	6	6½	7	7	7	5	2	2	2	3	1½	1	1	1	1	2						
		H	134¼	133	120½	101½	85	52	52½	50½	63½	46	69	95	142	141	145½	159	163¼	180½	185	187½	174	143½	137¾	129¼						
		I	248	236	237½	252½	263	276	282	290	287	290¼	320¼	369½	410½	410½	404	389	379½	357½	344	334	321½	296½	279	266½						

Band	Zone	Index	Document No. 190										APP. B (p.17)										EQUINOX 12 (p.1)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
6 Mc/s	I	A	10	16 $\frac{1}{2}$	19	11 $\frac{1}{2}$	10	16	12 $\frac{1}{2}$	10 $\frac{1}{2}$	10	9	9	9	6 $\frac{1}{2}$	6	8	6	6	7 $\frac{1}{2}$	9	9	10 $\frac{1}{2}$	9	9							
		B	13	11	10 $\frac{1}{2}$	13	13 $\frac{1}{2}$	16	14 $\frac{1}{2}$	14	9	7	7 $\frac{1}{2}$	6 $\frac{1}{2}$	6	7	4 $\frac{1}{2}$	11 $\frac{1}{2}$	16	17	26 $\frac{1}{2}$	27	28	19	19	21						
		C	2	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	7 $\frac{1}{2}$	10	9	7	5 $\frac{1}{2}$	4 $\frac{1}{2}$	5	4	5	6 $\frac{1}{2}$	3	4 $\frac{1}{2}$	6	5 $\frac{1}{2}$	3	5	1 $\frac{1}{2}$	3	6	6						
		D	21	24	26	16 $\frac{1}{2}$	16	22	18	17 $\frac{1}{2}$	13 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	7 $\frac{1}{2}$	6 $\frac{1}{2}$	9 $\frac{1}{2}$	13	16	17 $\frac{1}{2}$	31	31	35 $\frac{1}{2}$	26 $\frac{1}{2}$	22	24						
	E	A	9 $\frac{1}{2}$	7 $\frac{1}{2}$	5 $\frac{1}{2}$	6	2 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	4	5 $\frac{1}{2}$	7 $\frac{1}{2}$	11 $\frac{1}{2}$	13 $\frac{1}{2}$	14 $\frac{1}{2}$	18 $\frac{1}{2}$	21	17 $\frac{1}{2}$	15 $\frac{1}{2}$	10 $\frac{1}{2}$	2	1	4	2	4 $\frac{1}{2}$	6						
		B	3 $\frac{1}{2}$	6	2	2	2	2	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	4	5	6	6 $\frac{1}{2}$	6	6	8	7	5 $\frac{1}{2}$	1 $\frac{1}{2}$	4	1 $\frac{1}{2}$	1	3	3						
		C	4	1	1	0	0	1	1	4 $\frac{1}{2}$	5	5	3 $\frac{1}{2}$	4	4	3 $\frac{1}{2}$	3	6 $\frac{1}{2}$	7	3 $\frac{1}{2}$	1	0	1	1 $\frac{1}{2}$	1	3 $\frac{1}{2}$						
		D	9	12 $\frac{1}{2}$	6 $\frac{1}{2}$	8	4 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	2	3	6 $\frac{1}{2}$	13	15 $\frac{1}{2}$	17	21	24	19	15 $\frac{1}{2}$	12 $\frac{1}{2}$	2 $\frac{1}{2}$	5	4 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	5 $\frac{1}{2}$						
	W	A	11	11	14	17	14 $\frac{1}{2}$	5	3	1	1	0	3	9	17	8 $\frac{1}{2}$	4	3	5	4	3 $\frac{1}{2}$	2	4	6	7	6						
		B	19	18	17	18	11	1	1	2	0	0	1	3	9	12	10	9	9 $\frac{1}{2}$	12	14	12 $\frac{1}{2}$	8	7	10	14 $\frac{1}{2}$						
		C	0	4	3	5	4	1	0	0	0	-1	1	1	6	2	2	2	0	1	1	2	1	2	1	6						
		D	30	25	28	30	21 $\frac{1}{2}$	5	4	3	1	-1	3	11	20	18 $\frac{1}{2}$	12	10	12 $\frac{1}{2}$	16	16 $\frac{1}{2}$	13 $\frac{1}{2}$	10	12	15	14 $\frac{1}{2}$						
	D's	A	60	61 $\frac{1}{2}$	60 $\frac{1}{2}$	54 $\frac{1}{2}$	42	29 $\frac{1}{2}$	25 $\frac{1}{2}$	22 $\frac{1}{2}$	17 $\frac{1}{2}$	17	27 $\frac{1}{2}$	38	44 $\frac{1}{2}$	46	45 $\frac{1}{2}$	42	44	46	50	49 $\frac{1}{2}$	50	40	40 $\frac{1}{2}$	44						
		E	20	20	24	22	17	12	10	8	7	14	11	11	10	9	9	8	9	10	11	12	12	10	11	13						
		F	74 $\frac{1}{2}$	68 $\frac{1}{2}$	64	61 $\frac{1}{2}$	61	62	61 $\frac{1}{2}$	65	61	62 $\frac{1}{2}$	66 $\frac{1}{2}$	90 $\frac{1}{2}$	114 $\frac{1}{2}$	127	126 $\frac{1}{2}$	126	121 $\frac{1}{2}$	117 $\frac{1}{2}$	111	110	106	96	94	82						
		G	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25					
7 Mc/s	I	A	9	7 $\frac{1}{2}$	9	6 $\frac{1}{2}$	5	6 $\frac{1}{2}$	9	6	3	1	3	3	4	7 $\frac{1}{2}$	8	9	12 $\frac{1}{2}$	14 $\frac{1}{2}$	23 $\frac{1}{2}$	26	19 $\frac{1}{2}$	20	16	9 $\frac{1}{2}$						
		B	4	7 $\frac{1}{2}$	7	5 $\frac{1}{2}$	7 $\frac{1}{2}$	13	14	12	11	12	9	13 $\frac{1}{2}$	12	7	10	17	15	18	27	28	29 $\frac{1}{2}$	19 $\frac{1}{2}$	15 $\frac{1}{2}$	8						
		C	2	1	2	4 $\frac{1}{2}$	9	12	12	11 $\frac{1}{2}$	8 $\frac{1}{2}$	8	9	12 $\frac{1}{2}$	11	7 $\frac{1}{2}$	6	3 $\frac{1}{2}$	3	3 $\frac{1}{2}$	3	3	2	1	3	3						
		D	11	14	14	7 $\frac{1}{2}$	3 $\frac{1}{2}$	7 $\frac{1}{2}$	11	6 $\frac{1}{2}$	5 $\frac{1}{2}$	5	3	4	5	7	12	22 $\frac{1}{2}$	24 $\frac{1}{2}$	29	47 $\frac{1}{2}$	51	47 $\frac{1}{2}$	38 $\frac{1}{2}$	28 $\frac{1}{2}$	14 $\frac{1}{2}$						
	E	A	6 $\frac{1}{2}$	2 $\frac{1}{2}$	3	4	1 $\frac{1}{2}$	1	0	3	3	1	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	6 $\frac{1}{2}$	4 $\frac{1}{2}$	2 $\frac{1}{2}$	0	1 $\frac{1}{2}$	0	0	4	3	6	7						
		B	1	0	3	1	1	2	1	1	2	3 $\frac{1}{2}$	5	3	3	5	2	3 $\frac{1}{2}$	0	0	0	3	2	2	5	3						
		C	1	5	6	10	6	8	5	3	2	1	1 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	5 $\frac{1}{2}$	7	7 $\frac{1}{2}$	5 $\frac{1}{2}$	3	1	1	0	0	1	3						
		D	6 $\frac{1}{2}$	-2 $\frac{1}{2}$	0	-5	-4 $\frac{1}{2}$	-5	-4	1	3	3 $\frac{1}{2}$	7	4	8 $\frac{1}{2}$	6	-1 $\frac{1}{2}$	-1 $\frac{1}{2}$	-5 $\frac{1}{2}$	-2 $\frac{1}{2}$	-1	2	6	5	10	7						
	W	A																														
		B																														
		C																														
		D																														
	D's	A	17 $\frac{1}{2}$	11 $\frac{1}{2}$	14	2 $\frac{1}{2}$	-1	2 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8 $\frac{1}{2}$	8 $\frac{1}{2}$	10	8	13 $\frac{1}{2}$	13	11 $\frac{1}{2}$	21	19	26 $\frac{1}{2}$	47	54	54 $\frac{1}{2}$	44 $\frac{1}{2}$	39 $\frac{1}{2}$	21 $\frac{1}{2}$						
		E	13	8	9	1	0	1	2	2	3	3	3	2	4	5	5	10	9	12	25	30	30	27	25	12						
		F	29	28 $\frac{1}{2}$	33	42	49	53 $\frac{1}{2}$	55 $\frac{1}{2}$	53	51 $\frac{1}{2}$	50	57 $\frac{1}{2}$	69	60 $\frac{1}{2}$	51 $\frac{1}{2}$	48	43 $\frac{1}{2}$	43 $\frac{1}{2}$	41 $\frac{1}{2}$	38	36	36	32 $\frac{1}{2}$	30 $\frac{1}{2}$	35						
		G	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20						

Band	Zone	Index	Document No. 190										APP. B (p.18)										EQUINOX 12 (p.2)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
9 Mc/s	I	A	11	14	13½	9½	9½	8½	6	6	5½	4	4	4½	9	8	10	12½	9	13½	16½	20½	22	22½	14½	17½						
		B	16	14	11½	12	7	10	6½	5	3	4	7	8	4	6	8	11	17½	25½	22½	11	13	7	8	11						
		C	2	0	0	0	1	7	5	5	6	6	8½	3	4	7	6	6	½	3½	2	0	1½	½	1	1½						
		D	25	28	25	21½	15½	11½	7½	6	2½	2	2½	9½	9	7	12	17½	26	35½	37	31½	33½	29	21½	27						
	E	A	2	3	3½	3	3	½	1	2	3	5	6½	6	5	4½	13	10½	7½	4½	5	7	5	6½	8½	6						
		B	1	1	4	2	1	2	2	5½	7	6	5	4	8	8½	8	5½	1	1½	4½	6	6½	2	2	2						
		C	5	0	0	0	2	4	5½	4½	6½	4	2½	½	2	2	0	2	½	2½	4	2	0	1	3	4½						
		D	-2	4	7½	5	2	-1½	-2½	3	3½	7	9	9½	11	11	21	14	8	3½	5½	11	11½	7½	7½	3½						
	W	A	3	1	1	2	1	2½	0	0	0	2	3	4	3	3	5	2	2	2	2	2	5	7	6½	6						
		B	2	2	3	2	1	3	4	3	5	1	3	2	14	16	13	11	11	10	12	13	14	14	14	12½						
		C	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	2	1	2	1	3½	3						
		D	4	3	4	4	2	4½	3	2	4	2	5	6	16	18	17	12	13	11	12	14	17	20	17	15½						
	D's	A	27	35	36½	30½	19½	14½	8	11	10	11	16½	25	36	36	50	43½	47	50	54½	56½	62	56½	46	46						
		B	17	22	23	19	12	9	4	5	5	6	7	13	12	11	16	15	16	17	19	22	25	26	26	30						
		C	43½	42½	42	44½	44	45½	57	54	54	49½	61½	76½	80	84½	83	79	78½	78	77	68	68	58	43½	42						
		D	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27						
11 Mc/s	I	A	2	1	2	3	5½	14	13	12	10	13	8½	9	9½	9	10	9½	9	7½	6½	6	3	3	5	4						
		B	2	2	0	4	9	6½	6	7	6	5	6	10	12½	11	12	17½	17	12	8	6½	3	1	3	3						
		C	4	3	5	3	2	4	6	8	7	6	7	6	3½	2	3	3	2	3	5½	5½	5½	3	2	2						
		D	0	0	-3	4	12½	16½	13	11	9	12	7½	13	18½	18	19	24	24	16½	9	7	½	1	6	5						
	E	A	2	3½	2	2	4	5	2½	6	4	1½	2	2	3½	2½	5	5	3	3	1	0	½	2	3	1						
		B	2	2	4½	3½	2	2	3	2	1	0	1	3	5	5	5	2	3	2½	5	5	1	1	0	0						
		C	5	3	3	5	6	5	1½	0	0	1	2	2	0	1	1	½	0	0	1	3	2	2	2	4						
		D	-1	2½	3½	½	0	2	5	8	3	½	1	3	8½	6½	9	6½	6	5½	5	2	-½	1	1	-1						
	W	A	4	4	2	3	2	3	1	1	1	1	1	0	2	3	3	2	2	4	8	9½	8	8	6	5						
		B	7	8	8	8½	8	2	2	2	2	0	2	2	9	10	9	8	0	8	8	8	9	9	8	7						
		C	4	5	4	6	2	2	0	0	0	0	0	0	2	3	4	4	4	3	2	3	5	5	7	5½						
		D	7	7	6	5½	8	3	3	3	3	1	3	2	9	10	8	6	-2	9	14	14½	12	12	7	6½						
	D's	A	6	9½	6½	10	20½	21½	21	22	17	13½	11½	18	36	34½	36	36½	28	31	28	23½	12	14	14	21½						
		B	5	7	5	6	13	15	16	17	12	8	6	9	17	15	16	17	14	16	15	14	9	12	12	6						
		C	37	39	38½	43	43	41	37	37	41	46	51½	55	59	66½	63	59	56	53	50½	47	39	33	33	36½						
		D	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28						

Band	Zone	Index	Document No. 190										APP. B (p.19)										EQUINOX 12 (p.3)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
15 Mc/s	I	A	0	0	0	1	1	1	4	6	7	8½	10	12	12	14	7	8½	6½	3½	2	2	0	0	1	0						
		B	0	0	0	0	0	2	4	4	6½	8	9	5	7	6	7	8	9½	9½	6	3	2	2	2	2						
		C	0	1	2	3	2	7	5	7	5	3	6	5	6	4	8	10	4	3	3	3	2	0	0	0						
		D	0	-1	-2	-2	-1	-4	3	3	8½	13½	13	12	13	16	6	6½	12	10	5	2	0	2	3	2						
	E	A	1	2	½	1	2½	1½	2	3	2½	4	5	2	1	½	2	3½	3	2½	2½	2½	1	2	2	0						
		B	0	2	0	1	2	3½	3	4½	4	3	1	3	3½	2	2	1	0	½	0	½	1½	1	1	1						
		C	1	4	4	6	5½	5	5	3½	1½	4	1½	1	3½	1½	2	1	2	0	0	½	0	1	1	1						
		D	0	0	-3½	-4	-1	0	0	4	5	3	4½	4	1	1	2	3½	1	3	2½	2½	2½	2	2	0						
	W	A	1	5	3	3	1	0	0	0	0	0	0	1	2	1	1	1	3	1	2	3	2	2	2	0						
		B	6	6	6	5	4	0	0	0	0	0	0	2	8	8	6	8	7	6	5	4	5½	8	6	6						
		C	4	5	2	0	0	0	0	0	0	0	0	0	3	4½	3	6	2	1	6	4	6	4	3	3						
		D	3	6	7	8	5	0	0	0	0	0	0	3	7	4½	4	3	8	6	1	3	1½	6	5	3						
	D's	A	3	5	1½	2	3	-4	3	7	13½	16½	17½	19	21	21½	12	13	21	19	8½	7½	4	10	9	5						
		E	-7	-7	-13½	-11½	-2½	-5	3	7	13½	15	17	19	21	21½	12	12	21	19	8½	1	7	1	12½	-6						
		F	25	23	20	21½	29½	34	35	35	36	33½	34½	37	38	37½	38	34	36	35	35	28½	24	16	13½	19						
		G	25	23	20	21½	29½	34	35	35	35	33½	34½	35	35	35	35	34	35	35	35	28½	24	16	13½	19						
17 Mc/s	I	A	0	0	1	1	0	0	2	1½	1	3	4	3	5	3	2	2½	2½	0	0	0	0	0	0	0						
		B	0	0	0	0	0	0	0	1	2	5	5	8	7	6	4	3½	3½	3	1	1	1	0	0	0						
		C	0	0	0	0	0	0	1½	3	4	5	3	3	3½	3	3½	5	3	1	1	0	0	0	0	0						
		D	0	0	1	1	0	0	½	-1	-1	3	6	8	8½	6	2½	1	3	2	0	1	1	0	0	0						
	E	A	1	0	0	1	½	0	0	1	1	½	1	3	3	1½	1	0	1	2	2	0	0	1	1	1						
		B	3	2	2	1	2	1	1	0	1	1	2	1	1	1	2	2	1	1	0	0	0	0	1	3						
		C	1	2	4	5½	6	5	5½	3	6	6	2½	1	0	0	0	1½	1	1	1	0	0	2	2½	2½						
		D	3	0	-2	-3½	-3½	-4	-4½	-2	-4	-4½	½	3	4	2½	3	½	1	2	1	0	0	-1	-½	1½						
	W	A	2	1	2	1½	1	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	3	3	3½	2½						
		B	5	6	5	5½	5	1	1	1	1	1	1	1	5	6	6	7	8	6	6	6	3	4	6	7						
		C	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1½	0	1						
		D	4	6	6	7	6	1	1	1	1	1	1	1	5	6	6	7	9	8	10	8	5	5½	9½	8½						
	D's	A	7	6	5	4½	2½	-3	-3	-1½	-4	-½	7½	12	17½	14½	11	8½	13	12	11	9	6	4½	9	10						
		E	-1	-3	-3	-3	-½	-4½	-5½	-5½	-4½	-1	7½	11	15½	10½	7	5	7	1	-2	-4	-9	-9	-2½	5						
		F	12	11	12	12½	17	18½	17½	16	19½	19½	20	19	18	16	15½	16½	14	9	7	7	5	6½	8½	15						
		G	12	11	12	12½	17	18½	17½	16	19½	19½	20	19	18	16	15½	16½	14	9	7	7	5	6½	8½	15						

Band	Zone	Index	Document No. 190										APP. B (p.20)										EQUINOX 12 (p.4)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
1 c/s	I	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\frac{1}{2}$	1	0	0	0	0	0	0	0	0	0					
		B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	1	0	0	0	0	0	0					
		C	0	0	0	0	0	1	1	1	1	1	1	1	$1\frac{1}{2}$	2	1	1	2	0	0	0	0	0	0	0	0					
		D	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	$-1\frac{1}{2}$	-2	$1\frac{1}{2}$	1	0	2	1	0	0	0	0	0	0					
	E	A	0	$\frac{1}{2}$	1	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1					
		B	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		C	3	3	5	2	$3\frac{1}{2}$	3	3	$3\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	5	$2\frac{1}{2}$	0	0	0	0	0	0	0	0	2	2	2	2					
		D	-3	$-2\frac{1}{2}$	-4	-2	$-2\frac{1}{2}$	-1	-1	$-2\frac{1}{2}$	$-\frac{1}{2}$	$-1\frac{1}{2}$	$-3\frac{1}{2}$	-5	$-2\frac{1}{2}$	0	1	1	0	0	0	0	0	-2	-2	-2	-1					
	W	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0					
		B	6	5	5	5	5	0	0	0	0	0	0	1	6	6	6	6	6	6	6	6	4	4	4	4	5					
		C	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	4	4	5	6	6	7	7	7	4					
		D	4	3	4	4	4	0	0	0	0	0	0	1	6	6	6	6	2	2	1	-2	-2	-3	-2	1	1					
	D's	A	1	$\frac{1}{2}$	0	2	$1\frac{1}{2}$	-2	-2	$-3\frac{1}{2}$	$-1\frac{1}{2}$	$-2\frac{1}{2}$	$-4\frac{1}{2}$	-5	2	4	$8\frac{1}{2}$	8	2	4	2	-2	-4	-5	-4	0	0					
		E	17	$16\frac{1}{2}$	18	18	21	-25	-23	-22	$-22\frac{1}{2}$	$-22\frac{1}{2}$	$-24\frac{1}{2}$	-23	$-17\frac{1}{2}$	-15	$-15\frac{1}{2}$	-15	-18	-18	-23	-24	-23	-23	-20	-18	-18					
		F	12	13	12	10	$7\frac{1}{2}$	7	9	$11\frac{1}{2}$	9	10	10	12	10	11	6	7	10	8	5	8	11	12	14	12	12					
		G	12	13	12	10	$7\frac{1}{2}$	7	9	$11\frac{1}{2}$	9	10	10	12	10	11	6	7	10	8	5	8	11	12	14	12	12					
	H	127	129	124	106	88	59	$59\frac{1}{2}$	65	61	$63\frac{1}{2}$	86	115	$170\frac{1}{2}$	$169\frac{1}{2}$	175	$172\frac{1}{2}$	174	$188\frac{1}{2}$	201	198	$184\frac{1}{2}$	$164\frac{1}{2}$	154	135	135						
	I	233	$225\frac{1}{2}$	$221\frac{1}{2}$	239	251	$261\frac{1}{2}$	$272\frac{1}{2}$	$271\frac{1}{2}$	272	271	$301\frac{1}{2}$	359	$380\frac{1}{2}$	394	380	365	$359\frac{1}{2}$	342	$323\frac{1}{2}$	$304\frac{1}{2}$	289	254	237	$241\frac{1}{2}$							

Band	Zone	Index	Document No. 190										APP. B (p. 21)										DECEMBER 12 (p.1)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
6 Mc/s	I	A	19½	26½	24	17	18	18	16½	18½	16	10½	12	13	16	19	27½	31½	32	35	33½	37	28½	23	19	21						
		B	11	13	14½	15	12½	18	20	17	6	1½	4½	8½	4½	8	13	13	23½	24½	30½	27	30½	17½	16	18½						
		C	2	1	½	1½	2	7	6½	5½	7½	5	6½	4	3	6	4½	4½	6	3½	2½	4	3	1½	1	5						
		D	28½	28½	38	30½	28½	29	30½	30	14½	7	10	17½	17½	21	36	40	49½	56	61½	60	56	39	34	34½						
	E	A	9½	7	7½	9½	4	3½	3	1½	4	4½	9½	13½	16½	19	22½	27½	22	11	3	5	9	8	15½	9½						
		B	3	6	2	2	2	2	2	2½	3	4	5	5	8	7½	5	5½	5½	6	5½	5	1	1	2½	2						
		C	5	2	1	1	2½	1	0	3½	7	8½	5½	3	1	3	1	4	3½	3½	3	1	0	1	4	7½						
		D	7½	11	8½	10½	3½	4½	5	½	0	0	9	16½	23½	23½	26	29	24	13½	5½	9	10	8	14	4						
	W	A	26	24	21	19½	17	7	5	3	2	3	5	11½	18½	10	9	9	8½	9	8	11½	15	21	24	27½						
		B	18	17	16	16	12	3	4	5	5	1	4	5	10	12	11	9	9	8	11	11	9	8	10	18						
		C	0	3	0	2	2	2½	0	0	1	0	0	1	1	1	2	2	0	0	0	1	2	2	2½	0						
		D	44	38	37	33½	27½	7½	9	8	6	4	9	15½	27½	21	18	16	17½	17	19	20½	22	27	31	45½						
	D's	A	80	77½	83½	74½	59½	41	44½	39	20½	11	28	49½	68½	65½	80	85	91	86½	86	89½	88	74	79½	84						
		E	31	35	41	26	30	17	21	17	9	5	10	14	15	13	17	19	21	20	20	22	25	24	30	32						
		F	62½	55½	51½	51½	49½	61	54	57½	56	58	69	90½	112	121½	119	115	104½	107	104	100	89	77½	56½	65½						
		G	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25					
7 Mc/s	I	A	8	5½	5	3½	5½	13	15	10	5	5	7	3½	8	12	14½	12	19½	23	29½	30	28	24	23	18						
		B	5	4½	9	12	11	9	7½	7½	12	12½	13	13	9	11	12	18½	20	18	22	29	29½	24½	14½	7½						
		C	0	2	3½	2½	8	9	5½	13	17½	16½	14	14½	12½	13	8½	4	5½	4½	3	1½	3	3	2	2						
		D	13	8	10½	13	8½	13	17	4½	½	1	6	2	4½	10	18½	26½	34	36½	48½	57½	54½	45½	35½	23½						
	E	A	6	3½	5½	7	5	4	7	7	7½	5	6½	7	8	9	12	13	5½	5	4	4	5	6	10½	10						
		B	1	1½	4	2	2	4	3	2	3½	4½	6	4	6	9	8	6½	0	1	2	5	7½	4	4	3						
		C	6	11½	7	7½	8	7	4½	5	8	5½	5½	5½	4	2	4½	4½	2	3	2	0	0	0	2	2						
		D	1	-6½	2½	1½	-1	1	5½	4	3	4	7	5½	10	16	15½	15	3½	3	4	9	12½	10	12½	2						
	W	A																														
		B																														
		C																														
		D																														
	D's	A	14	1½	13	14½	7½	14	22½	8½	2½	5	13	7½	14½	26	33½	41½	37½	39½	52½	66½	67	55½	48	21½						
		E	10	0	9	8	4	6	9	3	1	2	5	3	6	13	19	26	24	28	40	49	55	46	39	24						
		F	28	27½	30	36	41½	45	52	61½	61½	53½	52½	59	51½	40½	34½	31½	31	28	26	27	24½	24	25	28						
		G	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20					

Band	Zone	Index	Document No. 190										APP. B (p. 22)										DECEMBER 12 (p.2)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
9 Mc/s	I	A	7	7	4½	6	10½	8	7	6	4½	4½	7½	6½	8	10½	8	6½	9	11	13	17	15½	16½	14	10½						
		B	6	5	1½	4	4	6	5	3	3	7	12	20½	20	17	10	11	9	6½	7	9	5	3	8	9						
		C	2	1	1	2	5	8	11	8½	9	13	10½	11	10	8	8	9	6	5½	2½	1½	1	3	2	4						
		D	11	11	5	8	9½	6	1	½	-1½	-1½	9	16	18	19½	10	8½	12	12	17½	24½	19½	16½	20	15½						
	E	A	0	3	4½	3	6½	½	1	1	2½	2	3	3½	4½	4½	7	8	7	5	2	3	2	1	1	0						
		B	1	1	3	1	0	0	1	4½	6	5½	2	4	8	8	6	3	1	1½	4	6	4	3½	3½	2						
		C	4	5	1	3	4½	5	3½	3	4	3½	4½	6	7	2½	3	3	1	0	1	1	2	2	4½	7						
		D	-3	-1	6½	1	2	-4½	-1½	2½	4½	4	½	1½	5½	10	10	8	7	6½	5	8	4	2½	0	-5						
	W	A	4	3	4	4½	3	1½	0	0	0	1	3	1	0	0	2	2	3	1	3	4	6	8	4	6						
		B	14	15	15	15½	13	2	2	1	3	0	0	2	14	17	15	13	13	14	16	17	14	14	14	13						
		C	5	5	2½	3	5	3	1	1	1	1	4	3	5	2	3	2	3	2	2	3	1	1	1	2						
		D	13	13	16½	17	11	½	1	0	2	0	-1	0	9	15	14	13	13	13	17	18	19	21	17	17						
	D's	D's	21	23	28	26	22½	2	½	3	5	2½	8½	17½	32½	44½	34	29½	32	31½	39½	50½	42½	40	37	27½						
		E	10	11	13	12		1	0	1	2	1	3	6	10	14	10	10	11	11	15	20	17	19	17	15						
		F	55½	57	57	60½	67½	60½	61	59½	63	64	67½	78½	90½	84	87½	83	79½	75	72½	68	64½	57	47	49						
		G	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27						
11 Mc/s	I	A	2	2	1	2	2½	5	4	4	5	6	5	14	7	8	5	4½	4	5	5	5	2	2	1	0						
		B	1	0	0	1	1½	½	2	5	4	2	3½	2	2½	5	9	5½	5½	6	4	4	2	0	0	0						
		C	0	2	0	1	3	12½	11	8½	5	3	4	9	6	3	3	2½	2	3	3	2	1	0	0	0						
		D	3	0	1	2	1	-7	-5	½	4	5	4½	7	3½	10	11	7½	7½	8	6	7	3	2	1	0						
	E	A	0	1	1½	1	2	1½	3	4½	4½	1	2	7	3½	2½	2½	2½	4	3½	½	½	3	3	1	1						
		B	0	0	2½	1½	2	3	3	3	1	1	1	1	0	0	0	0	2	2½	2	0	0	0	1	0						
		C	6	5	7	8	3	3	3	3	3	4	3	3	2	3½	7	7½	3	3	2	1	½	0	0	3						
		D	-6	-4	-3	-5½	1	1½	3	4½	2½	-2	0	5	1½	-1	-4½	-5	3	3	½	-½	2½	3	2	-2						
	W	A	1½	2	2	2	0	0	0	0	0	0	0	1	0	0	2	1	3	4	5	3	4	7½	3	2½						
		B	7	8	8	7½	7	0	0	0	0	0	1	1	11	9	9	9	8	8	10	9	7½	7	7	7						
		C	6	5	7	7½	1	1	1	1	1	0	0	1	1	2	2	2	2	3	2½	3	2	3½	6	7						
		D	2½	5	3	2	6	-1	-1	-1	-1	0	1	1	10	7	9	8	9	9	12½	9	9½	11	4	2½						
	D's	D's	-½	1	1	-1½	8	-6½	-3	4	5½	3	5½	13	15	16	15½	10½	19½	20	19	15½	15	16	7	½						
		E	0	1	1	0	7	-5	-2	3	4	2	3	7	7	7	7	5	10	10	12	11	15	9	3	1						
		F	36	37	38	42½	32	34½	36½	35½	38½	44	54½	54	62	62½	64	56½	56	54	43	38	29	21	24	34						
		G	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	21	24	28						

			Document No. 190										APP. B (p. 23)					DECEMBER 12 (p.3)									
Band	Zone	Index	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
15 Mc/s	I	A	2	2	1	3	2	5	3	5	8	8	5	4	6 $\frac{1}{2}$	5	1	1	0	2	3	4	1 $\frac{1}{2}$	1	1	0	
		B	0	0	0	0	0	1	7	4	7 $\frac{1}{2}$	8	10	8	3 $\frac{1}{2}$	4 $\frac{1}{2}$	4	4	4	5 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{1}{2}$	0	0	0	0	
		C	0	0	0	1	3 $\frac{1}{2}$	2	3	4	5 $\frac{1}{2}$	9	9	5	6	8 $\frac{1}{2}$	7	2	$\frac{1}{2}$	3	1	0	1	0	1	1	
		D	2	2	1	2	-1 $\frac{1}{2}$	4	7	5	10	7	6	7	4	1	-2	3	3 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$	4 $\frac{1}{2}$	$\frac{1}{2}$	1	0	-1	
	E	A	4	4	1 $\frac{1}{2}$	3	2 $\frac{1}{2}$	3	2	2	2 $\frac{1}{2}$	3	2 $\frac{1}{2}$	2	0	2	3	3	2	1	2	$\frac{1}{2}$	1	$\frac{1}{2}$	1 $\frac{1}{2}$	3	
		B	0	0	0	1	1	2 $\frac{1}{2}$	3	2 $\frac{1}{2}$	4	3	3	1	2	2	2	2	1	2	0	$\frac{1}{2}$	$\frac{1}{2}$	0	0	0	
		C	1	1	3	4	3 $\frac{1}{2}$	2	5 $\frac{1}{2}$	5	2	4	1	0	0	0	0	$\frac{1}{2}$	0	0	0	0	0	0	1	0	
		D	3	3	-1 $\frac{1}{2}$	0	0	3 $\frac{1}{2}$	- $\frac{1}{2}$	- $\frac{1}{2}$	4 $\frac{1}{2}$	2	4 $\frac{1}{2}$	3	2	4	5	4 $\frac{1}{2}$	3	3	2	1	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	3	
	W	A	2 $\frac{1}{2}$	3	3	1	1	1	0	0	0	0	0	1	3	2	1	0	0	0	1	2	3	2	3	6	
		B	7	7	7	7	5	0	0	0	0	0	0	0	6	6	5	7	6 $\frac{1}{2}$	7	7	5	7	8	7	5	
		C	2	2	3	0	0	0	0	0	0	0	0	1	2	2	5	5	4	3	5	3	3	4	4	3	
		D	7 $\frac{1}{2}$	8	7	8	6	1	0	0	0	0	0	0	7	6	1	2	2 $\frac{1}{2}$	4	3	4	7	6	6	8	
	D's	A	12 $\frac{1}{2}$	13	6 $\frac{1}{2}$	10	4 $\frac{1}{2}$	8 $\frac{1}{2}$	6 $\frac{1}{2}$	4 $\frac{1}{2}$	14 $\frac{1}{2}$	9	10 $\frac{1}{2}$	10	13	11	4	9 $\frac{1}{2}$	9	11 $\frac{1}{2}$	10 $\frac{1}{2}$	9 $\frac{1}{2}$	9	7 $\frac{1}{2}$	6 $\frac{1}{2}$	10	
		E	-7 $\frac{1}{2}$	-8	-17 $\frac{1}{2}$	-16 $\frac{1}{2}$	-15 $\frac{1}{2}$	-2 $\frac{1}{2}$	0	4	13	9	10 $\frac{1}{2}$	10	13	11	2 $\frac{1}{2}$	8	2 $\frac{1}{2}$	-3 $\frac{1}{2}$	-9	-15 $\frac{1}{2}$	-17	-16 $\frac{1}{2}$	-17 $\frac{1}{2}$	-9 $\frac{1}{2}$	
		F	15	14	11	8 $\frac{1}{2}$	15 $\frac{1}{2}$	24	28 $\frac{1}{2}$	34 $\frac{1}{2}$	33 $\frac{1}{2}$	35	35	35	35	35	33 $\frac{1}{2}$	28 $\frac{1}{2}$	23 $\frac{1}{2}$	20	15 $\frac{1}{2}$	10	9	11	11	1 $\frac{1}{2}$	
		G	15	14	11	8 $\frac{1}{2}$	15 $\frac{1}{2}$	24	28 $\frac{1}{2}$	34 $\frac{1}{2}$	33 $\frac{1}{2}$	35	35	35	35	35	33 $\frac{1}{2}$	28 $\frac{1}{2}$	23 $\frac{1}{2}$	20	15 $\frac{1}{2}$	10	9	11	11	1 $\frac{1}{2}$	
17 Mc/s	I	A	0	0	0	0	0	0	0	1	2	5	5	7	7	5	2	1	0	0	0	0	0	0	0	0	
		B	0	0	0	0	0	2	3	3 $\frac{1}{2}$	3 $\frac{1}{2}$	5	5	8	7	5	2	1 $\frac{1}{2}$	2	2	0	1	0	0	0	0	
		C	0	0	0	0	1	1	0	$\frac{1}{2}$	1	2	0	1	2	1	3	4	1	2	2	1	$\frac{1}{2}$	0	0	0	
		D	0	0	0	0	-1	1	3	4	4 $\frac{1}{2}$	8	10	14	12	9	1	-1 $\frac{1}{2}$	1	0	-2	0	- $\frac{1}{2}$	0	0	0	
	E	A	0	3	2	3	0	0	1 $\frac{1}{2}$	0	1 $\frac{1}{2}$	$\frac{1}{2}$	2	3 $\frac{1}{2}$	4 $\frac{1}{2}$	2 $\frac{1}{2}$	1	0	0	$\frac{1}{2}$	1	0	0	0	0	0	
		B	3	2	1	0	3	1	1	1	1	1	2	1	1 $\frac{1}{2}$	1	1	0	0	0	0	0	0	1	3		
		C	3	5	4 $\frac{1}{2}$	5 $\frac{1}{2}$	8	6 $\frac{1}{2}$	5 $\frac{1}{2}$	2	4	4	4 $\frac{1}{2}$	2	1	1	1	1	1	0	0	0	0	0	2	2	
		D	0	0	-1 $\frac{1}{2}$	-2 $\frac{1}{2}$	-5	-5 $\frac{1}{2}$	-3	-1	-1 $\frac{1}{2}$	-2 $\frac{1}{2}$	- $\frac{1}{2}$	2 $\frac{1}{2}$	5	2 $\frac{1}{2}$	1	-1	-1	$\frac{1}{2}$	1	0	0	0	-1	0	
	W	A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	2	1	1 $\frac{1}{2}$	1	2	
		B	5	5	4	4	4	2	1	1	1	1	2	2	5	5	6	7	8	8	5	4	3	3	5	7	
		C	1 $\frac{1}{2}$	1	1	$\frac{1}{2}$	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	3	3 $\frac{1}{2}$	
		D	4 $\frac{1}{2}$	4	3	3 $\frac{1}{2}$	4	2	1	1	1	1	2	2	5	5	7	8	10	8	4	4	2	3 $\frac{1}{2}$	3	5 $\frac{1}{2}$	
	D's	A	4 $\frac{1}{2}$	4	1 $\frac{1}{2}$	1	-2	-2 $\frac{1}{2}$	1	4	4	6 $\frac{1}{2}$	11 $\frac{1}{2}$	18 $\frac{1}{2}$	22	16 $\frac{1}{2}$	9	5 $\frac{1}{2}$	10	8 $\frac{1}{2}$	3	4	1 $\frac{1}{2}$	3 $\frac{1}{2}$	2	5 $\frac{1}{2}$	
		E	-10	-9	-11	-9 $\frac{1}{2}$	-7 $\frac{1}{2}$	-7 $\frac{1}{2}$	-4	- $\frac{1}{2}$	$\frac{1}{2}$	5 $\frac{1}{2}$	9 $\frac{1}{2}$	14 $\frac{1}{2}$	15 $\frac{1}{2}$	9 $\frac{1}{2}$	11 $\frac{1}{2}$	8	- $\frac{1}{2}$	-5	-10	-9	-13	-11	-8	-5	
		F	5 $\frac{1}{2}$	7	7 $\frac{1}{2}$	9 $\frac{1}{2}$	14 $\frac{1}{2}$	15	15	15 $\frac{1}{2}$	16 $\frac{1}{2}$	19	18	16	13 $\frac{1}{2}$	13 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	9 $\frac{1}{2}$	6 $\frac{1}{2}$	7	7	5 $\frac{1}{2}$	5 $\frac{1}{2}$	10	9 $\frac{1}{2}$	
		G	5 $\frac{1}{2}$	7	7 $\frac{1}{2}$	9 $\frac{1}{2}$	14 $\frac{1}{2}$	15	15	15 $\frac{1}{2}$	16 $\frac{1}{2}$	19	18	16	13 $\frac{1}{2}$	13 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	9 $\frac{1}{2}$	6 $\frac{1}{2}$	7	7	5 $\frac{1}{2}$	5 $\frac{1}{2}$	10	9 $\frac{1}{2}$	

Band	Zone	Index	Document No. 190										APP. B (p. 24)										DECEMBER 12 (p.4)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
21 Mc/s	I	A	0	0	0	0	0	0	1	1	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0					
		B	0	0	0	0	0	0	0	0	1	2	3	4	1	0	1	1	1	2	2	2	0	0	0	0	0					
		C	0	0	0	0	0	0	$\frac{1}{2}$	1	1	1	2	4	$3\frac{1}{2}$	3	1	1	0	0	1	0	0	0	0	0	0					
		D	0	0	0	0	0	0	$\frac{1}{2}$	0	2	4	2	1	$-2\frac{1}{2}$	-3	0	0	1	2	1	2	0	0	0	0	0					
	E	A	1	1	1	1	1	1	1	0	1	$\frac{1}{2}$	2	2	3	2	0	0	0	1	1	0	0	0	0	0	0					
		B	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		C	2	3	5	4	5	3	$3\frac{1}{2}$	3	$1\frac{1}{2}$	2	$\frac{1}{2}$	2	0	0	0	0	0	0	0	0	0	0	0	0	0					
		D	-1	-2	-4	-3	-4	-1	$-1\frac{1}{2}$	-2	$\frac{1}{2}$	$-\frac{1}{2}$	$1\frac{1}{2}$	0	3	2	0	0	0	1	1	0	0	0	0	0	-1					
	W	A	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1	1	1	1					
		B	6	5	5	5	5	0	0	0	0	0	0	0	5	7	8	7	6	6	6	5	5	4	4	5	5					
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	2	3	3	2	2	1	1					
		D	6	5	5	5	5	0	0	0	0	0	0	1	5	7	6	5	4	3	4	3	3	3	3	3	5					
	D's	A	5	3	1	2	1	-1	-1	-2	$2\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{1}{2}$	2	$5\frac{1}{2}$	6	6	5	5	6	6	5	3	3	3	3	4					
		B	-15	-16	-16	-15	-16	-18	$-20\frac{1}{2}$	-21	-15	$-12\frac{1}{2}$	$-6\frac{1}{2}$	$-11\frac{1}{2}$	$-9\frac{1}{2}$	-8	-16	-17	$-17\frac{1}{2}$	-17	-18	-18	-20	-21	-21	-20	-20					
		C	10	11	13	13	13	13	$10\frac{1}{2}$	13	$12\frac{1}{2}$	$14\frac{1}{2}$	20	$16\frac{1}{2}$	$15\frac{1}{2}$	16	8	8	$7\frac{1}{2}$	7	6	7	7	6	6	6	6					
		D	10	11	13	13	13	13	$10\frac{1}{2}$	13	$12\frac{1}{2}$	$14\frac{1}{2}$	20	$16\frac{1}{2}$	$15\frac{1}{2}$	16	8	8	$7\frac{1}{2}$	7	6	7	7	6	6	6	6					
	H	$136\frac{1}{2}$	123	$134\frac{1}{2}$	$126\frac{1}{2}$	101	$55\frac{1}{2}$	71	61	$54\frac{1}{2}$	$40\frac{1}{2}$	$80\frac{1}{2}$	118	171	$185\frac{1}{2}$	$182\frac{1}{2}$	$186\frac{1}{2}$	204	$203\frac{1}{2}$	$216\frac{1}{2}$	$240\frac{1}{2}$	226	$199\frac{1}{2}$	183	165							
	I	$212\frac{1}{2}$	209	208	$221\frac{1}{2}$	$233\frac{1}{2}$	253	$257\frac{1}{2}$	27	$281\frac{1}{2}$	288	$316\frac{1}{2}$	$349\frac{1}{2}$	380	373	359	335	$311\frac{1}{2}$	$297\frac{1}{2}$	274	257	$228\frac{1}{2}$	202	$189\frac{1}{2}$	$207\frac{1}{2}$							

Band	Zone	Index	Document No. 190										APP. B (p. 24)										DECEMBER 12 (p.4)									
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
21 q/s	I	A	0	0	0	0	0	0	1	1	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0					
		B	0	0	0	0	0	0	0	0	1	2	3	4	1	0	1	1	1	2	2	2	0	0	0	0	0					
		C	0	0	0	0	0	0	$\frac{1}{2}$	1	1	1	2	4	$3\frac{1}{2}$	3	1	1	0	0	1	0	0	0	0	0	0					
		D	0	0	0	0	0	0	$\frac{1}{2}$	0	2	4	2	1	$-2\frac{1}{2}$	-3	0	0	1	2	1	2	0	0	0	0	0					
	E	A	1	1	1	1	1	1	1	0	1	$\frac{1}{2}$	2	2	3	2	0	0	0	1	1	0	0	0	0	0	0					
		B	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		C	2	3	5	4	5	3	$3\frac{1}{2}$	3	$1\frac{1}{2}$	2	$\frac{1}{2}$	2	0	0	0	0	0	0	0	0	0	0	0	0	0					
		D	-1	-2	-4	-3	-4	-1	$-1\frac{1}{2}$	-2	$\frac{1}{2}$	$-\frac{1}{2}$	$1\frac{1}{2}$	0	3	2	0	0	0	1	1	0	0	0	0	0	-1					
	W	A	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1	1	1	1					
		B	6	5	5	5	5	0	0	0	0	0	0	0	5	7	8	7	6	6	6	5	5	4	4	5	5					
		C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	2	3	3	2	2	1	1					
		D	6	5	5	5	5	0	0	0	0	0	0	1	5	7	6	5	4	3	4	3	3	3	3	5	5					
	D's	A	5	3	1	2	1	-1	-1	-2	$2\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{1}{2}$	2	$5\frac{1}{2}$	6	6	5	5	6	6	5	3	3	3	4	4					
		B	-15	-16	-16	-15	-16	-18	$-20\frac{1}{2}$	-21	-15	$-12\frac{1}{2}$	$-6\frac{1}{2}$	$-11\frac{1}{2}$	$-9\frac{1}{2}$	-8	-16	-17	$-17\frac{1}{2}$	-17	-18	-18	-20	-21	-21	-20	-20					
		C	10	11	13	13	13	13	$10\frac{1}{2}$	13	$12\frac{1}{2}$	$14\frac{1}{2}$	20	$16\frac{1}{2}$	$15\frac{1}{2}$	16	8	8	$7\frac{1}{2}$	7	6	7	7	6	6	6	6					
		D	10	11	13	13	13	13	$10\frac{1}{2}$	13	$12\frac{1}{2}$	$14\frac{1}{2}$	20	$16\frac{1}{2}$	$15\frac{1}{2}$	16	8	8	$7\frac{1}{2}$	7	6	7	7	6	6	6	6					
	H	$136\frac{1}{2}$	123	$134\frac{1}{2}$	$126\frac{1}{2}$	101	$55\frac{1}{2}$	71	61	$54\frac{1}{2}$	$40\frac{1}{2}$	$80\frac{1}{2}$	118	171	$185\frac{1}{2}$	$182\frac{1}{2}$	$186\frac{1}{2}$	204	$203\frac{1}{2}$	$216\frac{1}{2}$	$240\frac{1}{2}$	226	$199\frac{1}{2}$	183	165							
	I	$212\frac{1}{2}$	209	208	$221\frac{1}{2}$	$233\frac{1}{2}$	253	$257\frac{1}{2}$	27	$281\frac{1}{2}$	288	$316\frac{1}{2}$	$349\frac{1}{2}$	380	373	359	335	$311\frac{1}{2}$	$297\frac{1}{2}$	274	257	$228\frac{1}{2}$	202	$189\frac{1}{2}$	$207\frac{1}{2}$							

Conférence internationale
de Radiodiffusion à Hautes Fréquences

Firenze/Rapallo - 1950

App. C (rev.) Document
N° 190 E-F-S

Corrigendum N° 1

31 mai 1950

COMMISSION 4

RAPPORT DU SOUS-GROUPE 4 A 1

REPORT BY SUB-GROUP 4 A 1

INFORME DEL SUBGRUPO 4 A 1

Appendice C - révisé

Appendix C, - revised

Apéndice C - revisado

- II - Pays qui acceptent les plans de Paris avec de légères modifications, mais qui ne demandent pas d'assignations supplémentaires
- Countries which accept the Paris plans with minor modifications, but do not request additional assignments
- Países que aceptan los planes de París si bien con algunas modificaciones, y que no solicitan asignaciones suplementarias

Remplacer - For - Sustitúyase

Islande (sauf Déc. 12)

par - read - por

Islande (seulement Déc. 12)

Firenze/Rapallo - 1950

COMMISSION 4

RAPPORT DU SOUS GROUPE 4A-1

REPORT BY SUB-GROUP 4A-1

INFORME DEL SUBGRUPO 4A-1

Appendice C - revisé.

Appendix C - revised

Apéndice C - revisado

STATISTIQUES - STATISTICS - ESTADISTICAS

- I - Pays qui acceptent les plans de Paris sans modifications
- Countries which accept the Paris plans without modifications
- Países que aceptan los planes de París sin modificación alguna

Autriche (sauf Eq. 12)
Rép. Dominicaine (seulement Eq. 12 et Eq. 40)
Finlande (seulement Eq. 12 et Eq. 40)
Islande (sauf Déc. 12)

- II - Pays qui acceptent les plans de Paris avec de légères modifications, mais
qui ne demandent pas d'assignations supplémentaires
- Countries which accept the Paris plans with minor modifications, but do not
request additional assignments
- Países que aceptan los planes de París si bien con algunas modificaciones,
y que no solicitan asignaciones suplementarias

Australie (sauf Juin 12)
Islande (sauf Déc. 12)
Rhodésie du Sud
Suisse
Turquie (seulement Déc. 12 et Déc. 40)

- III - Pays qui demandent des assignations en plus de celles qui figurent dans les plans de Paris, de façon à conserver celles qui leur étaient attribuées dans le Plan de base
- Countries which request additional assignments to those in the Paris plans, in order to restore assignments existing in the Basic Plan
- Países que solicitan asignaciones independientemente de las que figuran en los planes de París, en tales términos que les permitan conservar las que les fueron atribuidas en el Plan Básico.

a) Adjonctions peu importantes - Minor additions - Adjunciones poco importantes

Canada (sauf Déc. 12 et Déc. 40)
Cité du Vatican
Rép. Dominicaine (seulement Juin 12 et Juin 40, Déc. 12 et Déc. 40)
Egypte (sauf Déc. 40)
Finlande (seulement Juin 12 et Juin 40)
Irlande
Japon (seulement Eq. 40)
Mexique
Monaco
Nations Unies
Suède
Syrie (seulement Juin 12 et Eq. 12)
Turquie (seulement Déc. 12 et Déc. 40)
Uruguay
Vénézuéla

b) Restitution de toutes, ou presque toutes les assignations du Plan de base
Restoration of all, or almost all the Basic plan assignments
Restitución de todas, o casi todas las asignaciones del Plan Básico

Arabie Saoudite	Equateur
Belgique	Liberia
Bolivie (sauf Déc. 12)	Mongolie
Brésil	Panama
Chine	Paraguay
Colonies Portugaises	Pérou
Costa Rica	Thaïlande
Cuba (sauf Juin 12)	

- IV - Pays qui demandent des assignations en plus de celles qui figurent dans les plans de Paris, ainsi que des modifications au Plan de base, sans que cela conduise à dépasser le total des heures-fréquences qui leur sont assignées dans le Plan de base
- Countries which request additional assignments to those in the Paris plans, and also modifications to the Basic plan, without exceeding the total assigned in the Basic plan
- Países que solicitan asignaciones independientemente de las que figuran en los planes de París, como asimismo determinadas modificaciones al Plan Básico, sin que con ello se rebase el total de frecuencias-hora que les han sido atribuidas en ese plan.

Afghanistan
Argentine (sauf Déc. 40)
Australie (seulement Juin 12)
Autriche (seulement Eq. 12)
Canada (seulement Déc. 40)
Ceylan (seulement Juin 12, Eq. 12 et Déc. 12)
Colombie (seulement Eq. 40 et Déc. 40)
Congo Belge
Danemark (seulement Eq. 40, Déc. 12 et Déc. 40)
Finlande (seulement Déc. 12 et Déc. 40)
France
Hongrie
Inde
Indonésie
Iran
Italie (seulement Juin 12, Déc. 12, Déc. 40 et Eq. 12)
Japon (seulement Juin 12, Eq. 12, Déc. 12 et Déc. 40)
Norvège (sauf Juin 40)
Nouvelle Zélande
Pakistan
Maroc et Tunisie
Yougoslavie (seulement Eq. 12, Déc. 12 et Déc. 40)
Syrie (sauf Juin 12, Eq. 12)

- V - Pays qui demandent des assignations en plus de celles qui figurent au Plan de base
- Countries which request assignments in excess of those made in the Basic Plan
- Países que solicitan asignaciones, independientemente de las que figuran en el Plan Básico
- a) - Cas où les demandes supplémentaires dépassent le total figurant au Plan de base de moins de 15 %
- When the additional requirements do not exceed the Basic Plan total by more than 15 %
- Casos en que las solicitudes suplementarias rebasan en menos del 15 % el total que figura en el Plan Básico

Argentine (seulement Déc. 40) (2 %)
Bolivie (Déc. 12) (1 %)
Bulgarie (8 %)
Canada (seulement Déc. 12) (1 %)
Ceylan (seulement Juin 40, Eq. 40, Déc. 40) (10 %)
Colombie (sauf Eq. 40, Déc. 40) (8 %)
Colonies du Royaume-Uni (3 %)

France d'Outre-mer (4%)
Cuba (seulement Juin 12) (4%)
Danemark (seulement Juin 12, Juin 40, Eq. 12) (5%)
Egypte (seulement Déc. 40) (4%)
Irak (9%)
Italie (seulement Juin 40, Eq. 40) (3%)
Japon (seulement Juin 40) (1%)
Luxembourg (4%)
Nicaragua (11%)
Norvège (seulement Juin 40) (5%)
Pologne (13%)
Portugal (8%) (6 heures $\frac{1}{2}$)
Yougoslavie (seulement Juin 12, Juin 40, Eq. 40) (6%)
Royaume-Uni (5%)
Union de l'Afrique du Sud (1%)

- b) - Cas où les demandes supplémentaires dépassent le total figurant au Plan de base de plus de 15%
- When the additional requirements exceed the Basic Plan total by more than 15%
 - Casos en que las solicitudes suplementarias rebasan en más del 15% el Plan básico

Albanie (39%)
Allemagne - Zone américaine (520%)
- " britannique (730%)
- " française (790%)
Andorre (750%)
Biélorussie (160%)
Birmanie (18%)
Chili (35%)
El Salvador (71%)
Espagne (65%)
Etats-Unis d'Amérique (38%)
Ethiopie (130%)
Grèce (730%)
Guatemala (868%)
Haïti (108%)
Honduras (30%)
Liban (300%)
Pays-Bas (50%)
Philippines (120%)
Ukraine (100%)
Roumanie (29%)
Tanger - U.S.A. (230%)
Tchécoslovaquie (25%)
Territoires des Etats-Unis (200%)
U.R.S.S. (27%)

- VI - Pays et territoires qui n'ont pas reçu d'assignments dans le Plan de base, mais qui ont présenté des demandes à la Conférence
- Countries and territories for which no assignments are made in the Basic Plan, but have submitted requirements to this Conference
- Países y territorios a los que no se ha concedido asignación alguna en el Plan básico pero que han presentado solicitudes a la Conferencia

Israël
Jordanie
Palestine (Zone égyptienne)
" (Zone jordanienne)
" (Zone syrienne)
Somalie italienne
Yémen

APPENDICE C - APPENDIX C - APENDICE C

STATISTIQUES - STATISTICS - ESTADISTICAS

- I - Pays qui acceptent les plans de Paris sans modifications
- Countries which accept the Paris plans without modifications
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Autriche (sauf Eq. 12)
Rép. Dominicaine (seulement Eq. 12 et Eq. 40)
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Australie (sauf Juin 12)
Rhodésie du Sud
Suisse
Turquie (seulement Déc. 12 et Déc. 40)

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a) Adjonctions peu importantes - Minor additions - Adunciones poco importantes

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Finlande (seulement Juin 12 et Juin 40)
Irlande
Japon (seulement Eq. 40)
Mexique
Monaco
Nations Unies
Suède
Syrie (seulement Juin 12 et Juin 40)
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- b) - Restitution de toutes, ou presque toutes les assignations du Plan de base
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Chine
Colonies Portugaises
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Cuba (sauf Juin 12)
Equateur
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Mongolie
Panama
Paraguay
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- IV - Pays qui demandent des assignations en plus de celles qui figurent dans les plans de Paris, ainsi que des modifications au Plan de base, sans que cela conduise à dépasser le total des heures-fréquences qui leur sont assignées dans le Plan de base.
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Australie (seulement Juin 12)
Autriche (seulement Eq. 12)
Canada (seulement Déc. 12 et Déc. 40)
Ceylan (seulement Juin 12, Eq. 12 et Déc. 12)
Colombie (seulement Eq. 40 et Déc. 40)
France d'Outre-mer (seulement Juin 12, Déc. 12 et Déc. 40)
Congo Belge
Danemark (seulement Eq. 40, Déc. 12 et Déc. 40)
Finlande (seulement Déc. 12 et Déc. 40)
France
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Inde (seulement Juin 12, Juin 40, Eq. 12, Déc. 12 et Déc. 40)
Indonésie
Iran
Italie (seulement Juin 12, Déc. 12, Déc. 40 et Eq. 12)
Japon (seulement Juin 12, Eq. 12, Déc. 12 et Déc. 40)
Norvège (sauf Juin 40)
Nouvelle Zélande
Pakistan
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Syrie (seulement Déc. 12, Déc. 40, Eq. 12 et Eq. 40)

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Israël
Jordanie
Palestine (Zone égyptienne)
Palestine (Zone jordanienne)
Palestine (Zone syrienne)
Somalie italienne
Yémen

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Afghanistan	0	5	2	2	6	6	2	2	1	1	0	0	0	0	11	16	39 $\frac{1}{2}$
Albania (PR)	5	6	0	0	6	4	7	7	3	6	0	6	0	0	21	29	21 $\frac{1}{2}$
Germany (Am.Zone)	10	12	0	0	0	20	0	16	0	14	0	0	0	0	10	62	10
Germany (Br.Zone)	7	12	0	20	0	26	-	-	-	-	-	-	-	-	7	58	7
Germany (Fr.Zone)	6 $\frac{1}{2}$	12	0	20	0	26	-	-	-	-	-	-	-	-	6 $\frac{1}{2}$	58	6 $\frac{1}{2}$
Andorra	1	8 $\frac{1}{2}$	0	0	-	-	-	-	-	-	-	-	-	-	1	8 $\frac{1}{2}$	1
Saudi Arabia	16	16	-	-	-	-	5	5	-	-	-	-	-	-	21	21	21
Argentine Rep.	86	86	0	0	69	60 $\frac{1}{2}$	31	28	14	17	8	15	0	1	208	207 $\frac{1}{2}$	217
Australia	68 $\frac{1}{2}$	68 $\frac{1}{2}$	25	25	35 $\frac{1}{2}$	33	26 $\frac{1}{2}$	27	13 $\frac{1}{2}$	13	7	7	19	18	195	191 $\frac{1}{2}$	200 $\frac{1}{2}$
Austria	12	12	8	8	7	7	4 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	0	0	0	0	35	35	35 $\frac{1}{2}$
Belgium	0	0	6	8	12 $\frac{1}{2}$	14	17	7	4	8	2	6	0	0	41 $\frac{1}{2}$	43	43
Bielorussia (SSR)	0	24	7	14	15 $\frac{1}{2}$	25	13 $\frac{1}{2}$	69	11	16	3	0	1 $\frac{1}{2}$	0	51 $\frac{1}{2}$	148	54
Burma	15	27	3	3	8 $\frac{1}{2}$	8 $\frac{1}{2}$	15 $\frac{1}{2}$	15 $\frac{1}{2}$	9 $\frac{1}{2}$	11 $\frac{1}{2}$	5	5 $\frac{1}{2}$	8 $\frac{1}{2}$	8 $\frac{1}{2}$	65	79 $\frac{1}{2}$	67 $\frac{1}{2}$
Bolivia	43	43	0	0	12	12	17	18	3 $\frac{1}{2}$	4	1	0	0	0	76 $\frac{1}{2}$	78	78
Brazil	88	88	0	0	63 $\frac{1}{2}$	63 $\frac{1}{2}$	42 $\frac{1}{2}$	42 $\frac{1}{2}$	20	24	4	5	4	4	222	227	227
Bulgaria (PR)	13	18	7	11	9	5	5	7	2	0	1	0	0	0	38	41	39
Canada	92 $\frac{1}{2}$	92 $\frac{1}{2}$	0	0	34 $\frac{1}{2}$	36 $\frac{1}{2}$	39 $\frac{1}{2}$	38 $\frac{1}{2}$	15	22	4	2	0	0	185 $\frac{1}{2}$	191 $\frac{1}{2}$	191 $\frac{1}{2}$
Ceylon	0	11	5	0	7 $\frac{1}{2}$	12	21	23 $\frac{1}{2}$	3 $\frac{1}{2}$	5	0	1 $\frac{1}{2}$	12 $\frac{1}{2}$	5 $\frac{1}{2}$	49 $\frac{1}{2}$	58 $\frac{1}{2}$	51 $\frac{1}{2}$
Chile	63	71	0	0	33	46	38 $\frac{1}{2}$	42 $\frac{1}{2}$	6	23 $\frac{1}{2}$	6	14 $\frac{1}{2}$	0	0	146 $\frac{1}{2}$	197 $\frac{1}{2}$	152 $\frac{1}{2}$
China	18 $\frac{1}{2}$	18 $\frac{1}{2}$	35 $\frac{1}{2}$	35 $\frac{1}{2}$	43	43	55 $\frac{1}{2}$	58 $\frac{1}{2}$	29	32	11 $\frac{1}{2}$	15	33	33	226	235 $\frac{1}{2}$	235 $\frac{1}{2}$
Vatican City	14	14	9	9	11	11	10	11	4 $\frac{1}{2}$	5	2	3	1	1	51 $\frac{1}{2}$	54	53
Colombia	24	34	-	-	32	33	12 $\frac{1}{2}$	11	10	10	2	3 $\frac{1}{2}$	7	4	87 $\frac{1}{2}$	95 $\frac{1}{2}$	82 $\frac{1}{2}$
Portuguese Col.	41 $\frac{1}{2}$	41 $\frac{1}{2}$	69	69	50	50	7	10 $\frac{1}{2}$	11 $\frac{1}{2}$	12 $\frac{1}{2}$	8	10	16	16	203	209 $\frac{1}{2}$	209 $\frac{1}{2}$
U.F. Colonies	97	114	129	133	66	65 $\frac{1}{2}$	18	9	1	0	0	0	4	0	315 $\frac{1}{2}$	321 $\frac{1}{2}$	317 $\frac{1}{2}$
French OS Terr.	147	145	72	72 $\frac{1}{2}$	65 $\frac{1}{2}$	72	38	44	26 $\frac{1}{2}$	32	11 $\frac{1}{2}$	8	10 $\frac{1}{2}$	8 $\frac{1}{2}$	371	382	379 $\frac{1}{2}$

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Belgian Congo	27	26½	29	29	19	22½	14	11½	0	0	7	8	0	0	96	97½	97½
Costa Rica	18	18	0	0	16	16	-	-	-	-	-	-	-	-	34	34	34
Cuba	46	46	0	0	46	41	21	28	11	12	2	2	3	3	129	132	132
Denmark	3	3	0	1	6	6	6	6	2	3	1	0	0	0	18	19	18
Dominican Rep.	36	36	0	0	10	10	11	12	0	0	0	0	0	0	57	58	58
Egypt	6	6	7	11	11	7	11½	12	9	8	8½	11½	0	0	53	55½	55½
El Salvador	34	49	0	0	18	30	8	12½	1	1	0	18	0	0	61½	110½	64½
Ecuador	38	38	0	0	12	12	6	6	7	8	6	8	1	0	70	72	72
Spain	7	12	13½	15½	12½	15	8½	13	2	11	1	8	2	3	46½	78	47
U.S.A.	0	0	0	0	34	46	37	49	71½	122½	48	60	0	9	190½	286½	201
Ethiopia	9½	18	5	18	14	21	16	26½	3	13	2½	17	4	11	54	124½	55½
Finland	11½	11½	0	0	7	7	5½	6	4	4	2½	3	3	3	33½	34½	34½
France	69	62	7	9	48	39	52	64	42½	38½	17½	28	0	0	236	241	247½
Greece	0	6	1	11	3	11	1	10	1	6	0	2	0	2	6	48	6
Guatemala	44	189	0	0	19	204	0	119	3	68	2	51	5	85	73	716	74
Haiti	13	21	0	0	7	9	0	3	0	0	0	3	3	3	23	39	23
Honduras	22	22	0	0	3	4	0	4	0	4	0	0	0	0	25	34	26
Hungary (PR)	15	9	1	4	3	3	10½	11	3	3	0	0	0	0	32½	30	33
India	37½	63	68	58½	81	75	54½	59	36	50	47	37	32	24	356	366½	367½
Indonesia	76½	72	57	56	41	40	17	13½	11	3	1	0	1½	0	205	184½	208
Iran	8½	16	9½	0	10½	16	7	0	3	16	4½	0	4	0	47	48	48
Iraq	5	0	11	4	13½	8	2	12	0	8	0	5	6	4	37½	41	37½
Ireland	4	4	0	0	4½	4	4	3	3	3	2	2	0	0	17½	16	18
Iceland	0	0	0	0	2	2	0	0	2	2	0	0	2	2	6	6	6
Israel	0	10	0	0	0	7	0	19	0	11½	0	4½	0	0	0	52	0

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Italy	14	14	13	13	24½	26	12	12	7½	7½	10½	21½	7	0	88½	94	92½
Italian Somaliland	0	11	0	8	0	3	0	3	0	4	0	0	0	0	0	29	0
Japan	31	31½	32	32	8	8	4	5½	8	8	3½	3	1	1	87½	89	88½
Jordan	0	3	0	8	0	11	0	2	0	4	0	0	0	0	0	28	0
Lebanon	6	7	0	7	2	0	0	10	1	7	0	5	0	0	9	36	9
Liberia	0	0	0	0	0	0	7	7	6	6	5½	6	0	0	18½	19	19
Luxembourg	5	3	9	12	0	0	3	3	3	4½	1½	0	0	0	21½	22½	21½
Mexico	51½	51½	0	0	62½	64	29	31	13½	13½	15½	15½	0	0	172	175½	178
Monaco	17	17	0	0	8	8	1	1	0	0	0	0	0	0	26	26	26
Mongolia (PR)	46	46	11	11	13½	13½	6	6	3	3	0	0	0	0	79½	79½	79½
UNO	13	13	0	0	7½	7½	16½	16½	21	21	2	2	0	0	60	60	63
Nicaragua	59½	62½	0	0	17	17	14	15	0	11	0	0	0	0	90½	105½	90½
Norway	8	8	8	8	18½	19½	8½	8½	11	11	3	5	4	7	61	67	63½
New Zealand	8	14	0	0	11	12	6	5	7	5	11	9	0	0	43	45	45
Pakistan	5	21	54	49½	22	16½	19½	22	17	14½	10	16½	9	0	136½	140	141
Palestine (Eg.Z.)	0	0	0	14	0	10	0	2	0	2	0	2	0	0	0	30	0
Palestine (Jord.Z)	0	0	0	8	0	9	0	4	0	6	0	3	0	0	0	30	0
Palestine (Syr.Z.)	0	9	0	0	0	0	0	3	0	3	0	0	0	0	0	15	0
Panama	28	28	0	0	9	9	9	9	2	2	-	-	-	-	48	48	48
Paraguay	26	26	0	0	14	0	18	33½	-	-	-	-	-	-	58	59½	60½
Netherlands	44	49	3	7	6	20	11	26	13	30	7½	12½	11	4	95½	148½	98½
Peru	42	42	0	0	17	17	-	-	-	-	-	-	-	-	59	59	59
Philippines	-	26	48	75	12½	43	-	-	-	-	1	3	10	10	71½	157	71½
Poland	19	1	9½	28	7½	19	20	31	13½	13	6	0	0	0	75½	92	79½
Portugal	11	11	18	18	12	11	14½	18½	18	16	7	10½	4½	9	85	94	89½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Morocco-Tunisia	21	23 $\frac{1}{2}$	11 $\frac{1}{2}$	7 $\frac{1}{2}$	7	7 $\frac{1}{2}$	9 $\frac{1}{2}$	14 $\frac{1}{2}$	6	2	0	0	0	0	54 $\frac{3}{4}$	55	55 $\frac{1}{2}$
Yugoslavia (PFR)	20	22	5	8	10 $\frac{1}{2}$	20	9 $\frac{1}{2}$	12	20 $\frac{1}{2}$	15	5 $\frac{1}{2}$	10	6	0	77	87	80 $\frac{1}{2}$
Ukraine (SSR)	2	80	35	32	7	24	12	20	24	25	1	0	3	0	84	181	87
Southern Rhodesia	0	0	0	0	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3	3	0	0	0	0	0	0	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$
Roumania (PR)	21	17	16 $\frac{1}{2}$	23	13	13	11 $\frac{1}{2}$	32	9 $\frac{1}{2}$	25	1 $\frac{1}{2}$	1	5 $\frac{1}{2}$	0	78 $\frac{1}{2}$	111	80 $\frac{1}{2}$
United Kingdom	50 $\frac{1}{2}$	51 $\frac{3}{4}$	61 $\frac{3}{4}$	57 $\frac{3}{4}$	88	94 $\frac{1}{2}$	62	92 $\frac{1}{2}$	67	70 $\frac{1}{2}$	43	68	57 $\frac{1}{2}$	40 $\frac{1}{2}$	430	475 $\frac{1}{2}$	452 $\frac{1}{2}$
Sweden	18	18	0	0	0	0	22 $\frac{1}{2}$	22	9	13	1	1	3	0	53 $\frac{1}{2}$	54	56
Switzerland	8 $\frac{1}{2}$	8 $\frac{1}{2}$	8 $\frac{1}{2}$	8 $\frac{1}{2}$	20 $\frac{1}{2}$	20 $\frac{1}{2}$	15 $\frac{1}{2}$	15 $\frac{1}{2}$	13 $\frac{1}{2}$	13 $\frac{1}{2}$	2	2	6	6	74 $\frac{1}{2}$	74 $\frac{1}{2}$	77
Syria	4	10	11 $\frac{1}{2}$	5	10	8 $\frac{1}{2}$	2	6	6	4	2	2	0	0	35 $\frac{1}{2}$	35 $\frac{1}{2}$	35 $\frac{1}{2}$
Tangier (USA)	0	0	0	0	2 $\frac{1}{2}$	28	12	28	19 $\frac{1}{2}$	50	0	13	0	0	34	119	36
Czechoslovakia	16 $\frac{1}{2}$	16 $\frac{1}{2}$	7	0	8	11	20 $\frac{1}{2}$	30	12 $\frac{1}{2}$	21 $\frac{1}{2}$	7	14 $\frac{1}{2}$	2 $\frac{1}{2}$	0	74	93 $\frac{1}{2}$	78
U.S. Territories	0	0	0	0	0	0	5	37	13	49	16	36	11	20	45	142	47
Thailand	14	14	28	28	6	6	2	2	2	2	-	-	-	-	52	52	52
Turkey	2	2	16	16		3	4	5	4	4	2	2	7	7	43	39	44 $\frac{1}{2}$
South Africa	0	73	72	0	3	2	0	0	2	3	8	10	2	2	87	90	89
U.S.S.R.	32	116	97	177	123	221	115 $\frac{1}{2}$	286 $\frac{1}{2}$	132 $\frac{1}{2}$	136	63	30	74 $\frac{1}{2}$	0	637 $\frac{1}{2}$	966 $\frac{1}{2}$	670
Uruguay	54	54	0	0	25	25	7	8	13	13	3 $\frac{1}{2}$	4 $\frac{1}{2}$	8	8	110 $\frac{1}{2}$	112 $\frac{1}{2}$	115 $\frac{1}{2}$
Venezuela	38	38	0	0	36 $\frac{1}{2}$	36 $\frac{1}{2}$	14 $\frac{1}{2}$	14 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1	1	7	7	99 $\frac{1}{2}$	99 $\frac{1}{2}$	100 $\frac{1}{2}$
Yemen	0	8	0	11	0	3	0	0	0	2	0	4	0	0	0	28	0
TOTALS	2135	2764 $\frac{1}{2}$	1162	139 $\frac{1}{2}$	1671	2206	1247	1900	908	1298 $\frac{1}{2}$	469	683 $\frac{1}{2}$	423	370 $\frac{1}{2}$	8015	10542 $\frac{1}{2}$	
Total additional) requirement per) Band)	629 $\frac{1}{2}$		157 $\frac{1}{2}$		535		653		390 $\frac{1}{2}$		214 $\frac{1}{2}$		- 52 $\frac{1}{2}$		2527 $\frac{1}{2}$		

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Afghanistan	0	5	0	2	13½	6	0	2	3	1	0	0	20	0	36½	16	39½
Albania (PR)	7	7	0	6	5	7	6	8	3	0	0	1	0	0	21	29	21½
Germany (Am.Zone)	10	19	0	7	0	18	0	13	0	6	0	0	0	0	10	63	10
Germany (Br.Zone)	7	12	0	20	0	26	-	-	-	-	-	-	-	-	7	58	7
Germany (Fr.Zone)	6	12	0	20	0	26	-	-	-	-	-	-	-	-	6	58	6½
Andorra	1	8½	-	-	-	-	-	-	-	-	-	-	-	-	1	8½	1
Saudi Arabia	16	16	-	-	-	-	2	2	-	-	2	3	-	-	20	21	21
Argentine Rep.	86	87	0	0	49	50	37	39	23½	17½	5	14	9	2	209½	209½	217
Australia	63	68	25	25	25½	23½	22½	24½	24½	26½	6	2	21	21	192½	190½	200½
Austria	12	12	8	8	8	8	4	4	0	0	2	2	0	0	34	34	35½
Belgium	0	0	6	8	12	14	6	7	8	8	6	6	2	0	40	43	43
Bielorussia (SSR)	0	30	8	44	7	45	20	27	13	17	0	0	4	0	52	163	54
Burma	15	27	3	3	7½	8½	17½	18	6	9	3½	3½	10½	10½	63	79½	67½
Bolivia	43	43	0	0	11	12	16	18	4	4	1	1	0	0	75	78	78
Brazil	86	88	0	0	32	63½	63	36½	38	37	0	0	2	2	221	227	227
Bulgaria (PR)	15	17	7	1	9	17	4	5	1	1	1	0	0	0	37	41	39
Canada	92½	113	0	0	37	39½	31½	19	16	11	2	4	2	0	181	186½	191½
Ceylon	0	11	5	0	2	9½	19	22½	4	9	7	2	12½	4	49½	58	51½
Chile	62	72	0	0	30	45	35½	38½	9½	22½	4	10½	7½	11½	148½	200	152½
China	17½	18½	37½	37½	35	38	52½	53½	30	38	14	17	31	33	217½	235½	235½
Vatican City	10½	15	11	3½	13	14½	6	6	4	4½	1	2½	3½	3½	49	54½	53
Colombia	22	32	-	-	31	31	14	13	11	7	2	4½	5	2	85	89½	89½
Portuguese Col.	45	44½	63½	62½	42½	48½	9	16	17½	18½	4	4	13½	15½	195	209½	209½
U.K. Colonies	76	90	129½	160	30½	68	7	5	6	6	1	0	4	0	304	329	317½
French OS Terr.	142½	145	75	75½	59	74	40	53½	16	22½	11½	6	15½	13	359½	389½	379½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Belgian Congo	27	26½	29	29	17	22½	13½	11½	0	0	6	8	0	0	92½	97½	97½
Costa Rica	17½	18	0	0	14	16	0	0	0	0	0	0	0	0	31½	34	34
Cuba	46	46	-	-	35	41	14	16	23	22	7	7	0	0	125	132	132
Denmark	3	3	2	3	9	8	0	0	2	3	1	0	0	0	17	17	18
Dominican Rep.	34½	34½	0	0	10	10	7	7	5	5	0	0	0	0	56½	56½	58
Egypt	5½	6	9	7	14	18	4	4	19	19	1½	1½	0	0	53	55½	55½
El Salvador	33	49	0	0	20	30	8½	12½	1	1	0	18	0	0	62½	110½	64½
Ecuador	36½	38	0	0	4	12	6	9	10	11	8	2	5	0	69½	72	72
Spain	9	12	13	15½	8½	15½	3½	15	2½	6	5½	11	2	3	44	78	47
U.S.A.	6½	13	0	0	44½	62	42½	48	48	76	22	43	24	34	187½	276	201
Ethiopia	9½	18	5	18	15	21	12	23½	0	3	6	29	4	12	51½	124½	55½
Finland	11½	11½	0	0	12	12	3	3	6	6	0	0	0	0	32½	32½	34½
France	67½	67	7½	9	43½	50	48	46	38	30	20	24	6	6	230½	232	247½
Greece	3	13	0	13	2	17	0	13	1	2	0	0	0	5	6	63	6
Guatemala	43	191	0	0	17	204	0	119	3	68	4	37	3	85	70	704	74
Haiti	12	21	0	0	6½	18	0	3	0	0	0	3	3	3	21½	48	23
Honduras	20½	22	0	0	3½	4	0	4	0	4	0	0	0	0	24	34	26
Hungary (PR)	5	4	6	9	11	11	9	6	-	-	-	-	-	-	31	30	39
India	33½	88	78	56½	55	76½	79½	61½	23	17	35½	41½	41	26½	345½	367½	367½
Indonesia	68	72	66½	56	32½	38	15	15½	6	3	6½	0	1½	0	196	184½	208
Iran	12½	16	3½	0	8	16	5½	0	6	16	6	0	2	0	43½	48	48
Iraq	9	12	9	1	8½	11	0	3	4	9	0	2	6	3	36½	41	37½
Ireland	7	8	0	0	4	4	0	0	4	4	0	0	2	2	17	18	18
Iceland	0	0	2	2	2	2	2	2	0	0	0	0	0	0	6	6	6
Israel	0	4	0	10½	0	12½	0	9	0	6½	0	8½	0	1	0	52	0

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Italy	15½	16	5	5	30	37	8½	7½	11½	8½	3½	8	12	14	86	96	92½
Italian Somaliland	0	11	0	8	0	4	0	4	0	0	0	2	0	0	0	29	0
Japan	18½	18½	43	43½	8	8	6	7	3	3	4	3½	4	4	86½	87½	88½
Jordan	0	11	0	11	0	2	0	0	0	4	0	0	0	0	0	28	0
Lebanon	6	7	0	5	2	13	0	2	1	4	0	5	0	0	9	36	9
Liberia	0	0	0	0	0	0	6	7	0	0	9	9	3	3	18	19	19
Luxembourg	5	3	9	12	3	2	2	4	0	1½	0	0	1½	0	20½	22½	21½
Mexico	53	53	0	0	50	58	38	40	13	13	6	6	7	7	167	177	178
Monaco	16	16	0	0	7	7	1	1	0	0	0	0	0	0	24	24	26
Mongolia (PR)	39	41	15	16	11½	11½	4	4	4	4	3	3	0	0	76½	79½	79½
UNO	12½	12½	2	2	9½	9½	10	10	13	14	12½	14	0	0	59½	62	63
Nicaragua	59½	63½	0	0	0	17	28	12	0	11	0	0	0	0	87½	103½	90½
Norway	8	8	8	8	19½	19	9	9	11	10	5	6	0	0	60½	60	63½
New Zealand	8	9	0	0	6	7	9	10	6	19	7	0	6	0	42	45	45
Pakistan	21	27	39½	43	11	14½	28	25½	15	12	11	10	9	10	134½	142	141
Palestine (Eg.Z.)	0	0	0	17	0	9	0	0	0	4	0	0	0	0	0	30	0
Palestine (Jord.Z)	0	0	0	8	0	11	0	2	0	9	0	0	0	0	0	30	0
Palestine (Syr.Z.)	0	9	0	0	0	3	0	0	0	3	0	0	0	0	0	15	0
Panama	26½	28	0	0	8	9	7½	11	0	0	0	0	0	0	45	48	48
Paraguay	26	26	0	0	0	0	33½	34½	-	-	-	-	-	-	59½	60½	60½
Netherlands	40	54	3	7	6	27	11	22	13	15	7	18	11½	4½	91½	147½	98½
Peru	40½	42	0	0	16	17	-	-	-	-	-	-	-	-	56½	59	59
Philippines	-	32	23	60	35½	52	0	0	0	0	1	3	10	10	69½	157	71½
Poland	17	5	11½	22	9½	21	19	16	6	17	8	7	3	4	74	92	79½
Portugal	11	11	20	23	10	14	13	18	17	12	7	9	5½	9	83½	96	89½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Morocco & Tunisia	18½	23½	12½	7	1	6	9½	10	7½	2	1	2	1	0	51½	50½	55½
Yugoslavia (FPR)	23	21	6	7	11½	18	8	13	11	15	8	11	7	0	74½	85	80½
Ukraine (SSR)	2	64	29	50	7	29	20½	31	21	5	2	0	1	0	82½	179	87
Southern Rhodesia	0	0	0	0	2½	2½	3	3	0	0	0	0	0	0	5½	5½	5½
Roumania (PR)	23	18	12	15½	15	25	9	15	8½	14	3	11	3½	4	74	102½	80½
United Kingdom	48	54½	60	63½	82½	89½	67½	99	69	71	42½	58½	55½	39½	425	476	452½
Sweden	18	17	0	0	8	11	19	17½	5	7	2	0	0	0	52	52½	56
Switzerland	9	9	7	7	23	23	10	10	9	9	7	7	6	6	71	71	77
Syria	10	13	11	10	6	4	0	4	2	2	4	2	0	0	33	35	35
Tangier (USA)	0	0	0	0	6	44	8½	29	19	33	0	14	0	0	33½	120	36
Czechoslovakia	21½	22	3	3	16	29	9	21	11½	14½	7½	10	3½	0	72	99½	78
U.S. Territories	0	0	0	0	1	27	9	11	0	31	9	43½	27	28	46	140½	47
Thailand	14	14	23	23	11	12	0	3	0	0	1	1	-	-	49	53	52
Turkey	4	2	14	16	8	3	5	7	2	2	2	2	7	7	42	39	44½
South Africa	0	73	71	0	2	2	0	0	0	4½	2	0	12	10½	87	90	89
U.S.S.R.	45	110	106	140	119½	180	132	175	78	108	44	88	97	-	621½	801	670
Uruguay	48	48	0	0	30	30	7	7	7	10	12½	12½	5	5	109½	112½	115½
Venezuela	38	38	0	0	34½	34½	13½	13½	5½	6	1½	2	5	5	98	99	100½
Yemen	0	8	0	11	0	3	0	2	0	4	0	0	0	0	0	28	0
Totals	2105½	2824½	1142½	136½	1533	2369½	1249½	1580	809	1079½	438	686½	565½	469	7843½	10,370½	
Total additional requirements per band	719½		218½		836½		330½		270½		248½		-96½		2527½		

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Afghanistan	5	5	2	2	8	6	2	2	1	1	0	0	0	0	18	16	39½
Albania (PR)	7½	11	3	1	0	4	0	8	2	3	1	0	2	1	15½	28	21½
Germany (Am. Zone)	7	38	0	9	0	4	0	6	0	4	0	0	0	0	7	61	10
Germany (Br. Zone)	5	29	-	21	-	8	-	-	-	-	-	-	-	-	5	58	7
Germany (Fr. Zone)	4½	29	-	21	-	8	-	-	-	-	-	-	-	-	4½	58	6½
Andorra	1	8½	-	-	-	-	-	-	-	-	-	-	-	-	1	8½	1
Saudi Arabia	2	3	8	13	0	0	1	1	2	2	-	-	2	2	15	21	21
Argentine Rep.	28	67	0	0	56	82	43	53	18	6	4	10	9	4	158	222	217
Australia	25½	31½	32½	32½	24	23	12½	14	24	24	11	9½	25	24	154½	158½	200½
Austria	6	6	9	9	4	4	5	5	0	0	0	0	0	0	24	24	35½
Belgium	4	4	1	8	8½	11	1½	6	10	8	0	6	6	0	31	43	43
Bielorussia (SSR)	3	16	9	49	4	11	9½	15	4½	4	4½	5	4½	0	39	100	54
Burma	7	29	9	8	12	10½	2	3½	14	13½	11½	13	1½	2	57	79½	67½
Bolivia	28	35	0	0	17	12	8	18	4	5	0	0	0	0	57	70	78
Brazil	34	88	0	0	52	73	20½	39	17	25	30	0	5	2	158½	227	227
Bulgaria (PR)	14	23	6	12	1	4	4	2	2	0	-	-	-	-	27	41	39
Canada	88½	117½	0	0	31½	54	6	3	5	10	3	3	2	2	136	189½	191½
Ceylon	8	11	2	2	6	4	8	24	1½	8	8	6	6½	3	40	58	51½
Chile	43	71	0	0	22½	48	25	35½	12	26½	1	1	9½	9½	113	191½	152½
China	33	44	29½	53	16	25½	36	59	24	30	5	5	19	19	162½	235½	235½
Vatican City	6	12½	7	7½	15	17½	4	5½	1	2	2½	3½	2½	3	38	51½	53
Colombia	14	33	-	-	28	35	6½	7	15½	6	3	3½	3	2	70	86½	89½
Portuguese Col.	15½	22½	42½	61½	40½	59	20½	24½	3½	6	15	12½	15½	15	153	201	209½
U.K. Colonies	61	88	72	116	63½	82½	15	35	0	0	4	0	4	0	219½	321½	317½
French OS Terr.	45½	68	72	129	29	68½	55½	60	25	15	6½	15	33½	24	267	379½	379½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Belgian Congo	19½	26½	20½	29	14½	22½	7	11½	1½	0	5	8	3	0	71	97½	97½
Costa Rica	13	18	0	0	11	16	0	0	-	-	-	-	-	-	24	34	34
Cuba	23	46	0	0	51	60	2½	8	10	11	6	0	-	-	92½	125	132
Denmark	11	11½	0	0	0	1	0	2	0	2	2	0	0	0	13	16½	18
Dominican Rep.	23	24	0	0	7½	7½	10	10	0	0	0	0	0	0	40½	41½	58
Egypt	12½	15	7½	15	7	15	1½	2	8	7	2½	3	0	0	39	57	55½
El Salvador	24	49	0	0	18	30	1	12	1½	1½	0	18	0	0	44½	110½	64½
Ecuador	15	38	0	0	21	12	5½	9	4	8	7	5	0	0	52½	72	72
Spain	6	17	8	15½	8	13½	7	20	3	3	0	6	0	3	32	78	47
U.S.A.	49	85	0	0	32½	66	31½	42	14	38	4	19	10	31	141	281	201
Ethiopia	2½	21	5	23½	4½	20½	18½	24	3	18	0	0	6	17	39½	124	55½
Finland	7	7	3	0	9	9	1½	3	4	5	0	2	0	3	24½	29	34½
France	49	67½	26½	17½	28	38½	27½	31	13	17½	13½	16½	17	6	174½	194½	247½
Greece	1½	9½	0	11	0	6	2½	7½	1	5	0	0	0	0	5	39	6
Guatemala	29	190	0	0	15	204	2½	119	4	68	0	51	3	85	53½	717	74
Haiti	13	42	0	0	0	9	0	3	0	0	0	3	3	6	16	63	23
Honduras	19	22	0	0	0	4	0	4	0	4	0	0	0	0	19	34	26
Hungary (PR)	13	15	5	9	4½	6	2	0	0	0	-	-	-	-	24½	30	33
India	20	120½	45	81	60	45½	46	40	34	30½	44	33½	20	16½	269	367½	367½
Indonesia	50½	72	43	61	23	36	21	12½	8	3	0	0	2½	0	148	184½	208
Iran	7½	16	14	0	5½	16	2	0	2	16	1	0	2	0	34	48	48
Iraq	4	13	11	4	2½	6	0	1	2	7	0	3	6	7	25½	41	37½
Ireland	7	9	0	0	0	0	2	2	0	0	2	2	2	2	13	15	18
Iceland	1	1	0	0	3	3	0	0	0	0	0	0	0	0	4	4	6
Israel	0	16½	0	15	0	6½	0	2	0	1	0	9	0	2	0	52	0

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Italy	14	24	12	17	8	11½	5	7	5½	8	4½	8½	14½	12½	63½	88½	92½
Italian Somaliland	0	11	0	3	0	9	0	0	0	0	0	2	0	0	0	30	0
Japan	20	35	33	37½	2	3	2	3	2½	5½	3	3	2	1	64½	88	88½
Jordan	0	8	0	5	0	9	0	6	0	0	0	0	0	0	0	28	0
Lebanon	5½	16	1	4	0	11	0	3	1	2	0	0	0	0	7½	36	9
Liberia	1	2	2	2	2½	3	3½	7	0	0	2	2	3	3	14	19	19
Luxembourg	4	15	8	2	1	1	1	1	1½	2½	0	0	0	0	15½	21½	21½
Mexico	50½	52½	0	0	32	39	24	27½	9	19	3	3	17	5	135½	146	178
Monaco	12	12½	1	0	3	7	2½	0	0	0	0	0	0	0	18½	19½	26
Mongolia (PR)	34½	48	6	14	6½	10½	7	5	0	0	0	0	0	0	54	77½	79½
UNO	11	11	2	2	16	18	12	15	2	2	0	0	1	1	44	49	63
Nicaragua	37½	64	0	0	15	12	0	10	11	11	0	0	0	0	63½	97	90½
Norway	11	11	9	9	4	6	12½	11½	5	5	1	1	0	0	42½	43½	63½
New Zealand	0	0	0	0	2½	5	7	13	14	19	17	8	0	0	40½	45	45
Pakistan	24	37	26	33½	20	26½	8	11	20½	20½	7	7	4	4	109	139½	141
Palestine (Eg.Z.)	0	14	0	8	0	2	0	4	0	0	0	2	0	0	0	30	0
Palestine (Jord.Z.)	0	4	0	9	0	10	0	0	0	4	0	3	0	0	0	30	0
Palestine (Syr.Z.)	0	12	0	0	0	3	0	0	-	-	-	-	-	-	0	15	0
Panama	21	28	0	0	7	9	0	11	4	0	3	0	0	0	35	48	48
Paraguay	18	23	0	0	22	16	4	19½	-	-	-	-	-	-	44	58½	60½
Netherlands	25½	64	2	12	14	27	3	15	12½	11	7½	11	7½	9½	72	149½	98½
Peru	20½	42	0	0	21	17	0	0	-	-	-	-	-	-	41½	59	59
Philippines	3	42	11	49	25	53	0	0	0	0	1	1	10	10	50	155	71½
Poland	4	18½	14	21	10½	10	11	15	6	11	12	10	0	4	57½	89½	79½
Portugal	8	17	18	24	9	12½	14	20	7	9	2	6½	4½	4½	62½	93½	89½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Morocco & Tunisia	8	19	6	9	11	7	4	3	3	0	4½	2	1	0	37½	40	55½
Yugoslavia (FFR)	11½	20	18	15	13	14	3	11	5	5	5	0	0	0	55½	65	80½
Ukraine (SSR)	15	55	21½	52	6½	22	9	8	9	8	0	0	0	0	61	145	87
Southern Rhodesia	0	0	1	1½	3	3	0	0	0	0	0	0	0	0	4	4½	5½
Roumania (PR)	15	28	13½	17	11	26	5½	15	6	9	0	4	4½	2	55½	101	80½
United Kingdom	33½	88½	44½	74½	66	102	51½	63	64	76	31½	38½	37	33	328	475½	452½
Sweden	9½	24	10½	8½	6	8	3	11	1	1	7	0	1	1	38	53½	56
Switzerland	8½	12	5½	3	10	15	8	6½	8	3	5½	6	8	8	53½	53½	77
Syria	6	11	5	10	9	5	4	0	0	2	1	2	0	2	25	32	35½
Tangier (USA)	4½	29	4	19	3	32	3½	12	11½	22	0	5	0	0	26½	119	36
Czechoslovakia	18	32½	9	4½	9	34	10½	12½	4½	7½	1	3	1½	1½	53½	95½	78
U.S. Territories	4½	21	0	0	4	27	2	11	9	22	4	25	12	34	35½	140	47
Thailand	11½	30	8	8	15½	13	0	0	0	0	1	1	0	0	36	52	52
Turkey	3	6	6½	13	10	3	3	2	2	2	0	2	6	6	30½	34	44½
South Africa	0	1	48	72	1	2	0	0	0	0	7	6½	8	8½	64	90	89
U.S.S.R.	93½	199	76	141	58	133	72	117	73	78	46	33	39½	8	458	709	670
Uruguay	19	19	0	0	34	32	20	25½	6½	8½	6½	9½	0	0	86	94½	115½
Venezuela	28	33	0	0	22	31	7½	12	6½	6½	5	5	1	1	70	88½	100½
Yemen	0	11	0	13	0	4	0	0	0	0	0	0	0	0	0	28	0
Totals	1527½	3093	915	1554	1277	2152	800½	1306½	610	824	385	482½	408	450	5923	9862	
Total additional requirements per band	1565½		639		875		506		214		97½		42		3939		

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Afghanistan	0	5	2	2	6	6	2	2	1	1	0	0	0	0	11	16	39½
Albania (PR)	4½	10	0	0	5½	7	5	9	4	7	0	0	0	0	19	33	21½
Germany (Am.Z.)	9	12	0	0	0	28	0	13	0	10	0	0	0	0	9	63	10
Germany (Br.Z.)	6½	12	0	20	0	26	-	-	-	-	-	-	-	-	6½	58	7
Germany (Fr.Z.)	6	12	0	20	0	26	-	-	-	-	-	-	-	-	6	58	6½
Andorra	1	8½	-	-	-	-	-	-	-	-	-	-	-	-	1	8½	1
S.Arabia	14½	16	0	0	0	0	5	5	0	0	-	-	-	-	19½	21	21
Argentine R.	88	92	0	0	54½	50	42½	27½	13½	23½	0	6	0	1	198½	200	217
Australia	86	86	7	7	38½	36½	23½	22	12½	15½	17½	16½	-	-	185	183½	200½
Austria	10½	10½	9	9	8	8	2	2	3½	3½	-	-	-	-	33	33	35½
Belgium	-	-	6	8	12½	14	17	7	5	8	0	6	-	-	40½	43	43
Belorussia (SSR)	4	21	0	15	23½	25	13½	89	3	4	4	0	0	0	48	154	54
Burma	14	27	11½	11½	2	2	15½	16½	8	9	5½	7	6½	6½	63	79½	67½
Bolivia	43	43	-	-	7	12	18	17	2	5	0	0	0	0	70	77	78
Brazil	76	88	0	0	63½	63½	51	52	11½	17½	6	6	0	0	208	227	227
Bulgaria (PR)	12	20	11	16	6½	2	3	3	2½	0	0	0	0	0	35	41	39
Canada	90½	93½	0	0	41	67	33½	25	11½	2	0	0	0	0	176½	187½	191½
Ceylon	4½	0	0	5	15	22½	15½	10	3½	5½	10	3	-	-	48½	46	51½
Chile	60	70	0	0	34½	49	37	48½	12	29½	0	7½	0	0	143½	204½	152½
China	17	18½	45½	46½	31	36½	63	69	28½	36	20	25	2	4	207	235½	235½
Vatican City	13	14	8	9½	15	14	5½	7	5	5½	1	1½	1	1	48½	52½	53
Colombia	35	46	0	0	16	26	18	16	5	7½	5	5	-	-	79	100½	89½
Portug.Col.	43½	44½	98½	99½	14½	23	8	6	15	18	5	8½	9½	9½	194	209	209½
UK Colonies	96	125	120½	140	60	56½	15	9	0	0	1	0	4	0	296½	330½	317½
French OS Terr.	138½	148	128	122	14	14	37	57	24	23	8	10	5½	3½	355	377½	379½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Belgian Congo	51	29½	17	29	5	19½	12	11½	5	0	0	8	-	-	90	97½	97½
Costa Rica	15	18	0	0	16	16	0	0	0	0	0	0	0	0	31	34	34
Cuba	47	46	0	0	30½	46½	28	32	9	10	3	3	0	0	117½	137	132
Denmark	3	3	0	1	7	8	5½	4	1	3	0	0	0	0	16½	19	18
Dominic. Rep.	31	31	0	0	10	10	10½	11	0	0	0	0	0	0	51½	52	58
Egypt	6	6	7	11	17	12	7½	11	14½	16½	-	-	-	-	52	56½	55½
El Salvador	27	49	0	0	21	30	8½	12½	1	1	0	18	0	0	57½	110½	64½
Ecuador	38	38	0	0	7	12	5	6	7½	9	7	7	0	0	64½	72	72
Spain	21	12	0	15½	10½	15½	6½	15	2½	9	0	8	2	3	42½	78	47
U.S.A	0	0	0	0	53	60	42½	74	81	108	4	38	0	0	180½	280	201
Ethiopia	9	18	16	21	3	18	13	40½	3	13	3	10	4	4	51	124½	55½
Finland	11½	11½	-	-	7	7	7½	8	6½	6½	-	-	-	-	32½	33	34½
France	65½	67	12½	11	47	40	53½	59½	35	36½	9	9½	0	0	222½	223½	247½
Greece	1	6	1	11	2½	12	1	9	0	3	0	1	0	0	5½	42	6
Guatemala	38	187	0	0	20	204	3	119	0	68	4	51	3	85	68	714	74
Haiti	17½	21	0	0	0	9	0	3	0	0	3	3	0	6	20½	42	23
Honduras	23	23	0	0	0	3	0	4	0	4	0	0	0	0	23	34	26
Hungary (PR)	15	9	0	4	11½	11	3	6	0	0	-	-	-	-	29½	30	33
India	42½	124	89	70	63	70½	51½	37½	47½	45	34½	19½	6	0	334	366½	367½
Indonesia	74	50½	50½	52½	28	40	27	16½	9	-	3½	-	-	-	192	159½	208
Iran	12½	16	12	0	3	16	6	0	6	16	5	0	0	0	44½	48	48
Iraq	13½	0	6½	4	7	8	2	18	0	4	0	3	6	4	35	41	37½
Ireland	8	8	0	0	2	2	1	1	5	5	0	0	0	0	16	16	18
Iceland	0	0	0	0	2	2	1½	1½	0	0	2	2	0	0	5½	5½	6
Israel	-	10	-	-	-	13½	-	22	-	4	-	2½	-	-	-	52	0

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Italy	14	14	13	13	30 $\frac{1}{2}$	34	7 $\frac{1}{2}$	6 $\frac{1}{2}$	15 $\frac{1}{2}$	19 $\frac{1}{2}$	5	5	0	0	85 $\frac{1}{2}$	92	92 $\frac{1}{2}$
Ital. Somaliland	0	11	0	8	0	3	0	4	0	4	0	0	0	0	0	30	0
Japon	54 $\frac{1}{2}$	58	8	11 $\frac{1}{2}$	0	0	4	5	7	7 $\frac{1}{2}$	4	3	1	1	78 $\frac{1}{2}$	86	88 $\frac{1}{2}$
Jordan	0	8	0	3	0	11	0	6	0	0	0	0	0	0	0	28	0
Lebanon	5	12	0	0	2	16	0	6	1	2	0	0	0	0	8	36	9
Liberia	0	0	0	0	0	0	10	12	4	4	3	3	0	9	17	19	19
Luxembourg	5	3	7 $\frac{1}{2}$	12	-	1	5	5	1	-	1 $\frac{1}{2}$	1 $\frac{1}{2}$	-	-	20	22 $\frac{1}{2}$	21 $\frac{1}{2}$
Mexico	49	49 $\frac{1}{2}$	-	-	68	70	29 $\frac{1}{2}$	29 $\frac{1}{2}$	15	15	-	-	-	-	161 $\frac{1}{2}$	164	178
Monaco	15	16	0	0	8	8	1	1	0	0	0	0	0	0	24	25	26
Mongolia (P.R)	44 $\frac{1}{2}$	44	12	18	6 $\frac{1}{2}$	6 $\frac{1}{2}$	6	6	2 $\frac{1}{2}$	3	0	0	0	0	71 $\frac{1}{2}$	77 $\frac{1}{2}$	79 $\frac{1}{2}$
UNO	13	12	-	-	10 $\frac{1}{2}$	13 $\frac{1}{2}$	14	14	18	19	-	-	-	-	55 $\frac{1}{2}$	58 $\frac{1}{2}$	63
Nicaragua	54	62	0	0	17	17	14	14	0	11	0	0	0	0	85	104	90 $\frac{1}{2}$
Norway	9	9	8	8	18 $\frac{1}{2}$	18	7	8	11 $\frac{1}{2}$	10 $\frac{1}{2}$	5	5	-	-	59	58 $\frac{1}{2}$	63 $\frac{1}{2}$
New Zealand	8	16	-	-	9	10	13	13	5	6	7	-	-	-	42	45	45
Pakistan	24	39	49 $\frac{1}{2}$	41	10	22 $\frac{1}{2}$	18	19	13	7	11 $\frac{1}{2}$	13	2	-	128	141 $\frac{1}{2}$	141
Palestine (Eg.Z)	0	11	0	10	0	5	0	0	0	4	0	0	0	0	0	30	0
Palestine(Jord.Z)	0	0	0	8	0	11	0	2	0	9	0	0	0	0	0	30	0
Palestine (Syr.Z)	0	9	0	0	0	0	0	3	0	3	0	0	0	0	0	15	0
Panama	29 $\frac{1}{2}$	28	0	0	4	9	10 $\frac{1}{2}$	11	-	-	-	-	-	-	44	48	48
Paraguay	24	26	0	0	14 $\frac{1}{2}$	0	18	34 $\frac{1}{2}$	-	-	-	-	-	-	56 $\frac{1}{2}$	60 $\frac{1}{2}$	60 $\frac{1}{2}$
Netherlands	40 $\frac{1}{2}$	54	3	7	5	24	19	38	9 $\frac{1}{2}$	22 $\frac{1}{2}$	11 $\frac{1}{2}$	3	-	-	88 $\frac{1}{2}$	148 $\frac{1}{2}$	98 $\frac{1}{2}$
Peru	39	42	0	0	16	17	0	0	0	0	0	0	0	0	55	59	59
Philippines	5	36	38 $\frac{1}{2}$	72	13	36	0	0	1	3	9 $\frac{1}{2}$	10	-	-	67	157	71 $\frac{1}{2}$
Poland	24	13	1	25	7 $\frac{1}{2}$	23	18 $\frac{1}{2}$	20	16	14	3	0	0	0	70	95	79 $\frac{1}{2}$
Portugal	11	11	18	18	11	13	20	29 $\frac{1}{2}$	11	13	6 $\frac{1}{2}$	2 $\frac{1}{2}$	2	6 $\frac{1}{2}$	79 $\frac{1}{2}$	93 $\frac{1}{2}$	89 $\frac{1}{2}$

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Morocco-Tunisia	25	23 $\frac{1}{2}$	8 $\frac{1}{2}$	7	3	6	10 $\frac{1}{2}$	8	3	6	0	0	0	0	50	50 $\frac{1}{2}$	55 $\frac{1}{2}$
Yugoslavia (PER)	18	20	7	7	9 $\frac{1}{2}$	16	16 $\frac{1}{2}$	15	14	14	7	10	0	0	72	82	80 $\frac{1}{2}$
Ukraine (SSR)	10 $\frac{1}{2}$	79	24	34	7	28	18	38	16	0	2	0	0	0	77 $\frac{1}{2}$	179	87
S. Rhodesia	2	0	0	0	0	2 $\frac{1}{2}$	3	3	0	0	0	0	0	0	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$
Roumania (PR)	22	30	14	31 $\frac{1}{2}$	17 $\frac{1}{2}$	28	6	16 $\frac{1}{2}$	7 $\frac{1}{2}$	7	5 $\frac{1}{2}$	-	-	-	72 $\frac{1}{2}$	113	80 $\frac{1}{2}$
U.K.	60	60	76	76	84 $\frac{1}{2}$	105 $\frac{1}{2}$	61	109 $\frac{1}{2}$	66	83 $\frac{1}{2}$	56	41 $\frac{1}{2}$	0	0	403 $\frac{1}{2}$	476	452 $\frac{1}{2}$
Sweden	17	17	0	0	3	0	19	24 $\frac{1}{2}$	9 $\frac{1}{2}$	11	1	0	0	0	49 $\frac{1}{2}$	52 $\frac{1}{2}$	56
Switzerland	9	9	17 $\frac{1}{2}$	17 $\frac{1}{2}$	12 $\frac{1}{2}$	10	10 $\frac{1}{2}$	12	12	13	8	8	0	0	69 $\frac{1}{2}$	69 $\frac{1}{2}$	77
Syria	4	6	11 $\frac{1}{2}$	8	11 $\frac{1}{2}$	14	4	4	2	2	0	0	0	0	33	34	35 $\frac{1}{2}$
Tangier (USA)	0	3	0	6	3	28	26	44	3	28	0	10	0	0	32	119	36
Czechoslovakia	15 $\frac{1}{2}$	16 $\frac{1}{2}$	12	10	10	25	17	31	11 $\frac{1}{2}$	14 $\frac{1}{2}$	4 $\frac{1}{2}$	0	0	0	70 $\frac{1}{2}$	97	78
U.S. Territ.	2	3	0	0	0	3	9	40	16 $\frac{1}{2}$	51	14 $\frac{1}{2}$	37	0	5	42	139	47
Thailand	31	37	11	11	2	2	1	3	1	1	0	0	0	0	46	54	52
Turkey	2	2	16	14	1 $\frac{1}{2}$	7 $\frac{1}{2}$	3 $\frac{1}{2}$	5	3	3	6	6	0	0	41	37 $\frac{1}{2}$	44 $\frac{1}{2}$
S. Africa	0	74	68	0	2	1	3	3 $\frac{1}{2}$	6 $\frac{1}{2}$	8 $\frac{1}{2}$	2	3	0	0	81 $\frac{1}{2}$	90	89
USSR	47 $\frac{1}{2}$	96 $\frac{1}{2}$	105 $\frac{1}{2}$	159	120 $\frac{1}{2}$	223	105	334	112 $\frac{1}{2}$	115	82 $\frac{1}{2}$	14	27	5	600 $\frac{1}{2}$	946 $\frac{1}{2}$	670
Uruguay	56	56	0	0	19	24	2	8	19 $\frac{1}{2}$	19 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	0	0	103	109	115 $\frac{1}{2}$
Venezuela	35	39	0	0	34 $\frac{1}{2}$	34 $\frac{1}{2}$	16	16	0	0	5 $\frac{1}{2}$	6 $\frac{1}{2}$	3	3	94	99	100 $\frac{1}{2}$
Yemen	0	11	0	8	0	3	0	2	0	4	0	0	0	0	0	28	0
TOTALS	2268	2972	1188	1405	1442 $\frac{1}{2}$	2229 $\frac{1}{2}$	1277 $\frac{1}{2}$	2039 $\frac{1}{2}$	839	1150 $\frac{1}{2}$	424 $\frac{1}{2}$	469	84 $\frac{1}{2}$	148	7523	10412	8328
Total additional) requirement per) Band)	704		217		787		761 $\frac{1}{2}$		311 $\frac{1}{2}$		44 $\frac{1}{2}$		63 $\frac{1}{2}$		2889		

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Total
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Afghanistan	2	5	4½	2	8	6	3½	2	7	1	3	0	3	0	31	16	39½
Albania (PR)	6½	8	0	9	4½	10	4	3	2	0	0	0	0	0	17	30	21½
Germany (Am.Zone)	8	23	0	16	0	14	0	6	0	4	0	0	0	0	8	63	10
Germany (Br.Zone)	6	29	-	21	-	8	-	-	-	-	-	-	-	-	6	58	7
Germany (Fr.Zone)	6½	29	0	21	0	8	-	-	-	-	-	-	-	-	6½	58	6½
Andorra	1	8½	-	-	-	-	-	-	-	-	-	-	-	-	1	8½	1
Saudi Arabia	14	16	-	-	-	-	2	2	3	3	-	-	-	-	19	21	21
Argentine Rep.	75	73	0	0	58	69	41	35	14	15	6	8	7	0	201	200	217
Australia	71	71	27	27	13	10½	30	31½	12	12	8	9	13	12	174	173	200½
Austria	14	15	5	5	5	5	4	4	0	0	0	0	0	0	28	29	35½
Belgium	2	0	6	8	11	14	2	7	13	8	0	6	0	0	34	43	43
Bielorussia (SSR)	0	26	6	55	13½	46	20	36	3	2	2½	0	0	0	45	165	54
Burma	11	27	7½	9½	3	3	15½	17	7½	7	7	9½	6½	6½	58	79½	67½
Bolivia	41	43	0	0	16	18	12	12	4	4	1	1	0	0	74	78	78
Brazil	77	86	0	0	66	69	43	50	22	20	0	0	2	2	210	227	227
Bulgaria (PR)	16	20	3	8	8	8	2	3	2	2	0	0	0	0	31	41	39
Canada	98½	124	0	0	52½	46½	10	16	8	2	2	2	0	0	171	190½	191½
Ceylon	0	0	6	3½	4½	11	19	20½	4	3	1½	3	12½	0	47½	41	5½
Chile	54	70	0	0	34	48	41½	50½	5	18	7½	11½	0	0	142	198	152½
China	18½	18½	39½	49½	46½	53½	39	53½	22	22	7	11	18	21	190½	229	235½
Vatican City	11	14	7	10	13	14½	7	7	2	2½	3½	3½	0	0	43½	51½	53
Colombia	17	37	-	-	31	27	17	15	11½	7	3	6	1	1	80½	93	89½
Portuguese Col.	41	44½	60	76½	39	52½	10	11	5½	5½	8½	7½	12	12	176	209½	209½
U.K. Colonies	78½	96½	130½	179½	36	41½	17	11	0	0	1	0	4	0	267	328½	317½
French OS Terr.	133½	145	59	78½	53½	76	33½	42	29	27	10	11½	0	0	318½	380	379½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Belgian Congo	29½	29½	29	29	17½	19½	0	11½	7	0	0	8	0	0	83	97½	97½
Costa Rica	14	18	0	0	15	16	0	0	0	0	0	0	0	0	29	34	34
Cuba	39	46	0	0	41	41	14	25	28	19	-	-	-	-	122	131	132
Denmark	8	10½	0	1	4	4	2	0	1	3	0	0	0	0	15	18½	18
Dominican Rep.	29	29	0	0	10	10	3	3	8	8	0	0	0	0	50	50	58
Egypt	7	15	16	16	2	2	7	7	10	10	1½	1½	0	0	43½	51½	55½
El Salvador	27½	49	0	0	21	30	9½	13½	0	0	0	18	0	0	58	110½	64½
Ecuador	35	38	0	0	8	12	3	9	16	11	2	2	5	0	69	72	72
Spain	11½	12	13	15½	4	15½	3	15	4	9	3	8	0	3	38½	78	47
U.S.A.	30	39	0	0	31½	75	41½	59	39	62	4	37	18	9	164	281	201
Ethiopia	9½	18	13	30½	14	23	5	23	0	15	7	14	3	3	51½	126½	55½
Finland	9½	9½	0	0	9½	9½	8	8	2	2	1	1	0	0	30	30	34½
France	66	69½	14½	13½	39½	41½	42	37½	28½	29½	9	11½	0	0	199½	203	247½
Greece	2	7	0	12	2	19	1	5	0	11	0	2	0	0	5	56	6
Guatemala	33	189	0	0	18	204	2	119	5	68	0	51	3	85	61	716	74
Haiti	11	21	0	0	6	9	0	3	0	3	0	0	3	14	20	50	23
Honduras	17½	22	0	0	3	4	0	4	0	4	0	0	0	0	20½	34	26
Hungary (PR)	15	15	1	4	10½	11	0	0	-	-	-	-	-	-	26½	30	33
India	47½	139½	62	62	61	65	34	39½	35	33	36	21	15	6½	290½	366½	367½
Indonesia	48	50½	58	52½	37	40	20½	16½	2	0	2	0	1½	0	169	159½	208
Iran	9	16	16	0	2	16	3	0	5	16	3	0	0	0	38	48	48
Iraq	6	12	16	7	1	7	4	4	0	8	3	3	3	0	33	41	37½
Ireland	9	9	0	0	0	0	2	2	4	4	0	0	0	0	15	15	18
Iceland	0	0	2	2	0	0	3	3	0	0	0	0	0	0	5	5	6
Israel	0	10½	0	12	0	12	0	6½	0	7½	0	3½	0	0	0	52	0

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Italy	17 $\frac{1}{2}$	19 $\frac{1}{2}$	6	8	28 $\frac{1}{2}$	29 $\frac{1}{2}$	2 $\frac{1}{2}$	5	9	16	9	9	0	0	72 $\frac{1}{2}$	87	92 $\frac{1}{2}$
Italian Somaliland	0	11	0	10	0	3	0	4	0	0	0	2	0	0	0	30	0
Japan	52 $\frac{1}{2}$	60	8	8	0	0	8 $\frac{1}{2}$	9 $\frac{1}{2}$	6	6	0	1	2	1	77	85 $\frac{1}{2}$	88 $\frac{1}{2}$
Jordan	0	6	0	11	0	7	0	4	0	0	0	0	0	0	0	28	0
Lebanon	4 $\frac{1}{2}$	12	2	5	0	10	0	9	1	0	0	0	0	0	7 $\frac{1}{2}$	36	9
Liberia	0	0	2	2	2 $\frac{1}{2}$	4	2	2	8	8	0	0	3	3	17 $\frac{1}{2}$	19	19
Luxembourg	8 $\frac{1}{2}$	3 $\frac{1}{2}$	4	12	2	2	1	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	0	0	0	0	17	22	21 $\frac{1}{2}$
Mexico	49	49	0	0	62	62	19	19	8 $\frac{1}{2}$	8 $\frac{1}{2}$	6	18	12	0	156 $\frac{1}{2}$	156 $\frac{1}{2}$	178
Monaco	17	17	0	0	7	7	0	0	0	0	0	0	0	0	24	24	26
Mongolia (PR)	32	39	18 $\frac{1}{2}$	22	4 $\frac{1}{2}$	7 $\frac{1}{2}$	8	8	0	0	3	3	0	0	66	79 $\frac{1}{2}$	79 $\frac{1}{2}$
UNO	16	19	2	2	16 $\frac{1}{2}$	16 $\frac{1}{2}$	10	11	4	4	4 $\frac{1}{2}$	4 $\frac{1}{2}$	0	0	53	57	63
Nicaragua	50	60 $\frac{1}{2}$	0	0	0	9	29 $\frac{1}{2}$	13 $\frac{1}{2}$	0	11	0	0	0	0	79 $\frac{1}{2}$	94	90 $\frac{1}{2}$
Norway	5	5	10	10	20	21	11	11	6	6	0	3	0	0	52	56	63 $\frac{1}{2}$
New Zealand	8	11	0	0	10	9	13	17	13	6	0	1	0	0	44	44	45
Pakistan	22	42 $\frac{1}{2}$	41	33 $\frac{1}{2}$	17	26	11	12	13	13	12	12	0	0	116	139	141
Palestine (Eg.Z.)	0	16	0	10	0	0	0	2	0	2	0	0	0	0	0	30	0
Palestine (Jord.Z)	0	4	0	11	0	4	0	8	0	3	0	0	0	0	0	30	0
Palestine (Syr.Z.)	0	12	0	0	0	3	0	0	0	0	0	0	0	0	0	15	0
Panama	25 $\frac{1}{2}$	28	0	0	8	9	7 $\frac{1}{2}$	11	0	0	3	0	0	0	44	48	48
Paraguay	23	26	0	0	15	0	19 $\frac{1}{2}$	34 $\frac{1}{2}$	-	-	-	-	-	-	57 $\frac{1}{2}$	60 $\frac{1}{2}$	60 $\frac{1}{2}$
Netherlands	41	57	0	8	2	25	19	33	12	20	4	4 $\frac{1}{2}$	1 $\frac{1}{2}$	0	79 $\frac{1}{2}$	147 $\frac{1}{2}$	98 $\frac{1}{2}$
Peru	36	42	0	0	16	17	0	0	-	-	-	-	-	-	52	59	59
Philippines	-	36	44 $\frac{1}{2}$	72	6	36	0	0	1	3	5	5	5	5	61 $\frac{1}{2}$	157	71 $\frac{1}{2}$
Poland	22	13	7	21	9	28	18	15	5	9	0	0	3	3	64	89	79 $\frac{1}{2}$
Portugal	11 $\frac{1}{2}$	17	19	27	7	11	21	22	9 $\frac{1}{2}$	10 $\frac{1}{2}$	0	4 $\frac{1}{2}$	2	6	70	98	89 $\frac{1}{2}$

[illegible]

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Afghanistan	0	5	2	2	6	6	2	2	1	1	0	0	0	0	11	16	39½
Albania (PR)	5½	12	4	9	2	1	2	4	2	3	0	0	0	0	15½	29	21½
Germany (Am. Zone)	7	46	0	3	0	8	0	4	0	0	0	0	0	0	7	51	10
Germany (Br. Zone)	6	29	-	21	-	8	-	-	-	-	-	-	-	-	6	58	7
Germany (Fr. Zone)	3	29	-	21	-	8	-	-	-	-	-	-	-	-	3	58	6½
Andorra	1	8½	-	-	-	-	-	-	-	-	-	-	-	-	1	8½	1
Saudi Arabia	10	16	0	0	-	-	2	2	0	0	1	1	2	2	15	21	21
Argentine Rep.	43½	48	0	0	87	77	48	41	2	7	6	9	7	3	193½	185	217
Australia	55½	55½	14	13	29	29	23½	23½	14½	18½	7	4	28	25	171½	168½	200½
Austria	12	15	9	11	2	2	2	2	0	0	0	0	0	0	25	30	35½
Belgium	6½	6	5½	8	5	9	2	6	11½	8	2	6	0	0	32½	43	43
Belorussia (SSR)	0	18	5	53	15	14	9	11	9	7	0	2	2½	0	40½	110	54
Burma	14	25	3	5	4½	5½	9½	18½	8	10	10½	7	6½	8½	56	79½	67½
Bolivia	29	43	0	0	5	6	16½	27	12	3	0	0	0	0	62½	79	78
Brazil	84½	39	0	0	77½	71	40	40	28	26	0	0	2	2	232	228	227
Bulgaria (PR)	16	36	6	2	4	4	2	0	0	0	1	0	0	0	29	42	39
Canada	92	135	0	0	35½	43½	14½	5	3	5	2	2	2	0	149	191	191½
Ceylon	0	0	3½	3½	10½	8	17	15	3	10½	0	4	10½	6½	44½	47½	51½
Chile	51½	67	0	0	33	52	42	51	4	14½	2	2	4½	4½	137	191	152½
China	31	37	20	35½	64½	78	41	47	19	19	0	0	16	19	191½	235½	235½
Vatican City	10	13½	8½	10½	10½	16	4	5½	2½	2½	2	1½	1½	1½	39	51	53
Colombia	12½	39	-	-	36	29	16½	14	10	7	2	4½	2	2	79	95½	89½
Portuguese Col.	29	46	48	72½	40	51	9	12	7½	7½	4	4	9½	9½	147	202½	209½
U.K. Colonies	54½	98	39½	164	68	61½	8	2	4	0	5	0	0	0	229	325½	317½
French OS Terr.	98	133½	43	88	60½	69	44	51	19	17½	11	14½	4½	2½	280	376	379½

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Belgian Congo	17½	29½	20	29	13	19½	10	11½	8	0	0	8	0	0	68½	97½	97½
Costa Rica	13	18	0	0	16	16	0	0	0	0	0	0	0	0	29	34	34
Cuba	36	46	0	0	45	47	31	31	8	8	-	-	-	-	120	132	132
Denmark	8	7	1½	4	1½	0	0	1½	2	2	0	0	0	0	13	14½	18
Dominican Rep.	28	30	0	0	10	10	11	11	0	0	0	0	0	0	49	51	58
Egypt	7½	17	12	14	7	7	3	3	9	9	1½	1½	0	0	40	51½	55½
El Salvador	23	49	-	-	21	30	9½	13½	0	0	0	18	0	0	53½	110½	64½
Ecuador	30	38	0	0	12	12	9½	11	4	6	4	2	3	3	62½	72	72
Spain	12½	17	12½	15½	5	15½	1	18	2	3	0	6	0	3	33	78	47
U.S.A	47	104	0	0	36	72	34½	34	15	16	2	29	12	8	146½	283	201
Ethiopia	9½	20	2½	23	12½	24½	11½	21	0	10	4	13	3	5	43	124½	58½
Finland	9	9	0	0	7	7	3	4	3	3	3	3	0	0	25	26	34½
France	61½	67½	21	20	2½	40½	33	33	18	13½	9	13½	0	0	176	189	247½
Greece	1	9	1½	24½	2	12½	1	3	0	0	0	1	0	2	5½	52	6
Guatemala	35	187	0	0	19	204	4	119	3	63	0	51	3	85	64	714	74
Haiti	10½	21	0	0	5	9	0	3	0	0	3	3	0	11	18½	47	23
Honduras	18	22	0	0	4	4	0	4	0	4	0	0	0	0	22	34	26
Hungary (PR)	14	12	4½	9	6	9	-	-	-	-	-	-	-	-	24½	30	33
India	54	148½	77½	78	33½	49	34½	29½	21½	19½	44	26½	10½	13½	275½	364½	308½
Indonesia	54½	50½	42	57½	40	36	16	15½	0	0	2	0	1½	0	156	159½	208
Iran	7½	16	11	0	6	16	5	0	3	10	0	0	2	0	34½	48	40
Iraq	5½	13	6½	4	10½	6	1	1	6	7	0	3	0	7	29½	41	24½
Ireland	6	6	1	1	0	0	2	2	1	1	3	3	0	0	13	13	18
Iceland	1	1	0	1	4	3	0	0	0	0	0	0	0	0	5	5	6
Israel	9	19	0	14	0	5	0	5	0	2½	0	6½	0	0	0	52	0

COUNTRY	6		7		9		11		15		17		21		P.P. Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Italy	30	40	1	6	7	5	6	6	0	0	11	18	10	8	65	84	92½
Italian Somaliland	0	11	0	3	0	9	0	0	0	0	0	2	0	0	0	30	0
Japan	27	38	18½	18	12	12	4½	5	0	2	1	1	2	1	65	77½	88½
Jordan	0	8	0	11	0	9	0	0	0	0	0	0	0	0	0	28	0
Lebanon	4	18	0	7	2	9	0	2	1	0	0	0	0	0	7	36	9
Liberia	0	0	2½	4	5	7	5	5	0	0	0	0	3	3	15½	19	19
Luxembourg	9½	17	4½	2½	0	0	1	1	0	2	1	0	0	0	16½	23	21½
Mexico	44	44	0	0	62	62	26	26	14	18	0	0	6	11	152	161	178
Monaco	11½	12½	0	0	8	7	0	0	0	0	0	0	0	0	19½	19½	26
Mongolia (PR)	34	49	12½	14	9½	11½	2	2	3	3	-	-	-	-	61	79½	79½
UNO	12½	13	4	4	11	11	15	15	0	5	2½	2½	0	0	45	50½	63
Nicaragua	48	58½	0	0	17	17	14	14	0	11	0	0	0	0	79	100½	90½
Norway	7	7	5	5	21	19½	9	9	4	4	0	0	0	0	46	44½	63½
New Zealand	0	0	0	0	8	5	25	19	12	21	0	0	0	0	45	45	45
Pakistan	22½	39	27	42	30	32½	3	2	19½	20	5	5	0	0	107	140½	141
Palestine (Eg.Z)	0	19	0	5	0	4	0	0	0	2	0	0	0	0	0	30	0
Palestine(Jord.Z)	0	6	0	13	0	8	0	0	0	3	0	0	0	0	0	30	0
Palestine(Syr.Z)	0	12	0	0	0	3	-	-	-	-	-	-	-	-	0	15	0
Panama	22	28	0	0	11	9	6	11	3	0	0	0	0	0	42	48	48
Paraguay	23	23	-	-	15	15	19½	19½	0	0	-	-	-	-	57½	57½	60½
Netherlands	37½	68½	0	19	7	21½	15	22	8	11	6	6½	4½	0	78	148½	98½
Peru	35	42	0	0	17	17	0	0	0	0	-	-	-	-	52	59	59
Philippines	4	36	14½	56	36	52	-	-	3	5	-	-	3	8	65½	157	71½
Poland	18	30½	7	20	11	13	6	7	14½	14	0	0	0	0	56½	84½	79½
Portugal	11	20	16½	27	14	18	12½	15½	3	7	2½	5½	2	8	66½	101	89½

COUNTRY	6		7		9		11		15		17		21		P.P Total	Req. Total	Basic Plan
	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ	PP	REQ			
Morocco & Tunisia	12 $\frac{1}{2}$	20 $\frac{1}{2}$	9	8 $\frac{1}{2}$	7	5	5	3	4	2	1	0	0	0	38 $\frac{1}{2}$	39	55 $\frac{1}{2}$
Yugoslavia (PFR)	20 $\frac{1}{2}$	21	9	7	8	14	9	12	7	7	3	5	0	0	56 $\frac{1}{2}$	66	80 $\frac{1}{2}$
Ukraine (SSR)	8 $\frac{1}{2}$	53	21	66	10	22	20	6	3	8	0	0	0	0	62 $\frac{1}{2}$	155	87
Southern Rhodesia	0	0	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3	3	0	0	0	0	0	0	0	0	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$
Roumania (PR)	21 $\frac{1}{2}$	46	5 $\frac{1}{2}$	21 $\frac{1}{2}$	12	14	14	8	0	3	3 $\frac{1}{2}$	0	1	0	57 $\frac{1}{2}$	92 $\frac{1}{2}$	80 $\frac{1}{2}$
United Kingdom	55	117	41	89	75	88 $\frac{1}{2}$	50	63	61	64	27 $\frac{1}{2}$	33 $\frac{1}{2}$	26 $\frac{1}{2}$	21	342	476	452 $\frac{1}{2}$
Sweden	16	24	11	20	6 $\frac{1}{2}$	1 $\frac{1}{2}$	5	5	2	2	0	0	0	0	40 $\frac{1}{2}$	52 $\frac{1}{2}$	56
Switzerland	12 $\frac{1}{2}$	12 $\frac{1}{2}$	7	7	13	13	10 $\frac{1}{2}$	10 $\frac{1}{2}$	2	2	3	3	6	6	54	54	77
Syria	7	13	7 $\frac{1}{2}$	7	3 $\frac{1}{2}$	5	2	0	5	4	0	0	0	2	25	31	35 $\frac{1}{2}$
Tangier (USA)	2	38	6 $\frac{1}{2}$	19	3	22	3	16	13	19	-	5	0	0	27 $\frac{1}{2}$	119	36
Czechoslovakia	17 $\frac{1}{2}$	35 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	20 $\frac{1}{2}$	36	7 $\frac{1}{2}$	16	7	3	3 $\frac{1}{2}$	1 $\frac{1}{2}$	0	0	58 $\frac{1}{2}$	94 $\frac{1}{2}$	78
U.S. Territories	4	19	0	0	6	33	12	15	4	30	2	34	12	19	40	150	47
Thailand	12 $\frac{1}{2}$	15	18 $\frac{1}{2}$	23	11	11	0	2	0	0	1	1	-	-	43	52	52
Turkey	3 $\frac{1}{2}$	4	13 $\frac{1}{2}$	13 $\frac{1}{2}$	9 $\frac{1}{2}$	10	2	2	0	0	1	0	6	6	35 $\frac{1}{2}$	35 $\frac{1}{2}$	44 $\frac{1}{2}$
South Africa	0	73	68 $\frac{1}{2}$	0	2	2	1	0	2	2	5	6	7	7	85 $\frac{1}{2}$	90	89
U.S.S.R	59 $\frac{1}{2}$	258	104	171	96 $\frac{1}{2}$	157	98	89	60	88	46	23	24	8	488	794	670
Uruguay	25	36 $\frac{1}{2}$	0	0	36	36	18	23	10 $\frac{1}{2}$	9	11	9 $\frac{1}{2}$	3	0	103 $\frac{1}{2}$	114	115 $\frac{1}{2}$
Venezuela	31 $\frac{1}{2}$	35 $\frac{1}{2}$	0	0	36 $\frac{1}{2}$	36 $\frac{1}{2}$	19 $\frac{1}{2}$	19 $\frac{1}{2}$	2	2	3 $\frac{1}{2}$	3	0	0	93	96 $\frac{1}{2}$	100 $\frac{1}{2}$
Yemen	0	8	0	13	0	7	0	0	0	0	0	0	0	0	0	28	0
Totals	1891	3477	914 $\frac{1}{2}$	1554 $\frac{1}{2}$	1607 $\frac{1}{2}$	2205 $\frac{1}{2}$	1027	1219 $\frac{1}{2}$	536	757	270	414	254	331	6500	9958 $\frac{1}{2}$	
Total additional requirements per band	1586		640		598		192 $\frac{1}{2}$		221		144		77		3458 $\frac{1}{2}$		

International High Frequency
Broadcasting Conference

—
Firenze/Rapallo - 1950
—

Document No. 191-E
20 mai 1950

E G Y P T

Reservation

The Egyptian Delegation wishes to make it clear, that the decision reached at the 9th meeting of the Plenary Assembly on 10 May, concerning the assignment of frequencies for Palestine, should in no way be considered as a recognition by the Egyptian Government of the present state of affairs in Palestine.

This decision should in no way prejudice the natural right of the people of Palestine to decide their own fate, nor the final settlement of the Palestinian question.

Anis EL BARDAI

For the Egyptian Delegation



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.192-E
23 May, 1950

S Y R I A

PROXY

The Chairman of the Conference has received the following telegram=

CHAIRMAN CIRAF CONFERENCE RAPALLO ITALY. CT. AZIZ + + RAPALLO CIRAF DAMAS
STA 6 28 22 10 CONFERENCE = + AS OUR DELEGATION WAS CABLED BACK TO
SYRIA FOR NECESSARY MATTERS COMMA MR AZIZ PAKISTAN DELEGATE REPRESENTS
SYRIA BY PROXY STOP REGARDS - GENTEL -



Firenze/Rapallo - 1950

R E P O R T
OF SUB-WORKING GROUP 3 REVISED AND
ADOPTED BY WORKING GROUP 4

The terms of reference of this Sub-Working Group were revised as given hereunder during the meeting of Working Group 4 A on 28 April 1950 :

"To examine to what extent the clauses provided for in the directives contained in the Mexico City Agreement (Annex 2, Page 29) have been observed by the TPC and to make known in the light of observations presented by the various countries on the Paris plans, whether the results have in general, given satisfaction."

Consequently, the previous report of this Sub-Working Group, as contained in Doc.78, was revised in accordance with the modified terms of reference.

The Sub-Working Group studied Doc.25 of the Florence Session of the TPC (which contains a summary of the comments of countries on the Paris plans), the report of Sub-Working Group 4 A-1 on information received during the interviews it conducted to obtain the views of delegations on the Paris plans, and such other information as was communicated to the Sub-Working Group by Mr. Axon, Chairman of 4 A-1.

After a preliminary discussion of the documents referred to above, a limited group was created with U.S.A. as Chairman and France, Indonesia and Mexico as members, to prepare a detailed analysis of the information referred to in the preceding paragraph.

The Sub-Group collected and analysed the comments of Administrations referring to each of the clauses of the directives given to the TPC. (as published in the Mexico Agreement, Annex 2, Chapter IV, pages 29 and 30) The following conclusions are the result of this work:

- a) No comment.
- b) (1) Countries, in general, have not made any specific comments although they have remarked on "total deletion of programs" and "rearrangements of program schedules". The number of countries that disagreed on this aspect of continuity of programs as classified under these two headings, are 6 and 36 respectively.



- b) (2) No comments.
- c) (1) Two countries have expressed the opinion that the procedure followed by the TPC does not correspond to the directives of the Mexico City Conference in so far as strictly proportional reductions were concerned, particularly at peak periods, whereas it was precisely for peak periods that such proportional reductions were asked for.
- o) (2) The comments of countries classified under "non-proportional reductions particularly at peak periods" and "total deletion of programs" have a bearing on this point although it is difficult to state with greater precision the views of countries on this point. The number of countries in these two categories are 2 and 6 respectively.
- c) (3) 24 countries have protested against low protection ratio of certain shared assignments, although, in general, they have not stated precisely whether the protection ratio of the corresponding assignments of the basic plan itself was poor or the TPC did not faithfully reproduce the protection ratios that existed in the basic plan for the corresponding assignments. In general, countries did not wish to accept protection ratios inferior to 40 db even for a very small fraction of the total transmission time.
- d) No Administration has commented on the non-observance of uniform reductions of the total number of channel hours. However, regarding the second paragraph, some countries have stated that the dotted line assignments of the Paris draft plans (which fall into the category of channel hours that could be assigned without prejudice to other countries) should be converted into full line assignments.

Certain Administrations have complained of the non-systematic conversion of frequencies. Other Administrations have stated that the bands that had been assigned to them were not the most appropriate in their opinion. However, the latter Administrations did not state whether the frequencies in question were or were not the result of a conversion in accordance with the technical standards and data accepted at Mexico City.

Further, some countries desired to stay on the same band during the various phases of the plan provided that such a frequency produces a reasonably good signal even though this is not the optimum one.

- e) No opinions have been expressed by any of the countries on this point.

The following points, although not strictly and directly covered by the terms of reference, came to the notice of Sub-Group 3 of Working Group 4 from a study of the comments of countries on the Paris plans and this information is being transmitted to the Working Group for whatever use it may deem fit.

1. Ten countries disagreed completely with the 6 phases of the plan drawn up by the TPC.
2. Six countries completely disagreed with the December 40 Plan and suggested redrafting of the same.
3. There is one country that disagreed with the TPC on its decision regarding bilateral agreements but the Sub-Working Group does not feel it necessary to make any detailed comments on this point because this question has been dealt with in detail by another sub-group.
4. Nineteen countries disagreed with the grouping of the channels in the same band and suggested a reduction of the total number of channels in each band assigned to the respective countries to the minimum possible number. Three countries suggested that the same channels should be maintained through the various phases of the plan.
5. Some countries desired to submit their latest requirements on the basis of the phase of the plan involving the maximum reductions.

The Sub-Working Group draws the attention of Working Group 4 A to the fact that the conclusions drawn above are based completely on the interpretation of the comments of countries as given by the TPC in some cases and by Sub-Working Group 4 A-1, in others. It is understood that the actual comments of Administrations represent the true expression of their opinions. Consequently, the data in this document is given simply for information.

The Sub-Working Group draws the attention of Working Group 4 A also to the fact that it has completed its work basing itself on the comments of countries but that it has not attempted to determine in an absolute manner whether the TPC had respected the terms appearing in the directives contained in the Mexico City agreement. Such a study will obviously entail a considerable amount of work and it is therefore up to the Working Group to decide whether this detailed study should be carried out by the Sub-Group.

M.L. SASTRY

Chairman

Sub-Working Group 4 A-3

A N N E X I

SUMMARY OF COMMENTS
(Doc. 25-Flo. TPC)
WITH ADDITIONAL COMMENTS
RECEIVED BY W.G. 4 A.1. (CIRAF)

Disagrees with :

1. Complete TPC phases involving 6 new plans.
 2. December 40 phase involving a new plan.
 3. The unsystematic method of conversion.
 4. Non proportional reductions (particularly at peak periods).
 5. Possibility of non-confirmation of dotted line assignments.
 6. Final decision of TPC on bilateral agreements.
 7. Band assignment.
 8. Poor grouping of channels in same band.
 9. Fact that same channels are not maintained through all six phases.
 10. Protection ratios.
 11. Total deletion of programs.
 12. Rearrangement of program schedules within the totals of the Paris plans. (It cannot be accurately stated whether these rearrangements were requested as a result of the work of the TPC or otherwise).
-

Note : X. = written comments

O = oral comments (additional to written comments and differing from them).

	1	2	3	4	5	6	7	8	9	10	11	12
Afghanistan												
Albanie (RP)												
Allemagne (Z. Am.)												
Allemagne (Z. Br.)												
Allemagne (Z. Fr.)												
Allemagne (Z. Sov.)												
Andorre												
Arabie Saoudite												
+ Argentine							X			X		X
+ Australie					0							X
+ Autriche							X			X	X	0
+ Belgique	X						X			0		X
Biélorussie (RSS)												
Birmanie												
Bolivie												
Brésil												
Bulgarie (RP)												
+ Canada							X	X		X		
+ Ceylan							X					X
Chili												
<u>Total:</u>	1	0	0	0	1	0	5	1	0	4	1	5

Dn/Ab

	1	2	3	4	5	6	7	8	9	10	11	12
Chine												
+ Cité du Vatican		X		X			0	X		X		X
Colombie												
+ Colonies portugaises	X						X				X	
+ Colonies du Royaume-Uni							X			X		X
+ Congo Belge	X			X			X			X		X
Costa Rica												
Cuba												
+ Danemark								X		X		X
Dominicaine (Rép.)												
+ Egypte							X	X		X		X
El Salvador												
Equateur												
Espagne												
+ Etats-Unis d'Amérique	0											
Ethiopie												
+ Finlande		0			0		X	X		0	X	0
+ France			X			X	X	X		X	X	
+ France d'Outre-mer		X						X	X			X
+ Grèce	X											
<u>Total:</u>	4	3	1	2	1	1	7	6	1	7	3	7

	1	2	3	4	5	6	7	8	9	10	11	12
Guatémala												
+ Haïti											X	X
Honduras												
+ Hongrie (RP)	X											
+ Inde					X		X	X		0		X
+ Indonésie							X	X	0	X		X
+ Iran										X		X
Irak												
+ Irlande										X		X
+ Islande							X					
Israël												
+ Italie		X					X	X		X		X
Japon												
Jordanie												
+ Liban								X				X
Libéria												
+ Luxembourg							X	X				X
+ Maroc et Tunisie							X			X		X
+ Mexique		X			X		X			X		X
+ Monaco												X
<u>Total:</u>	1	2	0	0	2	0	7	5	1	7	1	11

Dn/Ab

	1	2	3	4	5	6	7	8	9	10	11	12
Mongolie (RP)												
+ Nations Unies		X										X
+ Nicaragua							0					0
+ Norvège							0					X
+ Nlle Zélande					0		X					
+ Pakistan							X	X		X		X
Panama												
Paraguay												
+ Pays-Bas	X											
Pérou												
Philippines												
+ Pologne	X											
+ Portugal	X						0		0			
+ Rhodésie du Sud												X
Roumanie (RP)												
+ Royaume-Uni							X			X		X
+ Suède							X	X		X		
+ Suisse							0	0				X
+ Syrie							X			0	X	
Tanger (USA)												
<u>Total:</u>	3	1	0	0	1	0	9	3	1	4	1	7

	1	2	3	4	5	6	7	8	9	10	11	12
+ Tchécoslovaquie	X						X	X				X
Territoires des Etats-Unis												
Thaïlande												
+ Turquie							X	X		X		X
Ukraine (RSS)												
+ Union de l'Afri- que du Sud							X	X				X
URSS												
+ Uruguay							X	X		X		X
+ Vénézuëla					X							X
Yémen												
+ Yougoslavie (RFP)							X					X
<u>Total:</u>	1	0	0	0	1	0	5	4	0	2	0	6
<u>Total Général:</u> =====	10	6	1	2	6	1	33	19	3	24	6	36

Dn/Ab Note: The above statistics are based on the interpretation of the comments of countries by the T.P.C. as well as by W.G. 4 A - 1.

Out of the 91 cases considered, 49 (marked with asterisk) submitted comments and 42 did not.-

R E P O R T
of
SUB-WORKING GROUP 3
of Working Group 4

The terms of reference of this Sub-Working Group were revised as given hereunder during the meeting of Working Group 4 A on 28 April 1950 :

"To examine to what extent the clauses provided for in the directives contained in the Mexico City Agreement (Annex 2, Page 29) have been observed by the TPC and to make known in the light of observations presented by the various countries on the Paris plans, whether the results have in general, given satisfaction."

Consequently, the previous report of this Sub-Working Group, as contained in Doc.78, was revised in accordance with the modified terms of reference.

The Sub-Working Group studied Doc. 25 of the Florence Session of the T.P.C. (which contains a summary of the comments of countries on the Paris plans), the report of Sub-Working Group 4 A-1 on information received during the interviews it conducted to obtain the views of delegations on the Paris plans, and such other information as was communicated to the Sub-Working Group by Mr. Axon, Chairman of 4 A-1.

After a preliminary discussion of the documents referred to above, a limited group was created with U.S.A. as Chairman and France, Indonesia and Mexico as members, to prepare a detailed analysis of the information referred to in the preceding paragraph. The results of the work of this group are annexed to this report.

The various clauses of the directives to the T.P.C. (as contained in Mexico City Agreement, Annex 2, Chap.IV, pages 29 and 30) were examined in the light of the comments from countries on the Paris plans and the conclusions of the sub-group are given below :

- a) No comment.
- b) (1) Countries, in general, have not made any specific comments although they have remarked on "total deletion of programs" and "rearrangements of program schedules". The number of countries that disagreed on this aspect of continuity of programs as classified under these two headings, are 6 and 36 respectively.

- b) (2). No comments.
- c) (1). Two countries have expressed the opinion that the procedure followed by the TPC does not correspond to the directives of the Mexico City Conference in so far as strictly proportional reductions were concerned, particularly at peak periods, and this proportionate reduction at peak periods was asked for.
- c) (2). The comments of countries classified under "non-proportional reductions particularly at peak periods" and "total deletion of programs" have a bearing on this point although it is difficult to state with greater precision the views of countries on this point. The number of countries in these two categories are 2 and 6 respectively.
- c) (3). 24 countries have protested against low protection ratio of certain shared assignments, although, in general, they have not stated precisely whether the protection ratio of the corresponding assignments of the basic plan itself was poor or the TPC did not faithfully reproduce the protection ratios that existed in the basic plan for the corresponding assignments. In general, countries did not wish to accept protection ratios inferior to 40 db even for a very small fraction of the total transmission time.
- d) No Administration has commented on the non-observance of uniform reductions of the total number of channel hours. However, regarding the second paragraph, some countries have stated that the dotted line assignments of the Paris draft plans (which fall into the category of channel hours that could be assigned without prejudice to other countries) should be converted into full line assignments.

Certain countries have complained of non-systematic conversion of frequencies and stated that the bands assigned to them are not the ones most appropriate in their opinion. However, they do not, in general, state whether the frequencies assigned by the TPC are or are not in accordance with the technical standards and data accepted at Mexico City.

Further, some countries desired to stay on the same band during the various phases of the plan provided that such a frequency produces a reasonably good signal even though this is not the optimum one.

- e) No opinions have been expressed by any of the countries on this point.

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° °

The following points, although not strictly and directly covered by the directives of the Mexico City Conference, came to the notice of Sub-Working Group 4 A-3 from a study of the comments of countries on the Paris plans and this information is being transmitted to the Working Group for whatever use it may deem fit.

1. Ten countries disagreed completely with the 6 phases of the plan drawn up by the TPC.
2. Six countries completely disagreed with the December 40 Plan and suggested redrafting of the same.
3. There is one country that disagreed with the TPC on its decision regarding bilateral agreements but the Sub-Working Group does not feel it necessary to make any detailed comments on this point because this question has been dealt with in detail by another sub-group.
4. Nineteen countries disagreed with the grouping of the channels in the same band and suggested a reduction of the total number of channels in each band assigned to the respective countries to the minimum possible number. Three countries suggested that the same channels should be maintained through the various phases of the plan.
5. Some countries desired to base their latest requirements on the maximum reductions that are to be effected in any of the phases of the plan.

The Sub-Working Group draws the attention of Working Group 4 A to the fact that the conclusions drawn above are based completely on the interpretation of the comments of countries as given by the TPC in some cases and by Sub-Working Group 4 A-3, in others.

The Sub-Working Group draws the attention of Working Group 4 A also to the fact that it has completed its work basing itself on the comments of countries but that it has not attempted to determine in an absolute manner whether the TPC had respected the terms appearing in the directives contained in the Mexico City agreement. Such a study will obviously entail a considerable amount of work and it is therefore up to the Working Group to decide whether this detailed study should be carried out by the Sub-Group.

M.L. SASTRY

Chairman

Sub-Working Group 4 A-3

A N N E X I

SUMMARY OF COMMENTS
(Doc. 25-Flo. TPC)
WITH ADDITIONAL COMMENTS
RECEIVED BY W.G. 4 A.1. (CIRAF)

Disagrees with :

1. Complete TPC phases involving 6 new plans.
 2. December 40 phase involving a new plan.
 3. The unsystematic method of conversion.
 4. Non proportional reductions (particularly at peak periods).
 5. Possibility of non-confirmation of dotted line assignments.
 6. Final decision of TPC on bilateral agreements.
 7. Band assignment.
 8. Poor grouping of channels in same band.
 9. Fact that same channels are not maintained through all six phases.
 10. Protection ratios.
 11. Total deletion of programs.
 12. Rearrangement of program schedules within the totals of the Paris plans. (It cannot be accurately stated whether these rearrangements were requested as a result of the work of the TPC or otherwise).
-

Note : X = written comments

O = oral comments (additional to written comments and differing from them).

	1	2	3	4	5	6	7	8	9	10	11	12
Afghanistan												
Albanie (RP)												
Allemagne (Z. Am.)												
Allemagne (Z. Br.)												
Allemagne (Z. Fr.)												
Allemagne (Z. Sov.)												
Andorre												
Arabie Saoudite												
+ Argentine							X			X		X
+ Australie					0							X
+ Autriche							X			X	X	0
+ Belgique	X						X			0		X
Biélorussie (RSS)												
Birmanie												
Bolivie												
Brésil												
Bulgarie (RP)												
+ Canada							X	X		X		
+ Ceylan							X					X
Chili												
<u>Total:</u>	1	0	0	0	1	0	5	1	0	4	1	5

Dn/Ab

	1	2	3	4	5	6	7	8	9	10	11	12
Chine												
+ Cité du Vatican		X		X			0	X		X		X
Colombie												
+ Colonies portugaises	X						X				X	
+ Colonies du Royaume-Uni							X			X		X
+ Congo Belge	X			X			X			X		X
Costa Rica												
Cuba												
+ Danemark								X		X		X
Dominicaine (Rép.)												
+ Egypte							X	X		X		X
El Salvador												
Equateur												
Espagne												
+ Etats-Unis d'Amérique	0											
Ethiopie												
+ Finlande		0			0		X	X		0	X	0
+ France			X			X	X	X		X	X	
+ France d'Outre-mer		X						X	X			X
+ Grèce	X											
<u>Total:</u>	4	3	1	2	1	1	7	6	1	7	3	7

	1	2	3	4	5	6	7	8	9	10	11	12
Guatémala												
+ Haïti											X	X
Honduras												
+ Hongrie (RP)	X											
+ Inde					X		X	X		0		X
+ Indonésie							X	X	0	X		X
+ Iran										X		X
Irak												
+ Irlande										X		X
+ Islande							X					
Israël												
+ Italie		X					X	X		X		X
Japon												
Jordanie												
+ Liban								X				X
Libéria												
+ Luxembourg							X	X				X
+ Maroc et Tunisie							X			X		X
+ Mexique		X			X		X			X		X
+ Monaco												X
<u>Total:</u>	1	2	0	0	2	0	7	5	1	7	1	11

	1	2	3	4	5	6	7	8	9	10	11	12
Mongolie (RP)												
+ Nations Unies		X										X
+ Nicaragua							0					0
+ Norvège							0					X
+ Nlle Zélande					0		X					
+ Pakistan							X	X		X		X
Panama												
Paraguay												
+ Pays-Bas	X											
Pérou												
Philippines												
+ Pologne	X											
+ Portugal	X						0		0			
+ Rhodésie du Sud												X
Roumanie (RP)												
+ Royaume-Uni							X			X		X
+ Suède							X	X		X		
+ Suisse							0	0				X
+ Syrie							X			0	X	
Tanger (USA)												
<u>Total:</u>	3	1	0	0	1	0	9	3	1	4	1	7

	1	2	3	4	5	6	7	8	9	10	11	12
+ Tchecoslovaquie	X						X	X				X
Territoires des Etats-Unis												
Thaïlande												
+ Turquie							X	X		X		X
Ukraine (RSS)												
+ Union de l'Afri- que du Sud							X	X				X
URSS												
+ Uruguay							X	X		X		X
+ Vénézuëla					X							X
Yémen												
+ Yougoslavie (RFP)							X					X
<u>Total:</u>	1	0	0	0	1	0	5	4	0	2	0	6
<u>Total Général:</u> =====	10	6	1	2	6	1	33	19	3	24	6	36

Dn/Ab Note: The above statistics are based on the interpretation of the comments of countries by the T.P.C. as well as by W.G. 4 A - 1.

Out of the 91 cases considered, 49 (marked with asterisk) submitted ~~comen~~ts and 42 did not.-

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.194-E
24 May 1950

COMMITTEE 5

UNITED KINGDOM

on Time Interval for Frequency Transfer

This is to put forward a viewpoint on the proposal of Para 5 of Document No.170.

At the time of transfer of a frequency it is necessary to allow adequate time for the operations listed below to be satisfactorily carried out. These are necessary not only to ensure a satisfactory transmission but also to verify that no interference to other users will be caused. At the same time, all organisations will want to start their advertised programmes exactly on the hour. From this it follows that these operations must be carried out before the hour and that the definition of the channel hour must make an appropriate provision for this to be realised.

The operations and the estimated time for their completion are as follows :

- | | |
|--|----------|
| 1. Verification of transmitter and antenna adjustment tuning etc | 40 secs |
| 2. Verification of modulation level and transmitted wave characteristics | 30 secs |
| 3. Transmission of station identification signal to enable listeners to find the new frequency | 40 secs |
| Total | 110 secs |

It is therefore proposed that transmission on a frequency due to be transferred should cease at H-120 secs and that the new user should not transmit on the frequency earlier than H-110 secs.

Dn/Vt



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 195-E
24 May, 1950

COMMITTEE A

UNITED STATES OF AMERICA

The President of the Conference has received the following letter from
the Head of the Delegation of the United States of America.

Rapallo, May 19, 1950

My dear Mr. President,

At the request of the Government of the Republic of Korea, received today, I transmit a statement purporting to contain the requirements of that Government for high frequency broadcasting transmissions. I am informed that a letter from the Department of Communications of Korea to the Chairman of the High Frequency Broadcasting Conference presenting the Korean requirements has already been airmailed. I am presenting this preliminary statement at the request of the Government of the Republic of Korea in order to meet the deadline previously set as mid-day of May 20, 1950.

Respectfully,

J. Paul Barringer
Chairman
United States Delegation

Enclosure :

Copy of requirements sheet
in duplicate

The President,
International Telecommunication Union,
High Frequency Broadcasting Conference,
Rapallo, Italy.



HIGH FREQUENCY BROADCASTING SERVICE

ANNEX TO DOC. No. 195-E

Requirement Number	Transmitter Location	Region (s) of Intended Reception	Intended Minimum Distance of Reception (KM)	Intended Maximum Distance of Reception (KM)	Hours of Transmission for Region(s) Named in Column 3 (G.M.T.)	Power Delivered to Antenna (KW)	Azimuth of Main Radiation Degrees from True North	Approximate Gain of Antenna in Main Azimuth at each Frequency (Optional)	Width of Main Lobe to First Minimum (Optional)	In Use or Proposed (KC/s)	Date of Notification to B.U.I.T.	Date of entry into Service	Order of Frequencies Desired (MC/s)	Frequency Cross Index Number	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Seoul 127- 56-E 37 - OOM	United States Area	9,000	10,000	0500-0700 1500-1600	50	48					1.11 1950	17		
2	Seoul	Hawaiian Island pacific Area	7,000	7,000	0800-1000 1700-1800	50	84					1.11 1950	11		
3	Seoul	South America Area	14,500	19,200	0100-0300 1100-1200	50	58					1.11 1950	21		
4	Seoul	European Area	5,000	7,000	0700-0800 2200-2400	50	222					1.11 1950	15		
5	Seoul	North China Area	2,500	3,000	2200-1600	7.5 omni						1.7 1950	9		

International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No. 196-E
24 May 1950

COMMITTEE 4

DOMINICAN REPUBLIC

The Secretary of the C.I.R.A.F. has received the
following letter from the Head of the Delegation
of the Dominican Republic :

Rapallo, 23 May, 1950

To the Secretary of the C.I.R.A.F.

Sir,

In conformity with instructions just received from
my Administration, I have the honour to inform you that the
latter does not agree with the Plans of T.P.C., Paris,
that it maintains its initial requirements submitted in
Mexico City and will accept only those reductions and
transfers which are strictly necessary in the various
phases of the Plan.

I should be obliged if you would kindly take the
necessary action concerning this letter.

I remain, Sir,

Your obedient Servant

Emilio Rodriguez Demorizi

Delegate of the Dominican Republic.



International High Frequency
Broadcasting Conference

Firenze/Rapallo - 1950

Document No.197-E
25 May 1950

N O R W A Y

The Chairman of the Conference has received the following letter from
the Norwegian Ministry of Foreign Affairs :

" MINISTRY OF FOREIGN
AFFAIRS

Oslo, 19 May 1950

Sir,

With reference to my letter of 21 March, I have the honour to inform you
that the Royal Norwegian Government has appointed Mr. Jacob Gustav FOSS SUNDE,
Chief Engineer, as its representative at the Second Session of the International
Administrative High Frequency Broadcasting Conference, in place of
Mr. Olaf MOE, Chief Engineer.

I remain, Sir,

Your obedient servant,

For the Minister :

Peter ANKER
Director of Political
Affairs

To the Chairman
International Administrative
High Frequency Broadcasting Conference,
F l o r e n c e . "



Dn/Cp

BROADCASTING IN THE 3900-3950 AND 3950-4000 KC/S BANDS

The Chairman of the Conference has received the attached letter from the Chairman of the Provisional Frequency Board (P.F.B.)(Annex I). It contained enclosures from which some extracts likely to be of interest to the Conference are given in Annexes 2, 3, 4.

4 Annexes.

Dn/Vt



ANNEX I to Document No. 198-E

Letter from the Chairman of the P.F.B. to the Chairman of the
High Frequency Broadcasting Conference.

Geneva, 18th April, 1950

The Chairman,
International High Frequency Broadcasting Conference (CIRAF),
Palazzo Strozzi,
FLORENCE.

Dear Sir,

During the 38th Plenary Session, held from 25th to 28th February 1950, the Provisional Frequency Board decided to transmit to the International High Frequency Broadcasting Conference, Florence, for information, the report of P.F.B. Working Group No. 2 charged with the preparation of the draft of the new International Frequency List in respect of the spectrum between 3,900 and 4,000 kc/s.

I have, therefore, the honour to send you herewith, in French, English and Spanish:-

- 1) Doc. 704 (2nd edition): Report by Working Group No.2.
- 2) Annex to Doc.704 (2nd edition): Draft of the new International Frequency List for the bands D (3,900-3950 kc/s) and E (3,950-4,000 kc/s).
- 3) Doc. 757: Minutes of the 38th Plenary Session of the P.F.B.

You will note from para. 40 of the latter document that the Board decided not to adopt the Recommendation of Working Group No. 2 given in para. 1.1 of Doc. 704. This question will therefore be referred to the Extraordinary Administrative Conference, which will take place at the Hague in September 1950.

I remain at your disposal for any additional information that may be required by the Conference.

Yours faithfully,

R.PETIT
Acting-Chairman of the
PROVISIONAL FREQUENCY BOARD

ANNEX II to Document No. 198-E

Extracts from the Minutes of the 38th and last Plenary Assembly of the P.F.B. (Geneva, 25 February 1950).

- P.F.B. Document No.757.

BANDS D & E (3900 - 3950 - 4000 kc/s) - Doc. No.704.

34. Col. Loyer (France) drew attention to para. 1.1 in Section II, part B of the Report, concerning the recommendation to refer the broadcasting requirements to the Florence Conference for examination. As the Report mentioned, it had been quite impossible to make an assignment plan for the broadcasting services, particularly in the European Region, since the requirements were twenty times greater than the available spectrum; and consequently anything that could be done by the P.F.B., in the absence of broadcasting representatives, would certainly be bad work. Consequently, he asked the Assembly to express an opinion on his proposal to refer the matter to the Florence Conference, with a request that that Conference should try to draw up an assignment plan within a band of 20 kc/s. His reason for suggesting 20 kc/s was because Band E was 50 kc/s wide and since it was divided between two services, the fixed service and broadcasting, it might be thought fair to divide the band in two, which would make 25 kc/s available for each service; but a band of 25 kc/s was unsuitable for broadcasting services: 20 kc/s or 30 kc/s were needed. In the light of the large requirements of the fixed service, Col. Loyer considered that the Florence Conference should endeavour to make a plan for the broadcasting requirements in 20 kc/s, and this could be ratified by the Extraordinary Administrative Conference.

35. Mr. Loeber (U.S.A.) suggested that it was not desirable to submit this problem to Florence since the High Frequency Broadcasting Conference would have no means at his disposal to check the effect of the broadcasting assignments in other parts of the world on the planned assignments, in Region 2, to other types of service. In his opinion the only proper procedure was for the P.F.B. to keep the problem in its own hands and, if it could not solve it, to submit it directly to the Extraordinary Conference.

36. Mr. Potts (U.K.) said that no provision for the division of the spectrum space, suggested by Col. Loyer, had been made in the Atlantic City Frequency Allocation Table and the Board had no mandate to amend this Table. The Board should not send the problem to Florence but should submit it to the Extraordinary Conference.

37. Mr. Barajas (Mexico) pointed out that the Florence Conference had no mandate to study the 4 Mc/s band.

38. Col. Loyer (France) said that it was only a question of asking the Broadcasting Conference to study the problem, thus saving the time of the Extraordinary Conference.

39. Mr. Rao (India) agreed with Mr. Potts. If a plan could not be prepared then they should officially refer the matter to the Extraordinary Conference and simply notify Florence, for their information, that the Board had been unable to prepare a plan for this band.

40. It was finally agreed that Doc. No.704 should be sent to the High Frequency Broadcasting Conference, Florence, for information, with a note to say that the Board had decided not to adopt the recommendation on Page 2, para.1.1 and that under the circumstances the problem was being remitted to the Extraordinary Conference.

ANNEX III to Document No. 198-E

PROVISIONAL FREQUENCY BOARD
P.F.B.

GENEVA, 1950

Document N° 704-E (2d edition)
10 March 1950.

This report is completed by
an Annex issued separately.

REPORT BY WORKING GROUP 2

BANDS D and E

(3900 - 3950 kc/s and 3950 - 4000 kc/s)

I. Band D 3900 - 3950 kc/s

Very few requirements have been submitted in this band, which is allocated to different services according to region.

A - Region 1 Aeronautical Mobile OR exclusively

Question dealt with by the Aeronautical Conference. There are, however, a certain number of frequency requirements for the fixed service in areas 14, 15 and 16 (list 1). These should be entered in the Notification column, under No. 339 of the Radio Regulations.

B - Region 2 Amateur, Fixed, Mobile (except Aeronautical Mobile R)

Three countries in areas 5 and 6 have submitted requirements for the fixed service (see List 2), although, by the terms of the Atlantic City Resolution, assignment in this band is outside the scope of the P.F.B.

C - Region 3 Aeronautical Mobile, Broadcasting

Five countries, in areas 13, 17 and 19, have submitted requirements for broadcasting.

Further requirements have been submitted by the Aeronautical Conference for the aeronautical mobile OR service (3 channels of 7 kc/s in areas 19 and 20).

It has been possible to prepare an assignment plan without disturbing most of the broadcasting frequencies stated to be in service (see List 3).

II. Band E 3950 - 4000 kc/s.

A - Region 2 Allocated to Amateur, Fixed and Mobile (except Aeronautical Mobile R)

One country in area 5 has submitted requirements for the fixed service (see List 4), although, by the terms of the Atlantic City Resolution, assignment in this band is outside the scope of the P.F.B.

B - Regions 1 and 3 Allocated to Fixed and Broadcasting Services

1. Region 1 - Areas 8, 9, 10, 11, 12, 13 and 14.

1.1 Broadcasting

Requirements for this service from the countries of areas 8, 9, 10, 13 and 14* make up a total of about 240 frequency-hours. The peak of those requirements is at 21 hours GMT, and amounts to 20 frequency-hours. As effective service range in winter is of the order of 2000 km for a power of 10 kW and over 3000 km for a power of 100 kW, frequency sharing is out of the question. A spectrum of 200 kc/s would therefore be necessary to satisfy broadcasting requirements alone. Band E is 50 kc/s wide and as it has been allocated to two services it seems fair that each of them should have half the band. Under the circumstances, broadcasting can have only two 10 kc/s channels. The Working Group therefore suggests that the Florence Broadcasting Conference be requested to prepare a plan within a 20 kc/s band for the attached list of requirements (List 5).

In this connection it would doubtless be wise to recall the reasons advanced at the Atlantic City Conference in support of the proposals for the allocation to broadcasting of frequency bands in this part of the spectrum: It was a question only of frequencies intended to assure the continuity of the service between Europe and North America in winter, minimum sunspot (path through the auroral zone).

1.2 Fixed service

In view of the above, the Working Group tried, without success, to prepare an assignment plan for the areas listed above limited to 30 kc/s on the basis of the principles set out in Document 689/PFB (Report by the Group for Band F).

The plan prepared occupied a 39 kc/s band, i.e. 130% of the spectrum to which the group would have liked to limit it.

1.3 If the Working Group's conclusions are adopted, the Extraordinary Administrative Conference will have

* There are no requirements for areas 11 and 12.
For areas 15 and 16, see paragraph 3 below.

- the attached plan for the fixed service (List 6), which occupies 4/5 of Band E, i.e. 39 kc/s, and leaves one channel free for broadcasting;
- an assignment plan for broadcasting occupying two 10 kc/s channels or 2/5 of the band.

1.4 If the requirements for areas 8, 9, 10 and 13 included in the assignment plan for the fixed service are examined, a number of 4/4 frequencies will be seen, viz :

3 A3 frequencies	=	18 kc/s
6 A1 frequencies	=	18 kc/s
		36 kc/s

which alone occupy a band slightly larger than that in which the Group tried to prepare its plan.

It will also be seen that there were 4 frequencies in service in 1947 for the circuits requiring the said 4/4 frequencies (2685, 3605, 4880 and 4965), and that none of them was in Band E.

As in the case of Bands F and G, it may be concluded that the number of 4/4 frequencies could be reduced by modifying the complements calculated. Finally it may be observed that a number of requirements have been submitted for the aeronautical meteorological service. Up to the present such frequencies have been taken from the bands reserved for the aeronautical mobile service, as is shown by the frequencies in service (3957, 3961, 3969 and 3995) which are all in the band 3950-4000, previously allocated to the aeronautical service by the Cairo Regulations. The Aeronautical Conference did not take all of these requirements into account. To what extent was that right ? The Working Group considers that the matter should be referred to the Extraordinary Administrative Conference.

2. Region 3 - Areas 17, 18 and 19 *

2.1 Broadcasting

Area 17 - Only one requirement from Pakistan on the frequency 3985 kc/s; hours of operation (0230 to 0730 GMT) represent daylight operation from 0730 to 1230 hours (local time), so that this particular requirement can be easily met.

There are three requirements from India on the frequencies 3955, 3975 and 3995 kc/s. All three of these frequencies are reserved for a simultaneous inland and world-wide service (almost continuous operation from 1200 to 0400 hours GMT).

Area 19 - There are two requirements, from the Philippines, for the frequencies 3970 and 3990 kc/s, for a permanent local service between 2200 and 1600 hours GMT.

* There are no requirements in the other areas (except one in area 21).

Area 18 - No requirements.

Study of requirements shows that if, with a view to meeting local services in the areas of Region 3 under consideration, the broadcasting service were to be accommodated alone in Band E, an assignment plan could be produced within the limits of the band (see List 7).

Unhappily, fixed service requirements in areas 18 and 19 are many, as will be readily seen from paragraph 2.2 below, and from List 8; furthermore, the Indian broadcasting requirements are those appropriate to an international service with reception points 5000, 7000 and 12000 km from the transmitter (China, Japan, the United Kingdom, Australia, New Zealand, etc.); finally, there would inevitably be interference with broadcast transmissions from areas 15 and 16. It is the opinion of the Working Group that these latter transmissions ought to be organized by the Florence Conference under the conditions explained in 1.1 above.

Consequently, the Working Group considers that the Florence Conference should also deal with the Region 3 broadcasting requirements, and attempt to draw up an assignment plan for Regions 1 and 3 together, within the 20 kc/s limits. In so doing, account should be taken of:

- 1) the fact that the requirements in Band D put forward by the same countries as above, have been met in their entirety;
and
- 2) the need to cause a minimum of interference in Area 18.

The Working Group is of the opinion that the Florence Conference is the body best qualified to study requirements from the technical point of view and to reach the agreements necessary for a judicious apportionment of frequency-hours, as it will contain representatives from all broadcasting Administrations concerned.

2.2 Fixed Service

Area 17 - No requirements.

Areas 18 and 19 - China, occupying a central position which renders sharing very difficult, has, alone, requested 54 kc/s. The Group, bearing in mind all the fixed service requirements in the two areas in question, has endeavoured to prepare a frequency sharing plan which would make demands on the minimum possible number of channels. To this end, it made use of the principles already expounded in Document 689 (Assignment Plan for Band F).

This plan involves :	5 telegraph channels	15 kc/s
	8 telephone channels	48 kc/s
		63 kc/s

i.e. 126% of the spectrum space available.

Since, for Area 18, there are no requirements of any kind in Band D, the Group proposes to make some transfers to Band D between 3920 and 3940 kc/s. Among the channels affected would be Nos. 5, 6 and 10 of the plan annexed (List 8), in which there are accommodated no stations greater in power than 500 watts. The requirements transferred (15 kc/s in all) would be shared with the Aeronautical Mobile CR service of the Philippines and Australia. Since this latter country uses day frequencies only, no disturbance could result.

The spectrum space required for the fixed service would thereby be reduced to 48 kc/s.

The frequencies thus transferred would of course have to appear in the Notifications column, in accordance with the Radio Regulations, since, by virtue of the Table of Frequency Allocation, fixed service requirements in Region 3 are not accommodated in Band D (paragraph 339 of the Radio Regulations).

2.3 Thus, if the Working Group's proposals are adopted, the Extraordinary Administrative Radio Conference will be confronted with :

- a fixed service sharing plan in Areas 18 and 19 (see Annex), occupying 126% of Band E, and capable of being reduced until it occupies 100% by transfers into Band D;
- a broadcasting assignment plan in Areas 15, 16, 17 and 19 which will occupy two 10 kc/s channels, or 40% of the band.

3. Areas 15 and 16 of Region 1. - special case

There are many broadcasting requirements, together with requirements for the fixed service. It will be for the Administration concerned to discriminate between the two services.

Hence a list of frequencies used for the fixed services in Areas 15 and 16 has been annexed to this document (List 9). *

When drawing up a plan for broadcasting in Areas 15 and 16 of Region 1 (these areas being adjacent to Region 3), the Broadcasting Conference should take account of paragraph 90 of the General Radio Regulations, i.e. broadcasting should not cause interference to the fixed service in Area 18.

* Frequencies required for broadcasting in Areas 15 and 16 are shown in List 5.

A N N E X E IV

au Document n° 198-F

(Extraits de l'Annexe au Document C.P.F. n° 704)

A N N E X IV

to Document No. 198-E

(Extracts from the Annex to P.F.B. Document No.704)

A N E X O IV

al Documento num. 198-S

(Extractos del Anexo al Documento J.P.F. num. 704)

COMITE PROVISOIRE DES FREQUENCES (C.P.F.)

PROVISIONAL FREQUENCY BOARD (P.F.B.)

JUNTA PROVISIONAL DE FRECUENCIAS (J.P.F.)

Annexe au Document 704 - 2e édition (Rapport du Groupe de travail N° 2)

Annex to Document 704 -2nd edition (Report of Working Group N° 2)

Anexo al Documento 704 - 2a edición (Informe del Grupo de trabajo núm.2)

10 mars 1950

10 March 1950

10 de marzo de 1950

PROJET DE LA NOUVELLE LISTE INTERNATIONALE DES FREQUENCES

DRAFT OF THE NEW INTERNATIONAL FREQUENCY LIST

PROYECTO DE LA NUEVA LISTA INTERNACIONAL DE FRECUENCIAS

Bandes)	D	3900 - 3950 kc/s
Bands)		
Bandas)	E	3950 - 4000 kc/s

UNION INTERNATIONALE DES TELECOMMUNICATIONS, GENEVE

Imprimé en Suisse

Re/Bc

1	Fréquence assignée en kc/s		Assigned frequency kc/s		Frecuencia asignada en kc/s	
2	Numéro de la liaison	ÉMISSION	Circuit number	TRANSMISSION	Número del circuito	EMISIÓN
3a	Indicatif du pays		Country designator		Distintivo del país	
3b	Zone		Area		Zona	
3c	Nom, position géographique de la station d'émission et indication du pays auquel appartient la station		Name, geographical position of transmitting station and indication of country to which the station belongs		Nombre, posición geográfica de la estación transmisora e indicación del país al que pertenece la estación	
4a	Indicatif du pays	RÉCEPTION	Country designator	RECEPCIÓN	Distintivo del país	RECEPCIÓN
4b	Zone		Area		Zona	
4c	Localité(s) ou région(s) avec laquelle (lesquelles) la (les) communication(s) est (sont) prévue(s)		Locality(ies) or area(s) with which it is intended to establish communication		Localidad(es) o región(es) con la(s) que se prevee establecer comunicación(es)	
5	Longueur de la liaison en km		Length of circuit km		Longitud del circuito en km	
6	Classe de la station		Class of station		Clase de la estación	
7	Classe d'émission		Class of emission		Tipo de emisión	
8	Puissance en kW		Power kW		Potencia en kW	
9	Azimet		Azimuth		Azimet	
10	Horaire de fonctionnement de la liaison (TMG)		Hours of operation of the circuit (GMT)		Horario de funcionamiento del circuito (GMT)	
11	Rang de la fréquence dans le jeu		Frequency order in the complement		Orden de la frecuencia en el juego	
12	Remarques		Remarks		Observaciones	

Re/Bc

BANDE)
 BAND) D - 3900-3950 kc/s
 BANDA)

LISTE)
 LIST) 3 - REGION 3
 LISTA)

ASSIGNATIONS POUR LES SERVICES FAOR ET BC
 ASSIGNMENTS TO SERVICES FAOR AND BC
 ASIGNACIONES PARA LOS SERVICIOS FAOR Y BC

1	2	3a	3b	3c	4a	4b	4c	5	6	7	8	9	10	11	12
3905	774	EU	17	NEW DELHI Inde	EU	17	INDIA	1200	BC	A3	50	D	01-04 11.30-20	-	
3905	759	EV	17	MADRAS Inde	EV	17	INDIA	800	BC	A3	20	-	01-04 11.30-18	-	
3905	13	HY	19	POLO(BULACAN) Phil	HY	19	PHILIPPINES	1000	BC	A3	10	-	22-16	-	
3915	2	LD	17	LAHORE Pak	LD	17	PAKISTAN	800	BC	A3	10	-	02.30-07.30	-	
3915	16	HY	19	CEBU Phil	HY	19	PHILIPPINES	1000	BC	A3	10	-	22-16	-	
3923	-	-	-	PHILIPPINES Phil					FAOR	A3	0,3	-	I	-	5),15)109/ A
		-	-	AUSTRALIA Aust											
3925	773	EU	17	NEW DELHI Inde	EU	17	INDIA	1200	BC	A3	5	D	01-04 11.30-20	-	
3925	762	EV	17	MALPUR Inde	EV	17	INDIA	800	BC	A3	10	-	01-04 11.30-18	-	
3930	-	-	-	PHILIPPINES Phil					FAOR	A3	0,3	-	I	-	5),15)109/B
		-	-	AUSTRALIA Aust											
3935	1	FE	13	TABRIZ Iran	FE	13	IRAN	500	BC	A3	10	-	02.30-04.30	-	
3935	35	EX	19	TERNATE Indn	EX	19	BD	100	BC	A3	0,15	ND	21-16	-	
3937	-	-	-	PHILIPPINES Phil					FAOR	A3	0,3	-	I	-	5),15)109/C
		-	-	AUSTRALIA Aust											
3945	3	LD	17	SRINAGAR Pak	LD	17	PAKISTAN	800	BC	A3	10	-	02.30-07.30	-	
3945	14	HY	19	POLO(BULACAN) Phil	HY	19	PHILIPPINES	1000	BC	A3	10	-	22-16	-	

BANDE) LISTE) ZONES) BESOINS EXPRIMES POUR LA RADIODIFFUSION
 BAND)E - 3950-4000 kc/s LIST)5 - REGION 1 AREAS) 8-9-10-13-14-15-16 REQUIREMENTS SUBMITTED FOR BROADCASTING
 BANDA) LISTA) ZONAS) NECESIDADES DECLARADAS PARA LA RADIODIFUSION

1	2	3a	3b	3c	4a	4b	4c	5	6	7	8	9	10	11	12
	1	DK	8	SKELTON	G	DD	8	N. AND C. FRANCE	1.000	BC	A3	100	D	05-09	-
													15.00-23.15		
	2	DK	8	SKELTON	G	GV	5	N.AMERICA, MEXICO, etc	10.000					23.15-03-45	
						KG	4	N.AMERICA	3.000	BC	A3	100	D	21.15-04.00	-
						GV	5	MEXICO	10.000					21.15-04.00	
						CQ	8	WESTERN GERMANY	1.000					04-09	
													15.00-23.15		
	3	DK	8	SKELTON	G	JX	14	WESTERN RUSSIA	3.000	BC	A3	100	D	04.30-05.00	-
													19.45-20.15		
						CS	9	DENMARK	1.000					15.45-16.30	
													17.30-19.30		
						CQ	8	WESTERN GERMANY	1.000					21.00-23.15	
	1	FJ	8	ATHLONE	Irla	KG	4	EASTERN UNITED STATES	6.000	BC	A3	100	D	01-05	-
	2	FJ	8	ATHLONE	Irla	KI	3	WESTERN UNITED STATES	8.000	BC	A3	100	D	03-08	-
	1	AV	9	WIEN	Autr	DD	8	EUROPE CENTRALE	1.000	BC	A3	10	-	05-09	-
													10-16		
													18-23		
	2	AV	9	WIEN	Autr	DD	8	EUROPE CENTRALE	1.000	BC	A3	10	-	07-11	-
													15-19		
													20-23		
	1	II	9	ROUMANIE 47°N 28°30'E	Roum	II	9	ROUMANIE	400	BC	A3	10	-	04-08	-
													16-22		
	2	II	9	ROUMANIE 44°30'N 24°E	Roum	II	9	ROUMANIE	400	BC	A3	10	-	04-08	-
													16-22		
	3	II	9	ROUMANIE 47°N 27°30'E	Roum	II	9	ROUMANIE	400	BC	A3	10	-	04-08	-
													16-22		
	31	IK	9	HOERBY	S	-	-	EAST OF N. ATLANTIC	3.000	BC	A3	100	-	I	-
	32	IK	9	HOERBY	S	-	-	EAST OF N. AMERICA	12.000	BC	A3	100	D	00-02	-
	33	IK	9	HOERBY	S	-	-	JAPAN-CHINA	19.000	BC	A3	100	D	03-04	-
	34	IK	9	HOERBY	S	-	-	WEST OF N. AMERICA	12.000	BC	A3	100	D	04-05	-
	1	GP	10	TIFLET	MarF	GP	10	MAROC	800	BC	A3	5	-	06.30-02.30	-
						CV	10	PENINSULE IBERIQUE	1.500						
	1	LK	10	ALGER	Alge	LK	10	SUD ALGERIEN	1.500	BC	A3	25	D	07-09	-
													12-14		
													19-23		

1	2	3a	3b	3c	4a	4b	4c	5	6	7	8	9	10	11	12
	167	JX	14	ARKHANGELSK	URSS	JX	14	ARKHANGELSK DISTRICT	1.500	BC	A3	25	D	13-21	-
	168	JZ	16	DIKSON-OSTROV	URSS	JZ	16	POLAR AREA	600	BC	A3	25	-	11-19	-
	169	JZ	14	TIKSI-BOUKHTA	URSS	JZ	14	POLAR AREA	600	BC	A3	25	-	09-17	-
	170	JZ	-	IAKOUTSK	URSS	-	-	IAKOUTSK	900	BC	A3	25	-	07-15	-
	171	JZ	14	OUST-KAMTCHATSK	URSS	-	14	KAMTCHATSK & TCHUKOT PENINS.	1.500	BC	A3	100	-	05-13	-
	172	JZ	14	KHABAROVSK	URSS	JZ	14	KHABAROVSK & PRIKORSK REGION	1.500	BC	A3	100	-	07-15	-
	173	JZ	14	IRKOUTSK	URSS	JZ	14	IRKOUTSK & TCHITINSK DISTRICT	1.200	BC	A3	100	-	09-17	-
	174	JZ	14	SVERDLOVSK	URSS	JZ	14	CENTRE OURAL	600	BC	A3	100	-	12-20	-
	175	KC	15	AIMA ATA	URSS	KC	15	KAZACK RSS	2.000	BC	A3	50	D	11-19	-
	176	JX	14	PETROZAVODSK-CARELO FINLAND RSS	URSS	JX	14	CARELO-FINLAND.RSS	1.000	BC	A3	50	D	13-21	-
	1	DD	8	ALLOUIS-ISSOUDUN	F	JU	10	TUNISIE	2.000	BC	A3	100	D	19.30-21.30	-
	2	DD	8	ALLOUIS-ISSOUDUN	F	LK	10	ALGERIE EST	2.000	BC	A3	100	D	12.30-13.30	-
	3	DD	8	ALLOUIS-ISSOUDUN	F	LK	10	ALGERIE OUEST	2.000	BC	A3	100	D	19.30-21.30	-
	4	DD	8	ALLOUIS-ISSOUDUN	F	GQ	10	MAROC	2.500	BC	A3	100	D	20.30-22.30	-
	5	DD	8	ALLOUIS-ISSOUDUN	F	JB	2	S. PIERRE	5.000	BC	A3	100	D	23-01	-
	1	JD	8	BERN	Suis	JD	8	SUISSE	300	BC	A3	5	-	06-24	-
	1	DD	8	FONTBONNE(MONTECARLO)	F	-	8	EUROPE SEPT.	3.000	BC	A3	300	D	16-24	-
						-	10	AFRIQUE N.O.	3.000						
	1	IB	10	LISBOA	Port	AY	10	ACCRES	1.700	BC	A3	10	D	19-24	-
						GM	10	MADERE, etc.							
	2	GM	10	FUNCHAL	Made	GM	10	ILES MADERE, etc.	200	BC	A3	1	-	09-11 13-15 19-01 19-24	-
	3	IB	10	LISBOA	Port	GM	10	MADERE	1.000	BC	A3	10	-	19-24	-
						AY	10	ACCRES	1.500						
	1	FH	13	BAGHDAD	Irak	FH	13	IRAK	500	BC	A3	10	-	03-06 09-12 14-21 18-22	-
	1	CX	13	ABU ZABAL	Egyr	JV	13	TURQUIE	1.600	BC	A3	50	D	18-22	- 13)
						GC	13	LIBAN, etc.							
	1	LI	13	SANAA	Yem	-	-	-	2.000	BC	A3	5	-	15-21	-

BANDE)
BAND) E - 3950-4000 kc/s
BANDA)

LISTE)
LIST) 7 REGION 3
LISTA)

RADIODIFFUSION
BROADCASTING
RADIODIFUSION

1	2	3a	3b	3c	4a	4b	4c	5	6	7	8	9	10	11	12
Voie) Channel) 1 Canal)	1 12	LD HY	17 19	KARACHI S. JUAN HEIGHTS, RIZAL	Pak Phil	LD HY	17 19	PAKISTAN PHILIPPINES	800 1.000	BC BC	A3 A3	50 10	ND ND	02.30-07.30 22-16	- -
Voie) Channel) 2 Canal)	772 771 760	EU EU EV	17 17 17	NEW DELHI NEW DELHI MADRAS	Inde Inde Inde	DK - -	8 - -	UNITED KINGDOM S.E. ASIA INDIA	7.000 12.000 800	BC BC BC	A3 A3 A3	10 10 20	D D ND	18.30-23.00 22.30-01.00 01.00-04.00 12.00-18.30	- - - -
Voie) Channel) 3 Canal)	15	HY	19	CEBU	Phil	HY	19	PHILIPPINES	1.000	BC	A3	10	ND	22-16	-
Voie) Channel) 4 Canal)	770 768 756	EU EU EV	17 17 17	NEW DELHI NEW DELHI BOMBAY	Inde Inde Inde	- - -	- - -	FAR EAST MIDDLE EAST INDIA	12.000 5.000 800	BC BC BC	A3 A3 A3	10 10 10	D D ND	22.30-01.00 13.30-16.00 13.30-19.30 01.00-04.00 12.00-18.30	- - - - -
Voie) Channel) 5 Canal)	769 753	EU EU	17 17	NEW DELHI NEW DELHI	Inde Inde	- -	- -	CHINA JAPAN INDIA	6.000 800	BC BC	A3 A3	20 20	D ND	22.30-01.00 22.30-01.00 12.00-19.30	- - -

COMMITTEE 5

REPORT OF WORKING GROUP 5 B

Paragraph 5 of Document 170 revised as follows :

5. With regard to point b), the Working Group recommends that, in the case where the Plan provides that one station is to succeed another station on the same frequency at an hour h
 - i) the first station should terminate its transmission, at the latest, at h-90 seconds;
 - ii) the second station should not put its carrier wave on the air earlier than h-85 seconds;
 - iii) any administrations concerned in such a frequency transfer may enter into bilateral or multilateral agreements with a view to reducing the above described time interval;
 - iv) the implementing body shall periodically consult the administrations with a view to the possibility of progressively reducing the total interval to 30 seconds in the light of operational experience gained after implementation. It is suggested that this function of the implementing body be referred to Working Group 5A for further consideration.

S.A. Aziz
Chairman 5B



International High Frequency
Broadcasting Conference
Firenze/Rapallo - 1950

Corrigendum No. 1
to Document No. 200-E
6 June 1950

LIST OF DOCUMENTS PUBLISHED
by the
INTERNATIONAL HIGH FREQUENCY BROADCASTING CONFERENCE
Nos. 151-200

- Page 2 The title of Document No. 168 should read:
 "Temporary replacement of Mr. Z.A. Bokhari, Head of the
 Delegation of Pakistan, by Mr. S.A. Aziz. 17 May 1950."
- Page 3 The title of Document No. 177 should read:
 "Replacement of Mr. J. Soeberg of the Norwegian Delegation
 by Mr. J. Foss Sunde. 18 May 1950."
- Page 5 The title of Document No. 197 should read:
 "Nomination by the Norwegian Ministry of Foreign Affairs
 of Mr. Jacob Gustav Foss Sunde as Delegate for Norway to
 the CIRAF. 19 May 1950."

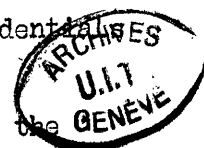
Dn/Rg

Firenze/Rapallo - 1950

LIST OF DOCUMENTS PUBLISHED BY THE
INTERNATIONAL HIGH FREQUENCY BROADCASTING CONFERENCE

Nos. 151-200

No. of Document	No. of Committee	T i t l e
151	Yugoslavia	Letter from the Head of the Delegation of Yugoslavia to the Chairman of the Conference. Temporary absence. 12 May 1950.
152	Egypt	Proxy from the Delegation of Lebanon to the Delegation of Egypt.
153	Luxembourg	Proxy from the Delegation of Luxembourg to the Delegation of the Netherlands.
154	India	Letter from the Delegation of India to the Chairman of the Conference. Appointment of Mr. T. Rajamanikam as Delegate of Ethiopia. 9 May 1950.
155	-	Plenary Assembly decision on the sharing of the expenses of the Conference. 13th Meeting (12 May 1950).
155 (corr.)	-	Corrigendum No.1 to Document 155 (15 May 1950).
156	2	Report by the Working Group of the Credentials Committee.
157	Israel	Proxy from the Delegation of Israel to the Delegation of Finland. 14 May 1950.
158	Lebanon	Proxy from the Delegation of Lebanon to the Delegation of Egypt.
159	2	Italy. Proposal concerning the representation at the Conference of Member Countries of the I.T.U. by other Member Countries.



No. of Document	No. of Committee	T i t l e
160	7	Report of the 2nd Meeting of the Budget Control Committee. 29 April 1950 (published 16 May 1950).
161	4	Statement by the French Delegation on the Phases of the Plan.
162	-	Minutes of the 8th Meeting of the Plenary Assembly. 10 May 1950.
162 (Corr.)	-	Corrigendum No.1 to Doc. No. 162 (16 May 1950). Corrigendum No.2 to Doc. No. 162 (16 May 1950).
163	-	Minutes of the 9th Meeting of the Plenary Assembly. 10 May 1950.
164	5	Draft Resolution submitted by the Secretary General of the I.T.U. (Implementation of the Plan by the I.F.R.B.).
165	3	Report of the 7th Meeting of the Requirements Committee. 8 May 1950.
166	4	United States Delegation. Use of field intensity charts.
167	-	United States Delegation. Procedure for the determination of received field intensity.
168	Pakistan	Proxy from the Head of the Delegation of Pakistan, Mr. Z.A. Bokhari to Mr. S.A. Aziz. 17 May 1950.
169	4	Norway. Comments on Plan Committee questions (6 annexes).
169 (add.)	4	Addendum No. 1 to Doc. No. 169.
170	5	Report by Working Group 5B of the Implementation Committee.
171	5	India. Proposal for new methods with three steps. Implementation Committee.
172	-	Letter from the United Kingdom Delegation to the Secretary of the Conference concerning the appointment of Mr. Charlton Higgs as Delegate for Southern Rhodesia. 17 May 1950.

No. of Document	No. of Committee	T i t l e
173	4	Switzerland. Comments on the six phases of the Paris Plan. 17 May 1950.
174	2	Report of the 3rd Meeting of the Credentials Committee. 16 May 1950.
175	4	Letter from the Delegation of the Oversea Territories of the French Republic to the Chairman of Committee 4. Requirements of Viet-Nam.
176	4	Report of the 6th Meeting of the Plan Committee. 13 May 1950.
177	Norway	Proxy from the Delegation of Norway to Mr. J. Foss Sunde. 18 May 1950.
177 (corr.)	-	Corrigendum No.1 to Doc. No. 177-E.
178	-	Report by the Director General of UNESCO on the use of High Frequency Broadcasting in the interest of international cooperation and peace.
179	4	Finland. New requirements (Plan Committee).
180	4	Indonesia. Decision to abide by the reduced and modified requirements in the December 12 Plan of the Technical Plan Committee.
181	4	Report by Working Group 1 of the Technical Sub-Committee of Committee 4.
182	-	Minutes of the 10th Meeting of the Plenary Assembly. 11 May 1950.
183	-	Minutes of the 11th Meeting of the Plenary Assembly. 11 May 1950.
184	4	Second Report by the Technical Sub-Committee.
185(revised)	4	Third Report by the Technical Sub-Committee.
186	-	Time-table of meetings 22-27 May 1950.
186(corr.)	-	Corrigendum No. 1 to Doc. No. 186.
(corr.)	-	" No. 2 " " " "
(corr.)	-	" No. 3 " " " "

No. of Document	No. of Committee	T i t l e
187	2	Draft report by the Credentials Committee to the Plenary Assembly.
188	-	Dominican Republic represented by its Minister Plenipotentiary in Italy, Dr. Emilio Rodriguez Demorizi.
189	4	Recommendation by the Aeronautical Conference to the High Frequency Broadcasting Conferences. Protection at the edges of the frequency band of the aeronautical mobile service.
190	4	Report by Sub-Group 1. of Working Group 4 A (24 annexes).
190(corr.)	4	Corrigendum No. 1 to Doc. No. 190.
(corr.)	4	Corrigendum No. 2 " " " "
190 App.C.rev.	4	Appendix C revised.
190(corr.)	4	Corrigendum No. 1 to Appendix C revised.
191	Palestine	Egypt. Reservation concerning frequency allotments for Palestine.
192	Syria	Proxy from the Delegation of Syria to the Delegation of Pakistan.
193(revised)	4	Report by Sub-Working Group 3 of Working Group 4 A (Plan Committee).
194	5	United Kingdom. Time interval for frequency transfer.
195	4	Letter from the Head of the United States Delegation to the Chairman of the Conference. Korean requirements.
196	4	Letter from the Head of the Delegation of the Dominican Republic to the Secretary of the Conference concerning its decision to maintain its requirements submitted in Mexico City. 23 May 1950.

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(Doc. No. 200-E)

No. of Document	No. of Committee	T i t l e
197	Norway	Proxy from the Norwegian Ministry of Foreign Affairs to Mr. Jacob Gustav Foss Sunde. 19 May 1950.
198	-	Broadcasting in the 3900-3950 and 3950-4000 Kc/s bands (Letter from the P.F.B.).
199	5	Report by Working Group 5B. Implementation Committee
55(corr.)		Corrigendum No. 1 to Doc. No. 55.
56(rev.)		Minutes of the 1st Meeting of the Plenary Assembly. 4 April 1950 (revised).
60(corr.)		Corrigendum No.1 to Doc. No. 60 - F. Minutes of the 5th Plenary Assembly. Corrigendum No.2 to Doc. No. 60 - E and S. Minutes of the 5th Plenary Assembly.
62(corr.)		Corrigendum No.1 to Doc. No. 62. Minutes of the 7th Plenary Assembly.
200		List of documents 151-200.