



**Documents of the Administrative Radio Conference for Region 3
(Geneva, 1949)**

To reduce download time, the ITU Library and Archives Service has divided the conference documents into sections.

- This PDF includes Document No. 101 - 200.
- The complete set of conference documents includes Document No. 1 – 255 and Tables of Field Intensities.

This electronic version (PDF) was scanned by the International Telecommunication Union (ITU) Library & Archives Service from an original paper document in the ITU Library & Archives collections.

La présente version électronique (PDF) a été numérisée par le Service de la bibliothèque et des archives de l'Union internationale des télécommunications (UIT) à partir d'un document papier original des collections de ce service.

Esta versión electrónica (PDF) ha sido escaneada por el Servicio de Biblioteca y Archivos de la Unión Internacional de Telecomunicaciones (UIT) a partir de un documento impreso original de las colecciones del Servicio de Biblioteca y Archivos de la UIT.

(ITU) للاتصالات الدولي الاتحاد في والمحفوظات المكتبة قسم أجراه الضوئي بالمسح تصوير نتاج (PDF) الإلكترونية النسخة هذه والمحفوظات المكتبة قسم في المتوفرة الوثائق ضمن أصلية ورقية وثيقة من نقلاً.

此电子版（PDF版本）由国际电信联盟（ITU）图书馆和档案室利用存于该处的纸质文件扫描提供。

Настоящий электронный вариант (PDF) был подготовлен в библиотечно-архивной службе Международного союза электросвязи путем сканирования исходного документа в бумажной форме из библиотечно-архивной службы МСЭ.

for Region 3
GENEVA, 1949LIST OF DOCUMENTS FROM 51 to 100

This list is contained in Document 101 and the following alterations should be made to it:

<u>Number</u>	<u>Date</u>	<u>Subject</u>	<u>Remarks</u>
71-F	3.8.	Corrigendum to Document 71-F	See Doc. 71
81	25.7.	Corrigendum to Document 81	See Doc. 81
89	21.7.	Addendum: Committee 3 : 2nd report	See Doc. 89.
89	3.8.	Addendum II: Committee 3 : 3rd report	See Doc. 89
89	14.7.	Corrigendum to Document 89	See Doc. 89.
100* revised	22.7.	2nd Report of Working Group 4 to Committee 3.	See Doc. 129

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Addendum au Document No 101-F
21 octobre 1949

LISTE DES DOCUMENTS DE 51 A 100

Cette liste fait l'objet du document No 101 auquel il y a lieu d'apporter les modifications suivantes:

<u>Numéro</u>	<u>Date</u>	<u>Objet</u>	<u>Observations</u>
71-F	3.8.	Corrigendum au document 71-F	Voir Doc. 71
81	25.7.	Corrigendum au document 81	Voir Doc. 81
89	21.7.	Addendum : Commission 3 : 2e rapport	Voir Doc. 89
89	3.8.	Addendum II : Commission 3 : 3e rapport	Voir Doc. 89
89	14.7.	Corrigendum au document 89	Voir Doc. 89
100* révisé	22.7.	2e rapport du Groupe de travail 4 à la Commission 3	Voir Doc. 129

LIST OF DOCUMENTS

Nos 51 - 100

Notice : If a document has been followed by a corrigendum or an addendum, the number of the document is followed by an asterisk.

<u>Number</u>	<u>Date</u>	<u>Subject</u>	<u>Remarks</u>
51	21-6	Corrigendum to Document No 49	
52	22-6	Agenda for 2nd Meeting of Committee 5	
53	22-6	Note by Secretariat : correspondence regarding Japan's withdrawal from Region 3 Conference	
54	22-6	Agenda for 4th Plenary Assembly	
55	22-6	Schedule of Meetings for 27 June - 2 July	
56*	28-6	List of participants	Corr. 11-7
57	23-6	Note by Secretariat : Minutes of 3rd Plenary Assembly of Paris International Telegraph & Telephone Conference	
58	23-6	2nd Report of Working Group 2 of Committee 3	
59	27-6	Report of 6th Meeting of Committee 2	
60	28-6	Report of 9th Meeting of Committee 3	
61	28-6	Report of 10th Meeting of Committee 3	
62	28-6	Report of 11th Meeting of Committee 3	
63	29-6	Report of 2nd Meeting of Committee 5	
64	29-6	Schedule of Meetings for 4 - 9 July	
65	28-6	3rd Report of Working Group 2 of Committee 3	
66	30-6	4th Report of Working Group 2 of Committee 3	
67*	30-6	5th Report of Working Group 2 of Committee 3	See Doc.No 91
68	30-6	Report of 6th Meeting of Committee 1	
69	30-6	Report of 7th Meeting of Committee 1	
70	30-6	Note by Secretariat : Telegram from Region 2 Conference to S.G. (Maritime Mobile Service Frequencies)	

<u>Number</u>	<u>Date</u>	<u>Subject</u>	<u>Remarks</u>
71	30-6	Note by Secretariat : Telegram from Region 2 Conference to S.G. (Radiotelephone ship installations)	
72	22-6	Report of 4th Meeting of Committee 4	
73	30-6	Report of 9th Meeting of Committee 1	
74	1-7	6th Report of Working Group 2 of Cttee 3	
75*	29-6	Report of 3rd Meeting of Committee 5	See Doc. No 78
76	1-7	Addendum to 1st Report of Working Group 3 of Committee 3	See Doc. No 39
77	4-7	Report of 8th Meeting of Committee 1	
78	4-7	Report of 3rd Meeting (2nd part) of Cttee 5	See Doc. No 75
79	2-7	Report of 3rd Meeting of Working Group 1 of Committee 4	
80	5-7	2nd Report of Committee 3 to Plenary Assembly	
81	5-7	Minutes of 3rd Plenary Assembly	
82	6-7	List of Documents Nos 1 - 50	
83	6-7	Schedule of Meetings for 11 - 16 July	
84	6-7	Agenda for 5th Plenary Assembly	
85	6-7	Report of 13th Meeting of Committee 3	
86	6-7	Report of 12th Meeting of Committee 3	
87	6-7	Note by Secretariat : Recommendations and Proposals of International Administrative Aeronautical Radio Conference concerning frequencies allocated to OR aeronautical mobile services	
88	6-7	Report of 4th Meeting of Committee 5	
89*	7-7	1st Consolidated Report of Committee 3	Corr. 14-7
90	7-7	Agenda for 4th Meeting of Committee 5	
91	7-7	5th Report of Working Group 2 of Cttee 3	
92	8-7	Committee 5 - Note on Organisation of Work	
93	8-7	Report of 5th Meeting of Committee 5	

<u>Number</u>	<u>Date</u>	<u>Subject</u>	<u>Remarks</u>
94	12-7	Report of 10th Meeting of Committee 1	
95	13-7	Report of 6th Meeting of Committee 5	
96	12-7	Report of 4th Meeting of Working Group 1 of Committee 4	
97	13-7	Schedule of Meetings for 13 - 18 July	
98	14-7	4th Report of Working Group 3 of Committee 4	
99	14-7	Note by Secretariat : Letter from Chairman of P.F.B. to Chairman of Administrative Radio Conference for Region 3	
100	15-7	2nd Report of Working Group 4 to Cttee 3	

COMMITTEE 1

Report of the Steering Committee

11th Meeting

July 13th, 1949.

The Meeting was opened at 10.10 hours by the Chairman, Mr. S.S. Moorthy Rao.

1. Item 1 of the Agenda - Approval of reports of previous Meetings.

- 1.1 The Report of the 10th Meeting of the Steering Committee (R3-Document N° 94) was considered and approved subject to an amendment suggested by the Chairman viz. on p.2, line 2 "quite an accurate estimate" to read "a fairly accurate estimate"...

2. Item 2 of the Agenda - Drafting of a Schedule of Meetings

- 2.1 A Schedule of Meetings for the period July 18 - 23, 1949 was drawn up.

3. Item 3 of the Agenda - Miscellaneous.

- 3.1 The Chairman announced that he had been informed by the Secretary that the estimate of the Conference's share in the cost of stencils for the month of June was 17%, instead of the 24% envisaged in the budget report.

- 3.2 Mr. Verboeket (Indonesia) referred to the continued unsatisfactory sanitary conditions in the Maison des Congrès, and received an assurance from the Secretary that the matter would once again be brought to the attention of the authorities concerned.

- 3.3 In response to the Chairman's enquiry, Mr. Lalung-Bonnaire, Chairman of Committee 5, gave information on the discussions and decisions of Committee 5 on the organization of the Committees' work. (See Reg. 3 Document N° 92). Cards were to be classified in three categories :

1. Liaisons using a frequency included in the band allocated to the ensured service,
2. Circuits using a frequency included in a band no longer allocated to the ensured service,
3. Projected circuits.

The Working Group would study each category in the order given above so that the principle of priority to stations already in use would be respected.

3.3.1 Mr. Lalung-Bonnaire considered that the final frequency list should, if possible, be roneoed.

3.3.2 A brief exchange of views took place between the Chairman and Mr. Lalung-Bonnaire on working methods in Committee 5. Points which emerged from this discussion were :

- 1) the Conference might, in Mr. Lalung-Bonnaire's opinion, require a further 2 months for the completion of its work.
- 2) the question of stations with poor protection ratios was one for the attention, in the Working Groups, of the individual Delegations concerned.
- 3) No further staff may be required to assist with the work of Committee 5 since the nature of much of the work would be such as could best be done by Delegates themselves.

There being no further items for discussion, the Chairman closed the Meeting at 11.15 hours.

Rapporteur :

G.M. Forrest

Secretary :

J. Kunz

Chairman :

S.S. Moorthy Rao



**Administrative Radio Conference for Region 3
(Geneva, 1949)**

Document No. 103

Note: The following corrigendum was issued in relation to this document:

- Document No. 187 – Corrigendum to Document No. 103

15 July 1949.

for Region 3
GENEVA, 1949

MINUTES OF THE FOURTH PLENARY ASSEMBLY

held on Friday, 24 June, 1949

The Meeting was opened at 14.15 hours by the Chairman, Mr. S.S. Moorthy Rao.

The following countries and organisations were represented :
Australia, China, French Overseas Territories, India, Indonesia, New Zealand, Pakistan, Philippines, United Kingdom Colonies, United States Territories, IFRB, Rep. of Korea.

1. Item 1 of the Agenda (R3 Doc. N° 54): Participation of Japan in the work of the Conference.

1.1 Regarding the decision to postpone the question of Japan until receipt of the relevant Minutes from the Paris Telegraph and Telephone Conference (See Reg.3 Doc. 81 N° 2.25.21), the Conference formally took note of the Paris Conference's decision to refer to the Administrative Council the question of Japan's status in relation to the Union.

1.2 The Chairman read out a letter which had been received by the Secretary General of the Union from Mr. Shinichi Hase, of the Japanese Delegation, and which concerned the withdrawal of Japan from the Conference (see Reg.3 Doc. 53). He (the Chairman) had no doubt that the Conference fully appreciated the gesture of the Japanese Government; this gesture had relieved the Conference of a situation which had become difficult and embarrassing, especially in view of the very useful contributions made by Mr. Cooke, of SCAP, and Mr. Hase at the Region 3 Preparatory Committee.

1.3 He asked the Assembly whether there were any objections to the addition of Mr. Marden G. Cooke to the list of Advisers of the Delegation of the Territories of the United States, as notified in the letter from the Chairman of the US Territories Delegation to the Secretary of the Region 3 Conference (See doc. Reg. 3-53).

No objections were raised, and Mr. Cooke's appointment, with such technical staff as might be considered desirable, was approved.

1.4 Mr. Searle (New Zealand) suggested that, since SCAP had been represented as Observer at the Region 3 Preparatory Committee, and was also present as Observer at the Paris Telegraph and Telephone Conference, an invitation to attend as Observer be extended to him, as a matter of etiquette by the Region 3 Conference.

1.4.1 Mr. Plakias (US Territories) had gathered from the Paris Conference documents that SCAP was not represented there as Observer. Mr. Searle replied that, irrespective of the type of credentials submitted by SCAP.

to the Paris Conference, he had, in fact, been invited to participate; the matter was entirely one of etiquette.

- 1.4.2 The Chairman pointed out that the invitations to the Region 3 Conference had been issued by the Secretary General of the Union, whereas the Paris Conference invitations had been issued by the French Government, and that about one year previously.
- There was therefore no parallel between the two Conferences. The Secretary General had, no doubt, consulted SCAP, and he thought that, whatever action was taken, the Secretary General would have to be consulted in the first instance.
- 1.4.3 Mr. McDonald (Australia), although sharing Mr. Plakias' doubts as to the status of SCAP at the Paris T. and T. Conference, supported Mr. Searle's suggestion for the invitation of SCAP as Observer to the Region 3 Conference, since the PFB had admitted SCAP as Observer.
- 1.4.4 Mr. Plakias (US Territories) agreed with the Chairman's suggestion that the Secretary General be consulted before any decision or action was taken.
- 1.4.5 The Chairman thought that the question might be considered on the following day by the Credentials Committee, and that the Secretary General should be invited to attend the Committee and give explanations. Since the question of courtesy to SCAP had been raised, the Secretary General should likewise be paid the courtesy which was due him.
- 1.4.6 Mr. Verboeket (Indonesia), Chairman of Committee 2 (Credentials Committee), considered that the question was not one for his Committee. The Plenary Assembly could, however, authorize the Chairman to consult with the Secretary General and convey the sentiments of the Conference in the matter, namely that, in view of Japan's withdrawal, she might, if the Secretary General approved, be invited to attend as an Observer, and that the Conference would appreciate such a step.
- 1.4.7 Mr. Plakias (US Territories) also considered that the question was outside the terms of reference of the Credentials Committee. He thought that the Plenary Assembly should not, however, be committed to any course of action before the Secretary General's opinion was known.
- 1.4.8 Mr. Searle (New Zealand) explained that his suggestion had been based on considerations of etiquette only. He asked whether Mr. Plakias was opposed to the invitation of SCAP, or whether he merely considered it unnecessary.
- 1.4.9 Mr. Plakias (US Territories) said that the gesture of etiquette suggested by Mr. Searle appeared to him unnecessary. He thought it preferable that the discussion and decision on the matter be deferred until the Secretary General's opinion was known.
- 1.4.10 Mr. Lalung-Bonnaire (French Overseas Territories) supported Mr. Searle's and Mr. McDonald viewpoints.
- 1.4.11 Mr. Verboeket (Indonesia) drew attention to the terms of the letter from Mr. Shinichi Hase to the Secretary General (Reg 3 Doc. 53) and to

the "desire to avoid any international ill will" expressed therein. He thought that an invitation to SCAP would be a fitting expression of the Conference's wish to reciprocate this sentiment.

- 1.4.12 Following a discussion on this point, it was agreed, on the suggestion of the Chairman, and with the formal support of Messrs. Sundaram, Lalung-Bonnaire, and Mirza, that the Minutes of the Meeting would contain an expression of the Conference's appreciation of Japan's action in withdrawing her request for participation, and its desire to welcome Mr. Cooke and his technical advisers in any capacity, irrespective of any further action taken, in view of the valuable contribution to the work of the Conference already made by these gentlemen.
- 1.4.13 Mr. Sundaram (India) said that, whatever differences might have arisen over the legal technicalities of Japan's admission, the Conference was unanimous in its appreciation of the help already given by Mr. Cooke and his advisers, and in its earnest hope that this help would continue. The Conference expressed agreement by acclamation.
- 1.4.14 Mr. Cooke (US. Territories' Adviser) then expressed his own and Mr. Hase's thanks for the tributes paid to them.
- 1.4.15 It was then agreed that the Chairman would consult with the Secretary General on the point raised by Mr. Searle, viz., the invitation of SCAP to the Conference and that the matter be referred to a later Plenary Assembly.
2. Item 2 of the Agenda: Report of Chairman of Committee 3 (R3-Doc. No 49)
- 2.1 Mr. Searle (New Zealand) Chairman of Committee 3, said that R3-Doc. No 49 had been approved by the Committee on Thursday, 23 June, 1949, with two amendments, viz. 1. para 3c on page 1: this item had been extended to include India,
2. para 3f: "Different tapes" to read "Different types".
- The main object in publishing a report had been to show the progress of the Work and to facilitate the work of Committee 5. A comprehensive report, coordinating all the data already given, would be submitted later to the Plenary Assembly. This had not been possible to date, since sections of the work remained incomplete.
- 2.2 Mr. McDonald (Australia) moved that the Report of the Chairman of Committee 3 (R3-Doc. No 49) be adopted without further discussion, since it had already been examined in Committee 3. This motion was seconded by Mr. Verboeket (Indonesia), and the report was then declared adopted un-animously, as a guide for further work, and without amendment.
- 2.3 Mr. Searle (New Zealand) then asked that R3-Doc. No 40 - the Report of the Special Working Group on frequencies above 27.5 Mc/s - be considered by the Assembly, since a decision on this document was necessary before Committee 3 could proceed with its work.

2.3.1 A short discussion then ensued between Mr. Minners, the Convener of the Special Working Group referred to above, and the Chairman, on "Question 1" of Document No 40, regarding the short-range propagational characteristics of frequencies above 27.5 Mc/s. Mr. Minners said, in regard to "Question 1" in Document No 40, that, although the Group had realised that long distance use was made of frequencies below 40 or 35 Mc/s, they had considered that there was no justification for the preparation of a special list.

2.3.2 Mr. Nerurkar (India) agreed with Mr. Minners that most frequencies above about 40 Mc/s would have predominantly short-range propagational characteristics. He thought, however, that the Report of the Group should be amended to read, in Question 1, as follows :

"In view of the predominant short-range propagational characteristics of frequencies above 27.5 Mc/s in general, and particularly in view of the fact that congestion in these bands is not very heavy, and the great labors that would be involved....."

2.3.3 After a discussion, the following resolution, submitted by Mr. Creighton (UK Colonies) was passed :

"The Administrative Radio Conference for Region 3

considering

that congestion in the bands above 27.5 megacycles is not serious at the present time

resolves

that this Conference does not wish to engineer frequency requirements above 27.5 megacycles, but notes that any country is free to register those frequencies above 27.5 megacycles which it desires to use".

The consensus of opinion, as evinced by the Chairman, was that the problem was one for bilateral settlement between Administrations, in the event of harmful interference. Mr. Wang (I.F.R.B.) intimated that the Secretary General had informed the I.F.R.B. that 15000 notifications had been received for the bands above 27.5 megacycles. The I.F.R.B. had taken no decision on the matter. He thought, however, that many of these notifications concerned Region 3. Mr. Siddiqi (Pakistan) considered that requirements in the bands above 27.5 megacycles would probably be few in number, and that such requirements could be dealt with by the Conference on the basis of notifications rather than on a technical basis. He pointed to the large number of requirements received in these bands, and Mr. Verboeket (Indonesia) replied that the large number of requirements did not necessarily imply congestion, and that, in any event, there had been no interference - or a negligible amount - experienced up to date.

Mr. Sundaram (India) sympathised with Mr. Siddiqi's viewpoint, but pointed out to him the difficulties of dealing with requirements above 27.5 megacycles. In reply to a query from Mr. Sundaram regarding the procedure adopted by the Region 1 and 2 Conferences in dealing with this question, Mr. Minners said that, up to June 18th, 1949 the Region 2 Conferences had not dealt with station lists above 27.5 megacycles, and

a United States proposal on the matter had not been considered. "Question 2" in Document N° 40 did, however, contain a recommendation for the designation of a number of frequencies above 27.5 megacycles, but this in no way implied the drawing up of a station list.

Mr. Searle agreed with Mr. Minners that the Conference could not and should not consider any station list above 27.5 megacycles. He, along with Mr. Creighton considered that, in view of the absence of data on propagation in the upper bands in question, and the relatively unadvanced stage of studies in that field, it would be imprudent for the Conference to involve itself in such studies.

Mr. Lalung-Bonnaire (French Overseas Territories) expressed the hope that the I.F.R.B. would begin its studies of the upper bands above 27.5 megacycles at an early date, before these bands became congested. Such frequencies could continue to be registered by the General Secretariat and referred by them to the I.F.R.B.

Mr. Ranji (India) supported the viewpoints of Mr. Lalung-Bonnaire, Mr. Creighton and Mr. Searle, and formally moved the adoption of R3 Doc.N°40.

Mr. McDonald (Australia), in supporting Mr. Creighton's resolution, emphasised that the problem was not, at the present time, a serious one.

3. Item 3 of the Agenda : Verbal Report of Chairman of Committee 4

3.1 Mr. Mirza, Chairman of Committee 4, gave a brief resumé of the work of his Committee, and of the progress made in its Working Groups 1 and 2, under the chairmanship of Mr. Sundaram and Mr. Cooke, respectively. (See R3-Documents N°s 72 and 44). He said that he would maintain contact with Mr. Dellemla of the I.F.R.B. regarding the P.F.B. cards.

3.2 Mr. Lalung-Bonnaire (French Overseas Territories), Mr. Jayasekara (UK Colonies, representing Ceylon), and Mr. Creighton (UK Colonies) announced the receipt of a small number of additional requirements from their Administrations, explaining the reasons for delay. The Conference decided to treat them as exceptional cases and agreed to the inclusion of the following requirements :

United Kingdom Colonies

1. For (3 medium frequencies, with powers of 3 kW, 20 kW and
FIJI (20 kW, 2 high frequencies, with powers of 20 kW and 0.10 kW.
2. For (1 medium frequency, with a power of 100 kW.
CEYLON

French Overseas Territories

for the (4 frequencies with powers of 400 kW.
ANTARTIC

3.3 Mr. Sundaram and Mr. McDonald briefly discussed the procedure to be followed by National Members, as laid down in Document N° 44, in dealing with the P.F.B. cards.

4. Item 4 of the Agenda : Verbal Report of Chairman of Committee 5

- 4.1 Mr. Lalung-Bonnaire, Chairman of Committee 5, announced that, at its meeting on the previous day, his Committee had examined paragraph 4 of Part V of the Report of the Preparatory Committee. No observations had been made, and it had been decided to submit this part of the Report for the approval of the Plenary Assembly as directives for Committee 5's work.

There were no objections raised, and this recommendation was unanimously approved.

- 4.2 Mr. Lalung-Bonnaire and Mr. Wang (I.F.R.B.) then discussed working methods used by the I.F.R.B. and liaison between Committee 5 and the Board on the card index system adopted. The Chairman emphasized the desirability of taking decisions without awaiting information from the Board, although the desire for coordination was understandable. It was then agreed that this procedure be adopted. Mr. Lalung-Bonnaire pointed out that one of his main objects in taking up this matter was economy. There would be considerable saving if the same type and size of cards were used by both Committee 5 and the Board. Mr. Verboeket suggested that the I.F.R.B. draft a model card and that an informal discussion be held with members of the I.F.R.B. Mr. Dobbryn (Australia) gave information on the work to be done by the Working Group which was to meet that night to discuss the question of the design of cards.

5. Item 5 of the Agenda : Any other business

- 5.1 The Secretary read a letter from the Secretary General concerning the accommodation of the Conference, and after a short discussion between the Committee Chairmen concerned, new arrangements were approved, taking into account the Secretary General's observations.

- 5.2 The Secretary read a letter from the Secretary General to the Chairman of the Conference proposing the replacement of Mr. Kunz as Secretary on account of the latter's assignment to the International Administrative Aeronautical Radio Conference (See R3-Doc. No 69, No 2.5). A short discussion then ensued on the text of the letter to be sent to the Secretary General by the Chairman; it was agreed that, although it was not likely that the Conference would have completed its work at the end of July, it was as yet impossible to state a definite closing date.

- 5.3 A letter from the Chairman of the Region 1 Conference concerning the suggestion by the Region 3 Conference for the sharing of expenses involved in field strength calculations (R3-Doc. No 18). The Region 1 Conference had considered that a decision on the question, at the present state of the work, would be premature. (See R3-Doc. No 69, No 2.1).

- 5.4 Mr. Verboeket, Chairman of Committee 2, (Credentials) formally announced the receipt of a telegram from the Burmese Administration accrediting Mr. S.S. Moorthy Rao to represent it. This matter would be discussed at Committee 2 and the type of representation desired would be ascertained.

5.5

The Chairman intimated that a letter had been sent by the Secretary of the Conference to the Secretary General concerning the unsatisfactory sanitary conditions in the Maison des Congrès (See R3-Doc. N° 69, N° 2.3). The Secretary General had written to the Geneva authorities on the question and it was hoped that action would soon be taken to improve conditions.

The Chairman closed the Meeting at 1750 hours,

Rapporteur :
G.M. Forrest

Secretary :
J. Kunz

Chairman :
S.S. Moorthy Rao

for Region 3
GENEVA, 1949

COMMITTEE 3

Report of the 14th Meeting of the
Technical and Operational Committee

12th July, 1949

1. The Chairman declared the meeting open at 2.10 p.m. He set the agenda of the meeting saying that Documents Nos. 85, 86 and 91 are to be considered by the Committee.
2. Document No. 85 was adopted by the Committee with a small editorial correction in paragraph 4, line 2, the term "standard group" be amended as "standards group".
3. Document No. 86 was adopted by the Committee with the following corrections:
 - (1) On page 2, paragraph 5, subparagraph 7; last sentence, insert "(Mr. Venkataraman)" after "latter".
 - (2) On page 3, paragraph 6, subparagraph 3, last sentence, amend "sea-save" to read "sea".
4. Document No. 91 was introduced by Mr. McDonald, Chairman of the Sharing group. He said that this document would replace Document 67, and added that the reason for amending Document 67 arose because of certain errors that were discovered in connection with correction factors used in the tables therein. The figures now appearing in Document 91 use both the data in Document 58 and 32 duly amended for aerial efficiency.

The document was adopted.
5. The Chairman then referred to the Consolidated Report of the Technical Committee contained in Document 89 which was distributed the same day. He said that it merely contained material which was already approved by the Committee. He requested the members of the Committee to say if in view of this they would discuss the Document in Committee 3 or whether they would agree to its being discussed in detail in the Plenary itself.

Mr. Venkataraman (India) said that the document was a preliminary one and some more reports would be annexed to it in due course. He said that under the circumstances, it would be preferable to discuss it in detail in the Committee because the Plenary would not be the right place to discuss small details. The Document was published, he added, only the same day and as such it had not been possible to study it before the Committee meeting of that day. He requested therefore to have some more time to study the document before consideration by the Committee.

Mr. McDonald (Australia) said that he had not had the opportunity of studying the document but asked the Chairman to clarify if there was anything in the document that was not already agreed to by the Committee.

The Chairman said that the document contained only those principles or standards which were approved by the Committee. Nevertheless, he said that he had incorporated a few factual statements or sentences such as in section 12.5.2 on page 10 in order to give a completeness of character to a technical report.

After a short discussion, it was decided to postpone consideration of the document to the next meeting of Committee 3. Members were requested to keep discussion of the document down to the minimum, because most material was already approved by the Committee in earlier meetings.

The Chairman then asked the various Chairmen of the Working Groups if there were any questions to be considered.

6. Mr. Jayasekara (U.K. Col. - Ceylon) raised a point about the question of Band Edge Conditions that was referred to his Working Group on Standards. He requested Mr. Lalung-Bonnaire, the Chairman of Committee 5, to express his opinion as to whether a table of discrete frequencies in all the bands was necessarily required of his Working Group or whether that could be left to Committee No. 5.

The Chairman explained the point raised and added that in general a table of discrete frequencies such as could be drawn up at this stage could not be adhered to by Committee 5 in view of the fact that as far as possible, Committee 5 would maintain existing frequencies as they are presented by countries.

Mr. Jayasekara (U.K. Colonies) supplemented his earlier statement saying that in the absence of detailed knowledge of requirements, the table of discrete frequencies would have to be too exhaustive and too big. For instance he said, whereas the requirements in AM transmissions may be a certain small number, the spot frequencies to be worked out would be large and extensive. It may not be worthwhile, he said, at the present stage to do this and to incur all the expense necessary in documenting voluminous lists.

Mr. Lalung-Bonnaire (French Overseas Territories) said that all that was necessary was the information on limit frequencies of each band and channel width for each kind of transmission. This would enable Committee 5 to carry out its work in a rational manner under its directives and it would also simplify the presentation so far as Committee 3 is concerned.

Mr. Jayasekara (U.K. Colonies) thanked Mr. Lalung-Bonnaire for the above statement and added that his Working Group would fulfill its task as clarified, shortly. The Channel separations were already published for various types of transmissions and the band-edge requirements would be worked out in the manner suggested by the Chairman of Committee 5.

The above procedure was agreed to by the Committee.

7. Mr. Minners (U.S.Territories), the Chairman of Working Group D, at the request of the Chairman stated that he would finish the work of his group very shortly. The next meeting of the Working Group was scheduled for Thursday afternoon at 2.30 p.m. and he hoped to place the findings of his group in the form of a document subject to the receipt of the final acts of Region 2 Conference that had not yet been received.

8. Mr. Venkataraman (India), Chairman of Propagation Group, stated that the Field intensity tables were under print and the covering document would be ready in a day or two for consideration of the Committee. He added that he would need one more meeting for finishing his group's work.

The Chairman thanked all the Chairmen of the Working Group for their statements, and adjourned the meeting at 2.35 p.m.

Reporter:

B.Y.Nerurkar

Chairman:

G. Searle

18th July 1949.

for Region 3
GENEVA, 1949

COMMITTEE 3

Report of the Technical
and Operational Committee.

Fifteenth Meeting

13th July 1949

1. The meeting opened at 2.5 p.m.
2. The Chairman said that Doc.89, the first Preliminary Consolidated Report was the only Document to be considered at this meeting.
3. Doc.89 was considered section by section and a number of corrections were made in the nature of drafting. It was decided to publish a corrigendum to Doc.89, giving detailed corrections introduced instead of reproducing them in the minutes.
4. There was some discussion on section 12.4 of Doc.89, on the question of Maximum Power. Capt. Siddiqi (Pakistan) wished to move an amendment to the resolution contained in that section, which in his view, leave the Conference free to recommend a low maximum power limit depending on the no. of requirements.

Mr. Nerurkar (India) opposed the motion and said that the proposal appearing in the document was a compromise proposal adopted in one of the earlier meetings of Com.3, wherein he had made it clear that the question of maximum power was purely a technical question independent of the density of requirements or the no. of requirements and was opposed to a proposal on the lines suggested even at that meeting on the same lines as Capt. Siddiqi now intended to propose.

He further added that in case discussion on this question is to be reopened, he would be glad to do so, provided the Committee agrees to do so, on a formal motion.

Discussion that followed included the following speakers:
Capt. Siddiqi (Pakistan), Mr. Lallung-Bonnaire (French Overseas Territories), Mr. McDonald (Australia), Mr. Jayasekara (U.K. Colonies), and Mr. Nerurka (India).

It was decided by vote not to reopen the question, on a formal proposal from the Chair.

Capt. Siddiqi made the following statement which he desired included in the minutes: "Pakistan Delegation feels that at one time or another especially at the time of assignment it may be necessary to recommend a certain upper limit of power for different types of transmissions depending upon the density of requirements in Region 3. Paragraph 12.4 under heading "Maximum Power" as it appears in Doc.89 restricts the very right of this Conference to recommend an upper limit of power. We feel that the deletion of words "possible or" as they appear in the 3rd line of the paragraph will leave way for Committee 5 to deal with this problem as it feels fit since we feel that by strict application of technical principles sharing in Region 3 will be extremely difficult."

The meeting adjourned at 5.15 p.m.

B.J. Nerurkar
Reporter

G. SEARLE
Chairman

for Region 3
GENEVA, 1949

COMMITTEE 2

Report by the Credentials and Drafting Committee

(Committee 2)

Seventh Meeting

18 July, 1949

1. The meeting was opened at 9.40 a.m. by the Chairman, Mr. Verboeket (Indonesia).

2. Approval of the Report of the 6th Meeting (Doc. 59)

The Secretary read out the following telegram which had been sent to Burma by the Secretary General at the request of the Committee (see para 3, Doc. 59):

"Telecoms Rangoon
for Foreign stop acknowledge receipt your telegram INT 240/G
22 June stop I note that Burma will participate Region 3
Administrative Radio Conference and that Mr. S.S. Moorthy Rao
has been appointed delegate for Burma".

The report was approved without comment.

3. The Chairman read out a letter from the Department of Overseas Telecommunications, London, to the effect that Mr. H.A. Rowland was being replaced by Mr. G.D. Deuchars, Divisional Chief, Telecommunications Department, Ministry of Civil Aviation, London, in the Delegation of the United Kingdom Colonies.

The Committee noted this alteration.

4. In confirmation of information already received, the Minister of Foreign Affairs, Pakistan, had sent credentials for Mr. M.N. Mirza, Assistant Director General, and Captain M.R. Siddiqi.

These credentials were accepted.

5. The meeting rose at 9.50 a.m.

Secretary:

J. Kunz

Chairman:

L. Verboeket

18 July, 1949

for Region 3
GENEVA, 1949COMMITTEE 33rd Report of Propagation Working GroupCalculation of skywave field intensitieson frequencies below 3900 kc/sIntroduction

One of the terms of reference to the Propagation Working Group was the calculation of received field intensities in the frequency bands covered by the Region 3 Conference below 3900 kc/s. In considering this problem it was recognised that in the case of the lower frequencies (below 1.5 Mc/s the propagation by the direct ray may also have to be taken into account and it was therefore considered desirable to split the whole band under consideration into two broad divisions namely :

- 1) the band below 1605 kc/s (1605 kc/s being the upper limit of the M F broadcast band and
- 2) the band between 1605 and 3900 kc/s

Estimation of Field Intensity below 1605 kc/s

In the case of frequencies below 1605 kc/s a certain amount of data on received field intensities are already available in the publications of the C.C.I.R. and the Federal Communications Commission (of the United States of America) and the Working group came to the conclusion that the information given therein could be straightaway used for purposes of the Region 3 Conference. The publications referred to are (Vide Region 3 Doc. No 28) :

- a) C.C.I.R. Report of Committee on Radio Wave Propagation, London (dated 25.11.1947) for specific application to propagation of frequencies below 550 kc/s.
- b) F.C.C. standards of good engineering practice concerning standard Broadcast stations (October 30, 1947) for specific application to Propagation of frequencies in the band 550 - 1600 kc/s (Medium wave Broadcasting).
- c) C.C.I.R. Stockholm 1948, Doc. No 149, July 21, 1948 for special application to ground wave propagation over paths partially of land and sea water (this Document covers the range of frequencies 240 - 1060 kc/s).

Estimation of field intensities in the band 1605 - 3900 kc/s

On the range of frequencies 1605 - 3900 kc/s - due to the much heavier attenuation of the ground wave than in the case of the lower frequencies - the received field intensity, except at very short distances from the transmitter, will be due to the sky wave.

As detailed data on received field intensities in this band was not available, it was considered desirable to calculate the sky wave field intensities for certain spot frequencies in the band for different hours, seasons and distances in a manner similar to the field intensity data calculated and issued by the P.F.B. on frequencies of 4 Mc/s and above (of Charts of Field Intensities issued by the PFB in the form of Brown books). The values of field intensity for any frequency intermediate between the spot frequencies could be easily obtained by interpolation.

The spot frequencies chosen were 1.5, 2.0, 2.5, 3.0 and 3.5 Mc/s and it will be seen that the frequency separation between the spot frequencies is 0.5 kc/s as contrasted with the wider spacing adopted in the PFB field intensity charts where the spot frequencies chosen were 4, 5, 6, 7, 8 Mc/s etc., with a spacing of 1 Mc/s. This was necessitated by the fact that, for frequencies lower than 3900 kc/s, the absorption curves show pronounced kinks and as such serious errors are likely to result in interpolation for intermediate frequencies if the spot frequencies are spaced at intervals greater than 0.5 Mc/s.

In this connection, the group recognised the fact that the field intensity values for 3.0 Mc/s had been calculated sometime back by Capt. Richard and issued by the PFB in the form of tables and as these are readily available to members, the calculations were undertaken for 1.5, 2.0, 2.5 and 3.5 Mc/s only.

The calculated data cover in all about 480 tables. Of these, however, it was decided to print and issue only about 360 tables, covering the frequencies of 2.0, 2.5, and 3.5 Mc/s, the remaining tables (covering the frequency 1.5 Mc/s) being kept as a filed record in the Region 3 Secretariat for purposes of reference.

The printed data are issued in 12 parts according to the following scheme :

Part No.	Frequency Mc/s	Season		
I	2.0	December	Sunspot Number	0
II	"	"	"	125
III	"	June	"	0
IV	"	"	"	125
V	2.5	December	"	0
VI	"	"	"	125
VII	"	June	"	0
VIII	"	"	"	125
IX	3.5	December	"	0
X	"	"	"	125
XI	"	June	"	0
XII	"	"	"	125

For each frequency, the field intensities have been calculated for

- 1) All the hours of the day at two hourly intervals.
- 2) Distances of 400, 800, 1200, 1600, 2400 and 3200 kms.
- 3) Latitudes (of receiving point) of 40° N, 20° N, 0°, 20° S and 40° S.
- 4) Local summer and winter.
- 5) Sunspot maximum and minimum.

- 6) Transmission path lying on any of 12 uniformly spaced great circle routes (designated by the letters A to L), the routes considered being the same as adopted in the Field Intensity Charts (Brown books) issued by the PFB (the Convention adopted in indicating the 12 great circle routes by the letters A to L is the same as that adopted in the PFB Field Intensity Charts).

The calculation of the field intensities has been based on the following assumptions:

- 1) The power radiated is 1 kW
- 2) The transmitting and receiving aeriels used are horizontal half wave dipoles situated 60 ft above ground
- 3) The directions of radiation and reception are broadside-on to the aeriels.

The method employed for the calculations is described in detail in RPU Technical Report No 6 issued by the United States Army Signal Corps. The modes of propagation considered are IE, IF, and 2F except that in the case of 2400 kms, the 2 E mode of propagation has also been taken into account although the contribution to the overall field strength by this mode was found in most cases to be not appreciable.

Along with the printed tables, a map of the world as well as charts giving the 12 great circle routes referred to above - all drawn to the same scale - are issued on transparent paper in order to facilitate the determination of the received field intensities for any circuit.

The horizontal axis in the great circle charts, represents the equator. The reference point (reception point) is considered as being situated on the median vertical axis at the meeting of the 12 great circle arcs (lettered A to L). The terminal point of each arc is 4000kms from the reference point. The intermediate points marked on each of the arcs are at 400, 800, 1200, 1600, 2400 and 3200 kms from the reference point.

Use of the field intensity tables.

A brief introductory note explaining the symbols used and the basic assumptions made in the calculations is attached to each of the 12 booklets containing the field intensity tables. The following procedure is to be adopted in using the tables for evaluating the received field intensity for any circuit lying within the region for which these tables have been prepared:

1. Ascertain the local time at the reception point.
2. Select the appropriate great circle chart for the latitude nearest to that of the reception point.
3. Lay the chart on the map of the world such that the equators coincide and the median axis of the chart lies over the meridian of the reception point.

4. Note which of the 12 great circle routes passes or very nearly passes through the transmitting point.
5. Read the great circle distance between the transmitting and receiving points as read from the markings on the great circle arc.
6. Select the appropriate table of field intensities for the frequency, season, distance and latitude of the reception point and read off from the table, the field intensity corresponding to the hour and great circle route under consideration.
7. The field intensity values for any latitude and distance in-between those for which the tables have been computed may have to be obtained by linear interpolation.
8. The field intensity values for radiated powers other than 1 kW and for transmitting and receiving aerial systems other than those assumed in the preparation of the tables could be obtained by applying necessary corrections to the values given in the tables.
9. The field intensity for any frequency in the range 3.5 to 3.9 Mc/s will have to be obtained by interpolation by reference to the appropriate table for 3.5 Mc/s and the corresponding P.F.B. Field intensity Chart for 7 Mc/s.

Example:

To determine the field intensity produced at Bombay (19° N 73° E) by a transmitter at Calcutta (22° N 88° E).

Transmitting frequency 3.5 Mc/s
Power 5 kilowatts (7 decibels above 1 kW)
December 13 hours GMT
Sunspot number 0.

The latitude of Bombay is 19° N and hence the great circle chart for 20° N is selected. By following the procedure outlined above, the great circle route between Bombay and Calcutta will be found to be midway between the great circle areas C and D and the great circle distance will be found to be 1600 kms. The L.M.T. at Bombay corresponding to 13 hours GMT is 17.52 hours or nearly 18.00 hours.

From the field intensity table for 3.5 Mc/s, December, sunspot number 0 and distance 1600 kms, the field intensity corresponding to great circle route C will be found to be 41 db. above 1 microvolt/metre and that corresponding to great circle route D to be also 41 db. above 1 microvolt/metre. The mean value for field intensity for the routes C and D will therefore be 41 db. above 1 microvolt/metre.

The field intensity due to 5 kW radiated power will therefore be 48 db. above 1 microvolt/metre.

Conclusion:

As the field intensities have been calculated for application to areas covered by Région 3 (which includes Ionospheric Zones 1 and E) consideration has been given, in the preparation of the tables, to possible differences in modes of propagation that may prevail in the two Ionospheric Zones.

Such differences, however, have, in view of the low frequencies involved; been found to exist only in a few cases and in those cases, a mean value for the received intensity has been taken. Errors on this account are not likely to be greater than 1 or 2 db.

In calculating the night time field intensities, ideal zero absorption condition has been assumed. This may not give a true picture of actual conditions prevailing, as it is well known that, especially in summer, a certain degree of residual ionisation is still left in the E layer, particularly in the early hours of the night and this may cause noticeable absorption on the comparatively low frequencies as are being considered here.

It will be useful to check up the calculated values against actually measured values when the latter become available.

K. VENKATARAMAN,

CHAIRMAN

for Region 3
GENEVA, 1949

COMMITTEE 4

Report of the Requirements Committee

5th Meeting

5 July, 1949

1. The Chairman opened the meeting at 2 p.m. on 5 July, 1949.
2. He drew attention of the members to Document No. 79, report of Working Group 1, and asked for its consideration.
 - 2.1 Capt. Siddiqi (Pakistan) stated that he believed that the Secretariat had already begun to number the pages in the I.B.M. basic list (para. 2.1 of Document 79 ref.), and suggested that this work be deferred until national members had completed the I.B.M. list for which Committee 4 had fixed the dead line date as 6 July, 1949.
 - 2.2 Mr. Sundaram (India) explained that the point raised by Capt. Siddiqi had already been attended to and the numbering of the I.B.M. list had been deferred, and deleted in the case of those already done.
 - 2.3 Mr. Jayasekara (Ceylon) stated that in view of the possibility of Ceylon being admitted as a separate member to the I.T.U. in the near future, it would be desirable to have a separate folder for Ceylon's requirements instead of filing Ceylon's requirements in the folder for the U.K.Colonies.
 - 2.4 Mr. Sundaram (India) enquired whether separate folders would also be necessary for filing frequency requirements of other Colonies.
 - 2.5 After discussion it was agreed that a separate folder be made out for Ceylon's requirements, but it was not necessary to do so in the case of other Colonies, except that individual Colonies' requirements may be indexed and indicated on the first page of such folders.
 - 2.6 The Chairman then drew attention of the members to para. 3 of the Document (79) and enquired whether the dead line date recommended by the Working Group did provide sufficient time for the national members to incorporate all the data in the I.B.M. list.
 - 2.7 With the exception of India and the Republic of Korea, national members of other countries informed the meeting that theirs lists would be handed in to the Secretariat by the morning of 6th July. Mr.Sundaram (India) stated that India's list would be handed over by the evening of the 7th July. Mr. Pak (Korea) stated that as the Document under discussion fixing 6th July as the target date had been published only on the morning of the 5th July, he would require two to three days more to complete the I.B.M. list. This was agreed.

- 2.8 The Chairman then referred to paragraph 4 of the Document and asked for its consideration by the meeting.
- 2.9 Mr. Searle (New Zealand) enquired of the source from which frequency requirements for the People's Democratic Republic of Korea had been received.
- 2.10 Mr. Kunz (Secretary) stated that the requirements were first received by telegram and later confirmed by a letter addressed to the Secretary General. The letter was undated. He explained that in such cases where letters have no date, it is a practice to take into account the date of receipt of the correspondence. He added that in the case under discussion, the letter was addressed by the Ministry of Foreign Affairs of the People's Democratic Republic of Korea but bore the stamp of the General Post Office Moscow.
- 2.11 After discussion in which the Chairman and delegates of New Zealand, Australia, India, U.K. Colonies took part it was agreed that the matter be referred to Plenary Assembly for its consideration and decision.
- 2.12 The Chairman then drew attention of the members to paragraph 5 of the Document, and asked Mr. Sundaram to apprise the meeting of the arrangements made for preparing copies of the I.B.M. list. Mr. Sundaram explained that as a result of the directive to the Working Group he had consulted Mr. L.B., Chairman of Committee 5, and had arranged for seven copies of the I.B.M. list to be typed out by special typing staff secured through the Secretariat.
- 2.13 After discussion in which Delegates of New Zealand, Pakistan and U. S. Territories took part, it was agreed that as Committee 5 was considering preparation of cards for its assignment work, it would perhaps be unnecessary to have any additional copies of the I.B.M. list typed out as long as the basic list was legible. It was further agreed that Committee 5 may be apprising the views of the Committee 4 and asked to reconsider the matter.

3. The Chairman then drew attention of the members to Document 72 and suggested that the following amendment be incorporated:

Paragraph 1, for "On June 1949" read "on 22 June 1949". This was noted.

- 3.1 Mr. Searle (New Zealand) then referred to paragraph 6.1 of the Document and suggested the following amendment:

for 3500 - 3800 kc/s read 3500 - 3900 kc/s.

for 3500 - 3900 kc/s read 3500 - 3800 kc/s.

This was noted.

There being no other observations, Document No. 72 was approved.

- 3.2 The Chairman then drew attention of the members to paragraph 4.2 of Document 72 and asked Mr. Sundaram to report.
- 3.3 Mr. Sundaram explained that as far as the Working Group can ascertain, the frequency requirements between 3900 - 4000 kc/s submitted by Administrations have to be dealt with by the P.F.B. This was noted.
4. The Chairman then invited attention of the members to Part III of the P.C. Report, and asked for its consideration.
- Mr. Searle (New Zealand) suggested that consideration of Part III may be postponed until members have had time to study the contents. This was agreed. It was further agreed that to save time, Working Group 1 should also study it and submit a report for consideration of the members at the next Committee meeting.
5. Capt. Richard (France Overseas Territories) drew attention of the meeting to paragraph 3.4 Part V of the P.C. report and stated that he had been asked by Mr. Lalung-Bonnaire to say that he (Mr. Lalung-Bonnaire) proposes to classify as Medium Grade all those circuits which had not been graded otherwise by Administrations.
- 5.1 After discussion in which the Chairman and the Delegates of New Zealand, Australia, India, U.K.Colonies and French Overseas Territories took part it was agreed that Working Group 1 should examine and report whether such classification had been received from Administrations as required in the P.C.Report, and refer the matter if necessary, to the Plenary Assembly for decision. It was further agreed that in the case of Countries not represented at the Conference and from which lists showing classifications had not been received by the Secretariat, all circuits not graded may be treated as medium grade.
6. There being no other business, the meeting adjourned at 4.20 p.m.

M. N. Mirza
Chairman

for Region 3
GENEVA, 1949

COMMITTEE 5

Report by the Committee
for the Allocation of Frequencies

(Committee 5)

7th Meeting

18th July, 1949

1. The Chairman, Mr. Lalung-Bonnaire, opened the Meeting at 10.15 a.m. and stated that no agenda had been distributed and that the Meeting was to be considered as being of a general informative nature for the benefit of those delegates who wished for certain explanations of the principles already adopted relating to the actual organisation of the work of Committee 5.
2. Mr. Chung, for his part, asked how the following points were to be dealt with:
 - a) requirements for frequencies already in use and which countries wished to retain, even if out of band, i.e. in derogation.
 - b) frequency assignments for circuits which, in accordance with the frequency complements worked out by the P.F.B., receive an allocation in the regional bands.The Chairman replied that
 - 2.1 for requirements for frequencies in derogation it was necessary:
 - to be sure beforehand that the assignments in question would in no case cause harmful interference to other stations authorized by the Regulations to operate in the given band; this should, of course, be an essential condition.
 - to leave it to the delegations concerned to study the problem created by such requirements and to work out agreements which might result from the solutions finally adopted.
 - 2.2 the circuits dealt with by the P.F.B. for which regional assignments had been made should be examined in the same way as the other requirements submitted to the Administrative Radio Conference for Region 3, from the point of view of their classification only - i.e. in service or projected - so that they can be included in Categories 2 and 3 shown on Page 3 of Document N° 92.
3. Mr. Chung said that some of the circuits dealt with by the P.F.B. did not originally use low frequencies; he would have preferred to classify all the cards into five categories (instead of three):-

- a) Circuits using a frequency included in the band allocated to the ensured service.
- b) Circuits using a frequency included in a band not allocated to the ensured service.
- c) Circuits using a frequency included in a band not allocated to the ensured service but to be maintained in derogation.
- d) Circuits dealt with by the P.F.B. which did not originally use a frequency in the bands studied by Region 3.
- e) Projected Circuits.

Nevertheless, he shared the opinion of the Chairman and considered that the Working Groups could proceed to study the cards, taking into account all the additional relevant information.

4. Mr. Chung also remarked that cards had been prepared for frequency requirements in the 10-150 kc/s band.

The Chairman stated that he shared the opinion of Mr. Searle that this constituted a material error since this band should be dealt with by the P.F.B. Thus it was not for Region 3 to study these requirements any more than those in the 2850 to 3155 kc/s bands allocated exclusively to the aeronautical mobile services and dealt with by the Aeronautical Conference.

As regards the latter, the Chairman pointed out that the conclusions reached by the Aeronautical Conference at the end of its first meeting showed the overloaded state of the bands allocated exclusively to the aeronautical mobile service. In the circumstances, he considered it wise at this stage to avoid providing for the operation of certain other services in derogation in these bands and, if necessary, to study immediately the displacement of their frequencies.

5. As no other points were raised, the meeting adjourned at 11 a.m. The Chairman announced that all the materials (maps, reference documents, transfer paper, cards, etc) required for the work of the groups had been placed at their disposal in the Palais Wilson Annex.

J. Lalung-Bonnaire,
Chairman

AGENDA
for the 6th Plenary Meeting
to be held on Friday 22 July, at 0930 hours.

1. Approval of Minutes of 3rd and 4th Plenary Meetings (Doc. 81 and 103)
 2. Reports of Chairmen of Committees.
 3. Setting of target date for completion of the work of the Conference.
 4. Signing of final documents of Conference.
 5. Any other business.
-

ORDRE DU JOUR
de la 6e Séance plénière
du vendredi 22 juillet à 9h.30

1. Approbation des procès-verbaux des 3e et 4e séances (Doc. 81 et 103)
 2. Rapports des Présidents de Commissions.
 3. Fixation d'une date cible pour la fin des travaux de la Conférence.
 4. Signature des documents finals de la Conférence.
 5. Divers.
-

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 111-E
22 July, 1949.

REVISED

SCHEDULE OF MEETINGS
for the period 25 to 30 July, 1949.

In accordance with the decision of the 6th Plenary Meeting of the
22nd July.

Every day, from 09.00 to 12.30 and from 14.00 to 19.00 hours
(except on Saturday afternoon)

Working Groups

Wednesday, 27 July

12.00 hours	Committee 1
21.00 "	Plenary Meeting

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE, 1949

Région 3 - Document N° 111-F
22 juillet 1949

REVISE

HORAIRE DES SEANCES
du 25 au 30 juillet 1949.

Conformément à la décision de la 6e Séance plénière du 22 juillet.

Tous les jours, de 9 heures à 12h.30 et de 14.00 à 19.00 heures
(sauf le samedi après-midi)

Groupes de travail

Mercredi 27 juillet

12.00 h.	Commission 1.
21.00	Séance plénière

SCHEDULE OF MEETINGS
for the period 25 to 30 July, 1949.

Monday, 25 July	09.30	hours	.....	Working Groups
	14.00	"	.....	Working Groups
Tuesday, 26 July	09.30	"	.....	Working Groups
	14.00	"	.....	Working Groups
Wednesday, 27 July	09.30	"	.....	Committee 5
	12.00	"	.....	Committee 1
	14.00	"	.....	Committee 4
Thursday, 28 July	09.30	"	.....	Committee 3
	14.00	"	.....	Working Groups
Friday, 29 July	09.30	"	.....	Plenary Meeting
	14.00	"	.....	Working Groups

HORAIRE DES SEANCES
du 25 au 30 juillet 1949.

Lundi 25 juillet	9h.30	.....	Groupes de travail
	14h.00	.....	Groupes de travail
Mardi 26 juillet	9h.30	.....	Groupes de travail
	14h.00	.....	Groupes de travail
Mercredi 27 juillet	9h.30	.....	Commission 5
	12h.00	.....	Commission 1
	14h.00	.....	Commission 4
Jeudi 28 juillet	9h.30	.....	Commission 3
	14h.00	.....	Groupes de travail
Vendredi 29 juillet	9h.30	.....	Séance plénière
	14h.00	.....	Groupes de travail

22 July, 1949

for Region 3
GENEVA, 1949

COMMITTEE 4

Report of the Requirements Committee

(Committee 4)

6th Meeting - 14 July, 1949.

1. The Chairman opened the meeting at 9.30 a.m. on 14 July, 1949.
2. He invited attention of the members to Document 96 (Report of Working Group 1) and took up consideration of the Document, item by item.
 - 2.1 Mr. Dobbyn (Australia) referred to para. 2.2 of the Document and stated that as a result of his discussion with Mr. Petit, Chairman of the Maritime Group, a letter was under issue from the P.F.B. Chairman to Mr. Rao, Chairman of Region 3 Conference, inviting the latter's attention to the Maritime Mobile requirements that would have to be accommodated in the Regional Bands.
 - 2.2 He suggested that in view of the foregoing, the following amendment be made in the paragraph:
 - (1) Delete: "As the Maritime Group has set July 13 as the last date for receiving documents etc., the Working Group decided that this work should be completed by July 15."
 - (2) Delete: "Appendix C of Document 591 of the P.F.B." Insert "the Telegraph and Telephone plans".

The amendments were noted.

- 2.3 Mr. Verboeket (Indonesia) in referring to the same paragraph suggested that the word "therefore" be deleted from the last sentence of the paragraph. This was agreed.
- 2.4 The Chairman then took up consideration of para. 2.6 of the Document. After discussion, it was agreed that the date - viz. 1 September 1949 for projected circuits - set up by P.C. should be adhered to and referred to the Plenary Assembly for ratification.
- 2.5 He then referred to paragraph 2.8 of the Document for consideration by the members. After discussion in which the Chairman and the Delegates of India and New Zealand took part, it was decided that it would not be desirable to press the P.F.B. for a specific reply at this stage in its work.
- 2.6 The Chairman then drew attention of the meeting to the Recommendation of Working Group 1, contained in paragraph 2.9 of the Document. After a long discussion, the meeting agreed that the question of subdividing shared bands referred to in paragraph 12 of the P.C. Report may be referred to Committee 5 for its consideration and decision.

- 2.7 He then referred to paragraph 2.10 of the Document and the members agreed with the recommendation of the Working Group contained in that paragraph.
- 2.8 The Chairman then invited consideration of paragraph 3 of the Document and asked Mr. Sundaram to indicate a firm date for completion of the I.B.M. list in all respects. Mr. Sundaram explained that the list was complete except that the sheets had to be bound and put into folders as decided by the Committee. The delay in doing this was due to the various parts being used for the preparation of cards by the special staff. He added that the I.B.M. sheets would however be completed before the next Committee meeting.
3. Capt. Siddiqi (Pakistan) then enquired whether any decision had been reached with regard to the procedure for dealing with frequencies between 3900 - 4000 kc/s. After much discussion in which the Chairman and the Delegates of India, New Zealand, Indonesia and Pakistan took part, it was agreed that it was outside the terms of reference for Region 3 to deal with frequencies between 3900 - 4000 kc/s, as such frequencies would be dealt with by P.F.B. It was however considered that as certain administrations had, owing to some misapprehension, filed requirements between 3900 - 4000 kc/s with Region 3 Conference, it would be necessary to transfer those requirements to the P.F.B. It was decided that Capt. Siddiqi (Pakistan) and Mr. Sundaram (India), Chairman of Working Group 1, should devise a practical way of transferring to P.F.B. such frequency requirements received from the Pakistan Administration.
4. Capt. Siddiqi (Pakistan) then invited the attention of the meeting to paragraph 13 of Document 93 (Report of the 5th Meeting of Committee 5). This was noted.
5. The Chairman then drew the attention of the members to the question of classification of circuits into High and Medium Grade, and recalled the discussion at the previous Committee meeting. After a brief discussion it was agreed that Administrations represented at the Conference would indicate the classification in the cards now under preparation. It was also decided that in the case of Administrations not represented, the circuits may be classified as Medium Grade - unless notified otherwise by the Administrations concerned.
6. There being no other business, the Chairman closed the meeting at 11.30 a.m.

M. N. Mirza
Chairman

for Region 3
GENEVA, 1949

COMMITTEE I

Report of the Steering Committee

12th Meeting

held on

Wednesday, July 20th, 1949

The Meeting was opened at 12.30 hours by the Vice-Chairman,
Mr. D. McDonald.

1. Item 1 of the Agenda - Approval of Report of the 11th Meeting
(Document N° 102)

1.1 The report of the 11th Meeting was approved without amendment.

2. Item 2 of the Agenda - Drafting of an Agenda for the 6th Plenary Assembly
(Friday, July 22nd, 1949).

2.1 The Agenda which appears in Document N° 110 was drawn up.

2.2 Mr. Searle (New Zealand) suggested that the question of the signing of the Final Acts of the Conference be discussed. The Vice-Chairman considered that signatures would not be necessary, since the Conference's decisions would, in effect, be tentative, and subject to review by the P.F.B. or the Special Administrative Conference. Mr. Lalung-Bonnaire (French Overseas Territories) considered that some of the Acts of the Conference could be signed, e.g. those dealing with the exclusive frequencies for safety of life at sea, or for aeronautical protection over certain countries.

3. Item 3 of the Agenda - Drafting of a Schedule of Meetings

3.1 A Schedule of Meetings for the period July 25th to July 30th was drawn up (See Region 3 Document N° 111).

4. Item 4 of the Agenda - Any other business

4.1 The Vice-Chairman drew attention to Region 3 Document N° 99, which contained a letter from the Chairman of the P.F.B. to the Chairman of the Region 3 Conference. This letter dealt with the work of the P.F.B. Maritime Group, and its relationship to that of the Region 3 Conference. It was decided that the questions dealt with therein could be assigned to Committee 4 of the Region 3 Conference.

4.2 The Secretary informed the Committee of a letter which he had received from Mr. A.G. Sharar, Chargé d'Affaires at the Royal Afghanistan Embassy, Paris, concerning the attendance of Mr. Mohamed Hussain Kahn at the Region 3 Conference. He also read out the letter which had been sent in reply.

The Vice-Chairman closed the Meeting at 12.50 hours.

Rapporteur :
G.M. Forrest

Secretary :
J. Kunz

Vice-Chairman :
D. McDonald.

for Region 3
GENEVA, 1949

COMMITTEE 3

Report of the Technical and Operational Committee

16th Meeting

21st July, 1949.

1. The Chairman declared the meeting open at 9.45 a.m.
2. Documents Nos. 104 and 105, minutes of the 14th and 15th meetings of Committee 3 were adopted.
3. Document No 98, Fourth Report of the Working group on Technical Standards was introduced by M. Jayasekara, the Chairman of the group.

There was a brief discussion on the document in which Capt. Siddiqi (Pakistan), M. Jayasekara (U.K. Col.), Mr. Minners (U.S. Territories), M. Lalung-Bonnaire (French Overseas Territories) took part. A number of corrections and modifications were introduced. The Chairman, then stated that in view of the fact that this report has to be annexed to the main Consolidated Report of Committee 3, a revised document would be published incorporating the corrections and modifications made.

- 4.1 Document No 100 E, the Report of Working Group 4 on "Operating Regulations", was then introduced by the Chairman of the group Mr. Minners (U.S. Territories).

Mr. Minners (U.S. Territories) stated that the final acts of Region II Conference were just received and he had the opportunity of comparing its language and substance in regard to these questions of Regulations on Maritime Mobile Telegraph and Telephone Services, with that in the report of his group. There was general agreement between the two although a few exceptions existed.

The main point of difference was the nature of the Recommendations contained in the Working group Report which were not obligatory or mandatory as in the case of Regulations adopted by the Region II Conference which were so in the case of American Republics. He clarified however that the regulations adopted by Region II were mandatory only for American Republics and ships of other regions entering Region II were in no way obliged to follow these regulations although it would be in mutual interest to do it. The working group he said, had given considerable thought to this question of framing regulations or recommendations and was unanimously of the opinion that for the purposes of Region 3 these be termed "Recommendations" which were optional and not mandatory.

Mr. Minners (U.S. Territories) said that the question of certain channels in the band 152 - 162 mc/s was still pending before the working group and one more meeting was necessary in the next 10 days or so to complete this item.

The Chairman then opened a general discussion on Doc. 100. The recommendations in item I - points 1 to 7 were first considered.

Mr. Lalung-Bonnaire (French Overseas Territories) sought a general clarification on the purpose of setting up complementary frequencies of 2091 and 2182. He said that his aim in asking this clarification was to know if simultaneously two watches on 2091 and 2182 would be necessary and for which two operators and two receivers - possibly three operators in certain cases would be required. He was interested in the repercussion of these recommendations because he was aware that in small stations for maritime safety the personnel and equipment were both limited.

The Chairman stated the following in clarification:

"Item I refers to Maritime Radio Telegraph Service only and item II refers to Maritime Radio Telephone Service. The use of 2182 is already designated as a "watch" frequency. The frequency of 2091 under item I is for Radio Telegraphy and we now propose to designate it for the Telegraph Stations for maritime mobile service open to Public Correspondence and operating within the limits of the band. It is not necessary to carry out a distress watch on the frequency 2091 kc/s. But if a frequency in the band 2000 - 2180 is used by a station, then it is recommended to administrations, that they should use 2091. This point is covered by Recommendation 1 under Item I".

Mr. Minners (U.S. Territories) supplemented the Chairman's remarks with the following:

"There is no obligation in Region 3 on the lines of the Regulations set out for the Republics of America to put telegraph ships in this band. There are no regulations for countries to put coast stations on the air and keep continuous watch. The same applies to H.F. bands also. No country guards the high frequencies all the 24 hours, and it is not possible to do so. Perhaps they would prefer to use H.F. at day time and low frequencies at night".

Item I - Recommendations 1 to 7 were approved.

4.3. The remainder of the text of the document was then discussed item by item and certain modifications and corrections were made to it. Certain shortcomings in the French Text were also pointed out.

It was decided to publish a "Corrigendum" to Doc.100 for presentation to the Plenary, in view of the fact that the Drafting Committee would in any case have to redraft the material in these recommendations for incorporating the same in the final Report of the Conference. Doc.100 was adopted subject to the modifications and subject to the French Text being lined up with the English Text.

5. Mr. Minners (U.S. Territories) then brought up a matter for incorporating a supplementary recommendation in Doc. 100 in regard to making adequate provisions in the station list of Region 3 for satisfying requirements of coast stations using Radio Telegraphy within the band 2105 to 2495 kc/s. It was decided to let this matter be discussed first by the Working Group and bring it up to the Committee if necessary later on.

The Meeting adjourned at 12.45 p.m.

B.Y. Nerurkar
Reporter

G. Searle
Chairman

25 July, 1949.

for Region 3
GENEVA, 1949

COMMITTEE 3

Third Report of Working Group 4

to the Chairman of Committee 3

(Operating Regulations)

On July 21, Committee 3 discussed the Second Report of Working Group 4 (Document N° 100-E), and, after amendment, approved it for presentation to the Plenary Assembly.

At that session, Committee 3 referred to Working Group 4 for discussion, and for a report, a proposed recommendation concerning provision of frequency space in the 2 Mc/s band for coast radiotelegraph stations in the Maritime Mobile service.

The Working Group studied the question in the light of new developments and of actions taken at the recent Region 2-FIAR Conference and submits the following recommendation:

Proposed Recommendation

Committee 3

considering

- 1) that the Atlantic City Radio Regulations prescribe in paragraph 151 that provision will be made in the bands 2105 - 2495 in Region 2 for coastal telegraphy in the maritime mobile service by special arrangement;
- 2) that the recent Region 2 Administrative Radio Conference adopted a Recommendation "that the Administrations of I.T.U., Region 2, in compiling and coordinating their frequency lists, make adequate provisions for satisfying the requirements of coast stations using radiotelegraphy within the band 2105 - 2495 kc/s; and
- 3) that it is to the interest of the maritime mobile radiotelegraph service to effect standardisation of frequencies so that the minimum of channels and equipment is necessary to secure service over a wide area,

recommends

that Committee 5, in compiling the station list for Region 3, make provision, as far as possible, for coast telegraph stations in the band 2250 - 2300 kc/s.

The Working Group further recommends that if the above Recommendation is adopted that the Region 1 Conference be informed accordingly.

Chairman.

W. F. MINNERS

25 July 1949.

for Region 3
GENEVA, 1949.

COMMITTEE 3

FOURTH REPORT OF WORKING GROUP 4

to the Chairman of Committee 3

(Operating Regulations)

On 27 June, 1949 (Document 62) Committee 3 referred the question of designation of certain frequencies above 27.5 Mc/s to Working Group 4 for further examination for the elaboration of concrete recommendations.

The Working Group held two meetings on this subject and, taking account of Region 2 Conference decisions, submits the following Recommendation:

INTERNATIONAL STANDARDIZATION OF CERTAIN
CHANNELS IN THE BAND 152 - 162 Mc/s FOR
THE MARITIME MOBILE RADIOTELEPHONE SERVICE

The Region 3 Administrative Radio Conference recognizing:

1. That Section IV of Article 34, Radio Regulations, Atlantic City, 1947, entitled "Maritime Mobile Radiotelephone Service", provides, for the first time, a worldwide frequency for use on a simplex basis in the maritime mobile service for calling, safety, intership, and harbour control purposes, namely the frequency 156.80 Mc/s;
2. that, because, at the time of the Atlantic City Conference, the maritime nations of the world had not yet crystalized their thinking on the use of frequencies in this band for maritime use, it was not possible to reach agreement on the worldwide standardization and use of other specific frequencies in this band for maritime purposes;
3. that informal information obtained by representatives at various European radio conferences after conclusion of the Atlantic City Conference of 1947, however, emphasized the desirability of reaching international agreement on the designation and use of a minimum number of additional frequencies in this band for maritime mobile radiotelephone service at the earliest possible time;
4. that the possibility of the various maritime nations of the three Regions proceeding along divergent lines, and thus making future standardization in this service difficult if not impossible, should be avoided; and
5. that, it appears clearly desirable that Administrations now provide for the use of a minimum number of communication channels in this band for the maritime mobile radiotelephone service.

makes the following recommendations to the Administrations of Region 3:

MARITIME MOBILE RADIOTELEPHONE SERVICE

Frequency Band between 152 and 162 Mc/s

- § 1. In region 3, the use of modulation (3) is
- § 2. The frequency 156,8 Mc/s is designated in paragraph 830 of the Atlantic City Radio Regulations for use on a simplex basis in the maritime mobile service for calling, intership, and harbour control purposes.
- § 3. The frequency 156,3 Mc/s should be designated for use on a simplex basis in the maritime mobile service, primarily for intership working.
- § 4. The frequency 156.6 Mc/s should be designated for use on a simplex basis in the maritime mobile service, primarily for ship-shore working.
- § 5. (1) The frequencies 157,4 Mc/s and 161,9 Mc/s should be designated for use on a duplex basis in the maritime mobile service for ship-shore working.
- (2) Ship stations should transmit on the frequency 157.4 Mc/s and receive on the frequency 161,9 Mc/s.
- (3) Coast stations should transmit on the frequency 161.9 Mc/s and receive on 157,4 Mc/s.
- (4) This pair of frequencies (157.4 and 161.9 Mc/s) should be reserved primarily for use when the coast station transmitting on the frequency 161,9 Mc/s is open to the international service of public correspondence and connects with land-line telephone facilities.

On the assumption that favourable action is taken by the Conference with respect to the foregoing, it is recommended that Committee 5 be requested to take account of the foregoing and that the following statement be inserted in the Region 3 Table of Frequency Allocations:

148 - 170 Mc/s

"The following frequencies in the band 152 - 162 Mc/s are recommended for use for communications in the Maritime Mobile service (simplex telephony):

- a) 156.3 Mc/s, principally for intership communications;
- b) 156,6 Mc/s, principally for communications between ships and coast stations;
- c) 156,8 Mc/s, for safety, calling, intership and harbour control communications (AC 830)
- d) 157,4 Mc/s, (ship transmitting) and 161,9 Mc/s, (coast station transmitting) for ship-shore duplex operation when the coast station is open to public correspondence and connects with landline telephone facilities."

The Working Group further recommends that if the above Recommendation is adopted that the Region 1 Conference be informed accordingly.

This fourth report completes the work thus far assigned to Working Group 4.

The Chairman here thanks the members for their patience, cooperation, and labours in the work of the Group.

W.F. Minners,

Chairman.

COMMITTEE 4

Draft Final Report

Index

1. Terms of Reference.
2. Structure of the Committee.
3. Meetings.
4. Procedure adopted by the Committee.
5. Closing Date for filing Requirements.
6. Date for Projected Circuits.
7. Basic List of Requirements.
8. Original forms of Requirements.
9. Requirements of KOREA.
10. Requirements to be passed to the P.F.B.
11. Shared bands.
12. Out-of-bands Requirements.
13. Requirements received after the due date.
14. Conclusion.

1. Terms of Reference

The following terms of reference were given to the Requirements Committee (Committee 4) by the Conference.

- 1.1. This Committee will examine the basic list prepared by the Preparatory Committee. It will also examine the additional requirements and any alterations received from Administrations after the due date set by the P.C., and prepare a final list of requirements for use by Committee 5.
- 1.2. This Committee will be responsible to prepare or have prepared any additional types of lists of requirements, such as lists by distance, power or service etc., as required by the Conference.
- 1.3. This Committee will make recommendations to the Conference regarding the method of disposing of requirements received after any date that the Conference may set for the receipt of requirements.
- 1.4. This Committee will be responsible to examine the recommendations made by the Preparatory Committee in part V, para. 4, regarding the method to be adopted for developing the final plan of assignments. Subject to such decisions as the Conference may take on this, this Committee will be responsible to implement the recommendations and ensure that the requirements of the various services are in their appropriate Bands, according to the Atlantic City Allocation tables.

2. Structure of the Committee

- 2.1. Mr. M.N. Mirza (Pakistan) was unanimously elected Chairman of the Committee.
- 2.2. Mr. V. Sundaram (India) and Mr. Edgar L. Margolf (U.S.A. Territories) were unanimously elected Vice-Chairmen of the Committee.
- 2.3. Lt. Col. J.N. Shahani (India) was appointed reporter and served the Committee throughout its session.

2.4. Working Groups.

The following working groups were constituted:-

2.4.1. Working Group 1: (General Requirements)

Chairmen: Mr. V. Sundaram (India) and Mr. Edgar L. Margolf (U.S.A. Territ.)

This working group was charged with the compilation of all frequency requirements, except those for broadcasting.

2.4.2. Working Group 2: (Broadcasting)

Chairman: Mr. Marden G. Cooke (U.S.A.).

This working group was charged with the compilation of frequency requirement lists for broadcasting.

2.4.3. Working Group 3: (IBM Lists)

Chairman: Mr. J.M. Dobbyn (Australia).

This Working Group was entrusted with the task of liaising with the IBM and preparing any new categories of lists which might be required by Committee 3 and other Committees.

2.4.4. Working Group 4: (For Requirements of Countries not directly represented).

Chairman: Mr. Edgar L. Margolf (U.S.A. Territories)

This Working Group was charged with the task of examining all the requirements of countries not directly represented at the Conference.

3. Meetings

The Committee held seven meetings in all, apart from the meetings of the various Working Groups.

4. Procedure adopted by the Committee

4.1. The Committee decided to examine part III of the Final Report of the Preparatory Committee and take appropriate action on the points raised therein.

4.2. The Committee decided to recommend to the Conference to fix a final date for the filing of additional requirements or alterations to the list prepared by the P.C., and prepare a basic list of requirements as mentioned later in para. 7.1.

4.3. After the preparation of the basic list, the Committee decided to consider production of different types of lists depending on the requests received from the other Committees.

4.4. The Committee decided to deal later with items 1.3. and 1.4. of terms of reference.

5. Closing date for the filing of Requirements

5.1. The Committee recommended to the Conference that countries actually represented at the Conference should submit their requirements by 7th June 1949 and those not represented should submit them by 21 June 1949.

5.2. These dates were approved by the Conference.

5.3. As an exceptional case however, the Conference, in its fourth Plenary Session allowed the following requirements, to be filed after the fixed date:-

(i) U.K. Colonies

- a) for Fiji - 3 medium wave frequencies with powers 3 kW, 20 kW, and 7 high frequencies with powers 20 kW and 0.1 kW.
- b) for Ceylon-1 medium wave frequency with power 100 kW.

(ii) French Overseas Territories

- a) for the Antarctic - 4 frequencies with powers of 400 W.

6. Date for Projected Circuits

The Committee decided to recommend to the Conference to ratify the date of 1 Sept. 1949 set by the P.C. as the date up to which projected circuits should be considered.

7. Basic List of Requirements

7.1. The Committee decided that the following elements should go to form the Basic List of Requirements to be dealt with by the Conference:-

7.1.1. The final list prepared by the P.C. by the IBM process.

7.1.2. Any requirements filed by Administrations after the date set by the P.C. and the opening of the Conference.

7.1.3. Additions and alterations filed with the Conference by 7th June 1949 by countries directly represented and 21 June 49 by countries not directly represented.

7.1.4. Requirements in Regional Bands now filed with the P.F.B. for being dealt with according to Section 16 of the Directives to the P.F.B.

7.1.5. Requirements coming to the Regional Conference from:-

- a) Circuit Planning Group of the P.F.B.
- b) Aeronautical Conference, I.C.A.O, or Administrations, for the Aeronautical Mobile Services in the General Mobile Bands under 3900 kc/s.
- c) Maritime Group of the P.F.B.
- d) H.F. Broadcasting Conference

7.2. The Committee decided that all the requirements under all the items mentioned in para 7.1 above should be examined and incorporated in the IBM list (prepared by the P.C.) by the Delegates if present or by Working Group 4 for countries not directly represented. It was decided that in view of the cost and time involved, all the corrections etc. would be done in manuscript and no further revised list be printed through the IBM.

7.3. The Committee decided that all the requirements of all services of each country should be filed separately in a folder; that each folder should show on it the total number of pages in it and that each page should be

numbered indicating its own number and the total number of pages for the country. These being the legal basic documents of the Conference it was decided that these folders should be available always with the Secretary of the Conference.

7.4. The Basic List of Requirements was ready by 15 July 1949.

8. Original forms of requirements

The Committee decided that the original forms 1 and 2 filed by the countries should be in the custody of the Secretary of the Conference as conference documents.

9. Requirements of Korea

9.1 The Committee noted that two sets of requirements for the Korean Peninsula have been received by the Conference; one from the Republic of Korea and the other from the Popular Democratic Republic of Korea. Since there were two lists for the same area the Committee referred the question to the Plenary Assembly.

9.2 In pursuance of the decision of the Conference, the list of requirements received from the Popular Democratic Republic of Korea has not been included in the Basic List of Requirements.

10. Requirements to be passed to the P.F.B.

The Committee decided to recommend to the Plenary to pursue with the P.F.B. the question of its dealing with the frequency requirements above 3900 kc/s to be passed to it by the Regional Conference.

11. Shared Bands

The Committee was of the opinion that the question of sub-dividing the shared bands cannot be dealt with satisfactorily until the total demands of all the services sharing the bands are known. The Committee therefore decided to recommend to the Plenary Assembly that this sub-division should be dealt with in Com. 5.

12. Out-of-Band Requirements

The Committee recognised that although the P.C. had recommended a procedure for shifting the out-of-band requirements, various factors like equipment limitation, the cost and time involved etc. should be taken into consideration before it can be decided if a particular requirement now working out of band should be moved to a higher or lower band.

The Committee felt that these were factors on which only the Delegates concerned would be in a position to decide and so they are the persons most competent to help in doing this work. As Committee 5 would have to do the work of clearing the bands before detailed assignments are taken up, the Committee recommended to the Plenary Assembly that this work be done in Committee 5.

13. Requirements received after the fixed date

The Committee has not received up to now, any requirements from any country, after the fixed date set by the Conference. If any are received by the Conference hereafter the General Secretariat would take any action that may be appropriate.

14. Conclusion

As all the Requirements have been transferred to cards for use in Committee 5, it is considered that no more copies of the Basic List of Requirements need be prepared and no other form of list is necessary.

15. Finally, I wish to place on record my deep appreciation of the help given to me by Messrs. Sundaram, Margolf, Cooke, Dobbryn and Lt. Col. Shahani and thank all members of the Group for their cooperation.

Chairman:

M.N. Mirza.

SCHEDULE OF MEETINGS
for the period 1 to 6 August 1949.

Every day, from 09.00 to 12.30 and from 14.00 to 19.00 hours
(except on Saturday afternoon)

Working Groups

Wednesday, 3 August

12.00 hours	Committee 1
21.00 "	Plenary Meeting

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE, 1949

Région 3 - Document N° 118-F
27 juillet 1949

HORAIRE DES SEANCES
du 1er au 6 août 1949.

Tous les jours, de 9 heures à 12h.30 et de 14.00 à 19.00 heures
(sauf le samedi après-midi)

Groupes de travail

Mercredi 3 août

12.00 h.	Commission 1
21.00 h.	Séance plénière

29 July, 1949

for Region 3
GENEVA, 1949

COMMITTEE I

Steering Committee

Report of the 13th Meeting

27 July 1949

Rao. The Meeting was opened at 12.15 hours by the Chairman, Mr.S.S.Moorthy

1. Item 1 of the Agenda: Approval of the Report of the 12th Meeting
(Document N° 113)

1.1. The report of the 12th Meeting was approved with the following amendment

Add to paragraph 4.2. of Document N°113, the following sentence:

"It was decided that the Secretary be requested to keep the Afghanistan Embassy advised of subsequent developments".

2. Item 2 of the Agenda: Drafting of a Schedule of Meetings

2.1. After a short discussion a schedule of Meetings for the period August 1st to August 6th was drawn up and is given in Document N° 118.

3. Item 3 of the Agenda: Any other business.

3.1. Mr. Verboeket (Indonesia) stated that, in his opinion, it would be impossible for Committee 5 to arrive at a solution with the existing methods of working. He considered that very drastic measures were necessary in order to resolve the problem. He suggested forming a small working group to consider the whole of the Tropical Broadcasting band.

3.2. Mr. Searle (New Zealand) agreed with Mr. Verboeket that strong measures would have to be taken in order to resolve the problem. He concurred in the suggestion that a small working group be formed and offered to serve, as a disinterested party, on this working group. He also felt that narrowing of channel separations might be studied more intensively. He considered, however, that the question should be reconsidered by Committee 5.

3.3. The Chairman considered that any final solution would ultimately depend upon the spirit of give and take among the delegates. A complete picture of the situation should be presented to all the delegations, giving

the protection ratio to be expected. Since this protection ratio might be as low as zero, the necessity for a compromise solution would be brought forcefully to the attention of each delegation. He felt, however, that although the picture looked bad, a solution was possible.

3.4. In reply to a question from Mr. Chung (China), the Chairman affirmed that within the Tropical zone there was a definite priority for Tropical Broadcasting, while outside that zone it was on a reciprocal basis.

The Chairman closed the Meeting at 12.38 hours.

Rapporteur:

G.A. Coddington.

Secretary:

K. Dobbie.

Chairman:

S.S. Moorthy Rao.



**Administrative Radio Conference for Region 3
(Geneva, 1949)**

Document No. 120

Note: The following corrigendum and corrections were issued in relation to this document:

- Document No. 141 – Corrections to Document No. 120
- Document No. 187 – Corrigendum to Document No. 120

for Region 3
GENEVA, 1949

MINUTES OF THE FIFTH PLENARY ASSEMBLY

held on Thursday, July 7th
and Friday, July 15th.

The Meeting was opened at 0935 hrs. on July 7th by the Chairman, Mr. S.S. Moorthy Rao.

The following countries and organisations were represented:
Australia, China, French Overseas Territories, India, Indonesia, New Zealand, Pakistan, Philippines, United Kingdom Colonies, United States Territories, Republic of Korea, I.F.R.B.

Item 1 of the Agenda : (Reg. 3 Doc. No 84) Second Report of Committee 3 (Document No 80).

- 1.1 Mr. Searle, (New Zealand) Chairman of Committee 3, introducing Document No 80, said that this document formed a complement to Document No 49 (the first Report). It was a recapitulation in summary form of the work done by Committee 3, and both Reports would be followed by a final consolidated report dealing with the work of the Committee in some detail. He asked that Document 80 be approved by the Assembly merely as an indication of the progress of the work, and subject to approval of its contents when they appeared in the final report. Various amendments to Conference documents had been taken into account by the Committee in drafting its recommendations.
- 1.2 The Chairman then proposed that the Plenary Assembly take note of Committee 3's work as recorded in Document 80, so that other Committees might use it as a guide, and it was so agreed.
- 1.3 Mr. Searle (New Zealand) introduced the first consolidated report of Committee 3 (Reg. 3 Doc. 89). This document was the result of thirteen meetings of the Committee and it represented some seven weeks work. The Committee had set up four Working Groups, as indicated in No 2.3 of Reg. 3 Doc. 89, and the report covered the work done by three of these Groups. Most issues raised in the Committee had been settled unanimously. He drew attention to the various recommendations in Doc. 89 from Committee 3 to Committee 5 (Nos 16.2, 4, 5 and 6) and to Committee 4)No 16.3)

He then formally moved that the technical principles set out in Document 89 be adopted as a guide for the further work of the Conference, and that the specific recommendations in Nos. 16.2 to 16.6 inclusive of Document 89 be referred to the appropriate Committees.
- 1.4 The above motion was seconded by Mr. Verboeket (Indonesia).

1.5 Mr. Minners (US Territories) queried the term "standard frequency broadcasts" used in No 16.1 of the document. He thought that the terminology used should conform with CCIR and Atlantic City Conference recommendations. It was agreed that this matter could be dealt with in the Drafting Committee, and Mr. McDonald (Australia) suggested that the Drafting Committee use the definition of a station working on a standard frequency given in the Atlantic City Regulations.

1.6 Mr. Sundaram, supported by Mr. Verboeket and the Chairman, congratulated Mr. Searle on the excellence of the work he had carried out. Mr. Searle expressed his thanks and also pointed out that thanks were equally due to the conveners of the Committee 3 Working Groups, viz. Mr. Venkataraman, Mr. Verboeket, Mr. Jayasekara, Mr. McDonald, Mr. Minners and others. The contributions made by those Delegates had been invaluable.

Item 2 of the Agenda : Verbal Report of Chairman of Committee 4.

2.1 The Chairman of Committee 4, Mr. Mirza (Pakistan) stated that he had received cards from the PFB, and that the work of incorporating these in the basic list was almost finished. He was awaiting further information from Committee 5 as to the form in which it wished to have lists supplied to it.

2.2 The date September 1 1949 had been adopted by the Preparatory Committee as the date up to which projected circuits would be considered by the Conference. He requested that this date be approved by the Plenary Assembly. This date was approved.

2.3 Two sets of requirements had been received in respect of the peninsula of Korea, one from the Popular Democratic Republic of Korea, and the other from the Republic of Korea, henceforth referred to in the Minutes as "the Republic", "the Republic of Korea" or "the Democratic Republic". He pointed out that the requirements submitted by the Popular Democratic Republic of Korea had been submitted before the date fixed by the Conference for submission of requirements, and that this might be deemed to entitle them to consideration. The question, however, had been raised as to whether the requirements of the Republic of Korea had a better claim to consideration, since this Republic had been recognised by the United Nations, whereas the Popular Democratic Republic had not been so recognised. The question as to how the list submitted by the Popular Democratic Republic of Korea should be handled had been referred to the Plenary Assembly by Committee 4 as it might involve considerations outside the competence of that Committee. The Popular Democratic Republic's list covered the whole of Korea, while the list submitted by the Republic of Korea covered only Southern Korea. He suggested that the Republic's list be taken into account for that part of the territory to which it referred, and that for the remainder of the territory, the requirements submitted by the Popular Democratic Republic's list be used.

2.3.1 Mr. Lalung-Bonnaire (French Overseas Territories), Chairman of Committee 5, replying to Mr. Mirza's enquiry (2.1) said that Committee 5 required only one legible list of frequency requirements to be classed by service and by country.

A short discussion then ensued on the question of the number of copies of requirements desired by the various Committees, and it was finally agreed that the matter was one for Committee 5 itself. Mr. Mirza (Pakistan) Chairman of Committee 4, confirmed that the opinion in his Committee had been that this question should be considered by the Plenary Assembly only in the event of Committee 5 being unable to settle it.

2.4

Mr. Sundaram (India) as Chairman of the Working Group which had first examined Korean requirements, wished to emphasise that, as could be seen in Document No 79, the Group had not been concerned in any way with the legal aspects of the question. As shown in Nos 4.1 to 4.6 of that Document, the Group had been unable to resolve the problem. He drew a parallel with the problem of Spanish requirements as dealt with in the Provisional Frequency Board.

2.4.1

Mr. Plakias (US Territories) wished to draw the attention of the Assembly to the results of a research he had made into the status of Korea in relation to the United Nations. He referred to the following documents:

1. Resolution 195 (III) passed by the 3rd Session of the General Assembly of the United Nations on December 12, 1948, which read, in part, as follows:

"Mindful of the fact that, due to difficulties referred to in the report of the Temporary Commission, the objectives set forth in the resolution of 14 November 1947 have not been fully accomplished, and in particular that unification of Korea has not yet been achieved,

1. Approves the conclusions of the reports of the Temporary Commission;

2. Declares that there has been established a lawful government (the Government of the Republic of Korea) having effective control and jurisdiction over that part of Korea where the Temporary Commission was able to observe and consult and in which the great majority of the people of all Korea reside; that this Government is based on elections which were a valid expression of the free will of the electorate of that part of Korea and which were observed by the Temporary Commission; and that this is the only such Government in Korea."

2. The Constitution of the Democratic Republic of Korea, Article 4 of which read:

"The territory of Korea shall consist of the Korean Peninsula and its accessory islands." The Democratic Republic's territory, in other words, covered the whole of Korea.

3. A report from the Temporary Commission to the United Nations (Doc. A/830, 11th April 1949 of the U.N. General Assembly). The Commission, which had continued its work for the unification of Korea, had unanimously decide against entering into relations with Northern Korea.

4. A letter from the Chairman of the Temporary Liaison Committee of the National Assembly of Korea to the Chairman of the Temporary Commission, part of which read as follows:

".....We hold open some one hundred seats for our brethren in North Korea who have been unable to hold elections."

It was clear from the above, said Mr. Plakias (US Territories) that the United Nations considered that there was only one lawful government in Korea, and almost all governments represented at the Conference were members of the United Nations. To give official recognition of any

kind to any other government would be unlawful, and he therefore suggested that no regard be paid to the list of requirements submitted by the Popular Democratic Republic of Korea.

2.4.2

The position, then, as resumed by the Chairman, was that the Republic of Korea had authority over only a part of the Korean peninsula, and a United Nations Temporary Commission had been set up within that part of Korea at present controlled by the Republic. Mr. Plakias (US Territories) confirmed that the UN Temporary Commission was established in Southern Korea, (the Republic's territory) but was at present unable to extend its operations into the northern part of the territory, since the power in control of that part would not admit it.

2.4.3

Mr. Sundaram (India) pointed to the difficulties involved in identifying stations in the two lists. It would require considerable local geographical knowledge to determine whether a station in one list was identical with a station in the other.

2.4.4.

Mr. Searle (New Zealand) agreed with Mr. Plakias' viewpoint. If official cognisance were taken of the requirements submitted by the Popular Democratic Republic, this would be tantamount to admitting the right of the government of North Korea to determine such requirements and to submit them to a Specialised Agency of the United Nations, i.e. it would imply acceptance of the legality of this government, which would be in contradiction of the United Nations resolutions quoted by Mr. Plakias. He considered it unfortunate that such a question had to be considered by the Conference, and that it was equally unfortunate that Observers from Korea should have to attend the Meeting and listen to discussion as to the legal competence of their government, recognised, as it was, by the United Nations.

2.4.5

Mr. Sundaram (India) agreed with the sentiments expressed by Mr. Searle. The crux of the problem lay in the fact that for part of the territory there was no information available except that submitted by a government which was said to be not recognised by the United Nations. He again cited the parallel of Spain, which was also unrecognised by the United Nations.

2.4.6

Mr. Mirza (Pakistan) wished to ask Mr. Plakias whether, in UN procedure, there was any provision for the vetoing of decisions. In regard to Spain he pointed out that, although its present government was not recognised by the United Nations, the Provisional Frequency Board had taken its requirements into account. The position in the ITU was that de facto governments had to be recognised, and it was not for the Union, in matters of frequency allocation, to concern itself with theoretical or idealistic legal concepts. He pointed out that there was no provision in the "Agreement between the United Nations and the International Telecommunication Union" whereby the Union would recognise only those territories recognised by the United Nations, and there was nothing to prevent the Union from taking account of the list submitted by the Popular Democratic Republic.

Mr. Plakias (US Territories) replying to Mr. Mirza's first point, said that the veto right, as far as he was aware, applied only in the United Nations Security Council.

- 2.4.7 The Chairman referred to Article 1 of the "Agreement between the United Nations and the International Telecommunication Union". It was clear from the terms of this Article that the Union was not bound to follow the United Nations and its resolutions, and that its actions had to be dictated by its objects in view. Spanish requirements had been taken into account by the Provisional Frequency Board in the interests of the world organisation of telecommunications, and this in no way implied the recognition of the legality of the government concerned.
- 2.4.8 Mr. Dobbyn (Australia) disagreed with Mr. Sundaram's statement that the cases of Spain and Korea were identical. The requirements of Spain had been sought by Committee 3 of the Provisional Frequency Board in a purely unofficial manner, and Mr. Benoliel, of Portugal, had been asked, and had agreed, to collect a list of Spanish requirements. In the case of Korea, however, two lists actually existed, one of them submitted by the legal government, and the other by an authority which had no legal existence. He advocated that the list which had been submitted for the Northern part of the territory be sent to the government in the South with a request for its comments thereon. The only point of resemblance between the cases of Spain and Korea was the technical necessity, in both instances, to cover all requirements of the area concerned. Mr. Plakias had shown that the government of the South was legally responsible for the whole of the territory, and the Conference should therefore negotiate with that government.
- 2.4.9 Mr. Sundaram (India) said, in reply to Mr. Dobbyn, that if the government recognised by the United Nations had submitted a complete list, no problem would have arisen. He disagreed with Mr. Dobbyn's opinion that there was no resemblance between the cases of Spain and Korea.
- 2.4.10 The Chairman drew attention to Notification 577 from the Secretary General of the Union, in which the receipt of requirements from the government of the Popular Democratic Republic was announced. He pointed out that this notification did not mean recognition of the government, but only that the list had been received by the General Secretariat of the Union.
- 2.4.11 Mr. Plakias (US Territories) pointed out that the Conference had to draw up a frequency list which would remain in effect for some years. In view of this fact, and since the Conference knew that efforts were being made by the United Nations to bring the whole of Korea under the jurisdiction of the Republic, it would not be realistic to take into account requirements which were, in fact, only speculative. Moreover, any new requirements which might arise in the future could be considered through the machinery already set up within the Union, namely, the International Frequency Registration Board. He also considered that, if any account were taken of some requirements submitted by the Popular Democratic Republic, the Conference might be compelled to take account of all these requirements. The question again arose - which was the legal government of Korea? The United Nations had pronounced that the legal government was that of the Republic of Korea.

Referring to Mr. Sundaram's statements, he pointed out that the Spanish government was recognised internationally, whereas the Popular Democratic Republic of Korea was not. It had been recognised at Atlantic City that a certain type of government did exist in Spain; the question there was one of re-entry of Spain to the Union.

2.4.12

Mr. Lalung-Bonnaire (French Overseas Territories) said that the requirements of Spain had been submitted on Forms 1 and 2, and to this extent Spain had shown that she respected the Atlantic City decisions, and that she intended to continue to respect them. However, the frequency requirements of the Republic of Korea had been received merely in the form of a request for inclusion in the list published by the Berne Bureau.

2.4.13

Mr. Creighton (UK Colonies) said that his Delegation fully supported the viewpoint of the US Territories Delegation. The Republic of Korea had, it appeared, been recognised by the United Nations as responsible for the whole of Korea.

The requirements submitted by the Popular Democratic Republic were not acknowledged to be valid by the Republic of Korea, and they would bear no relation to the ultimate list. No account should, for that reason, be taken of them. He suggested that the Observers from Korea be asked to indicate which of the requirements submitted by the Popular Democratic Republic they considered basic for that part of the territory not covered in the requirements submitted by the Republic.

2.4.14

Mr. Mirza (Pakistan) agreed with Mr. Sundaram's viewpoint that the cases of Spain and Korea were similar. The action of the Provisional Frequency Board in obtaining the requirements of Spain supported this contention, since, in that case, the requirements of a country not recognised by the United Nations had been sought. The Conference should, he repeated, concern itself, not with legality or otherwise of governments, but only with the production of a realistic list containing stations which were actually in existence.

He thought that the Observers from Korea could examine the list submitted by the Popular Democratic Republic and specify which of these requirements the Republic of Korea would sponsor. This would provide an authoritative basis on which to act, and would also enable the requirements of both North and South Korea to be taken into account.

2.4.15

Mr. Plakias (US Territories) proposed the following resolution:

"In view of the decision of the United Nations contained in Resolution 195 (III) of the Third General Assembly, namely, that the Government of the Republic of Korea is the only lawful government in Korea, the Administrative Radio Conference for Region 3 decides to accept only those requirements submitted by the Republic of Korea for the purpose of establishing a final frequency assignment plan for Region 3."

2.4.16

The above resolution was seconded by Mr. Alvendia (Philippines).

2.4.17

Mr. Mirza (Pakistan) read out another motion, for information only, as follows:

"The Region 3 Conference, after hearing the various viewpoints expressed, decides that the lists of requirements received from the Republic of Korea and the Popular Democratic Republic of Korea shall be unified into one list, for the whole of Korea, by the Observer from Korea present at the Conference. "

He explained that he objected to Mr. Plakias' proposed resolution because it would leave that part of Korea at present under the Popular Democratic Republic unprovided for. By avoiding legal technicalities and by consolidating the two lists, the whole territory would be covered, and the Republic of Korea would also be recognised, indirectly, as the legal representative.

Mr. Sundaram (India) supported Mr. Mirza's proposed resolution. He sympathised, however, with Mr. Plakias' viewpoint that legal recognition should not be accorded by this conference to a government not recognised by the United Nations. He suggested that the two motions be combined, with a view to obtaining unanimity.

2.4.18 Mr. Searle (New Zealand) said that Mr. Mirza's motion would not be acceptable to his Delegation, since it gave a directive to the Observers from Korea. This, he thought, was out of order. Mr. Plakias' motion was the sounder of the two, since the Conference could not neglect legal considerations. This latter motion did not exclude the possibility of the Republic of Korea submitting requirements for the whole of the Peninsula. The Conference had already accepted requirements submitted after the due date, and the Observers from Korea might, perhaps, wish to submit further requirements, in view of the discussions at the Meeting. Such requirements would have to be considered, since the Conference had delayed discussion of the issue for some time; the requirements had to be submitted, however, by the legally recognised government.

2.4.19 Mr. Lalung-Bonnaire (French Overseas Territories) agreed with Mr. Searle's viewpoint, and supported Mr. Plakias' resolution with one reservation, namely, that the Korean Observers be given some time in which to complete their requirements so that they would cover the whole of Korean territory.

2.4.20 Mr. Mirza (Pakistan) objected to Mr. Plakias' motion, since it would, he considered, be tantamount to a decision to abide by United Nations resolutions, whereas the Agreement between the ITU and the UN contained no provision binding the Union to do so. It would, moreover, be unwise for the Conference to pronounce on the legality or otherwise of a government. Such a decision could be taken only by the inhabitants of the country concerned.

2.4.21 Mr. Sundaram (India) agreed with Mr. Mirza that no resolution of the United Nations was binding on the ITU or on the Region 3 Conference. The Korean Observers could examine both lists and decide which requirements they wished to retain and which they wished to reject. The decision had to be left to the Observers. He suggested that the Conference could merely issue an executive order to Committee 4 or Committee 3 for the unification of the two lists which, as pointed out by Mr. Mirza, would be in accordance with the desire of the United Nations to unify the whole territory. Mr. Sundaram also thought that this would involve no question of extension of the closing date for receipt of requirements, since both lists had, in fact, been received before the date set.

2.4.22 Mr. Searle (New Zealand) considered that, whatever the date of receipt, the list received from the Popular Democratic Republic could not be taken into account.

- 2.4.23 Mr. Plakias (US Territories) said that the purpose of his motion was to give the government of the Republic of Korea freedom to compile its list of requirements as it saw fit. In regard to Mr. Mirza's statement regarding Spain, he referred to Additional Protocol III of the Atlantic City Convention concerning the accession of Spain to the Atlantic City Convention viz. "....., when the Resolution of the General Assembly of the United Nations dated December 12, 1946, shall be abrogated or cease to be applicable". The situation in regard to Spain was, then, linked directly with the terms of the United Nations Resolution, and there was nothing illegal in the suggestion that the Conference should follow the actions of the United Nations.
- 2.4.24 Mr. Sundaram (India) repeated that both lists had been received before the final date set, and that there could be no question of extending this date limit. The solution he had suggested would, he thought, adequately meet the objections raised by Mr. Searle.
- 2.4.25 Mr. Plakias (US Territories), in reply to the Chairman's suggestion that his (Mr. Plakias') motion be amended to provide for the consideration of the Popular Democratic Republic's list, requested that his motion be considered in its original form.
- 2.4.26 Mr. Lalung-Bonnaire (French Overseas Territories) then suggested the following proposal, to follow on that of Mr. Plakias:
- "Taking into account the resolution it has just adopted on the subject of the requirements of Korea, the Plenary Assembly further decides to grant an extension of the time limit until July 22, 1949 to the Observers of the Republic of Korea, in order that they may submit their final list of requirements."
- 2.4.27 Mr. Sundaram (India), on a point of order, said that, since Mr. Plakias' motion implied a decision by the Conference on the legality of the Government of a country, it could not be discussed by the Plenary Assembly.
- 2.4.28 Mr. Mirza (Pakistan) supported Mr. Sundaram's viewpoint. The Conference should be concerned only with the authority controlling wireless services in a country. The Republic of Korea could not be asked to draw up a complete list of requirements for an area for which it had not already submitted requirements, and over which it did not have effective control. Mr. Lalung-Bonnaire's resolution was, therefore, out of order.
- 2.4.29 Mr. Lalung-Bonnaire (French Overseas Territories) pointed out that his proposal was for the drawing up of one single list, and, since this was the same as Mr. Mirza's proposal, he could not understand the objections raised by the latter.
- Mr. Mirza (Pakistan) replied that his proposal had been made with the object of avoiding legal difficulties and obtaining a practical solution to the problem, even if this meant indirect recognition of the government concerned. Mr. Lalung-Bonnaire on the other hand, had suggested in his motion that one of the governments take the responsibility for the allocation of frequencies to the whole of the territory, although this government had no control over part of the territory involved.

- 2.4.30 Mr. Plakias (US Territories) said, in reply to Mr. Sundaram (No 2.4.27), that the first part of his motion was merely a statement of fact, namely, a decision taken by the United Nations. The underlying motive of his motion was that one single body should submit requirements for Korea. The second list, that of the Popular Democratic Republic, to which Mr. Mirza and Mr. Sundaram had referred, had no official standing with the Conference. He maintained, therefore, that his motion was in order.
- In seeking solutions to problems raised in international bodies, the firmest possible basis for decisions had to be found. The organisation which was most competent in such international problems, and to which most governments represented at the Conference belonged, was the United Nations, and the decisions of that body should be accepted.
- 2.4.31 Mr. Searle (New Zealand), in regard to the point of order (2.4.27) raised on Mr. Plakias' resolution, maintained that this resolution did not profess to determine sovereignty or otherwise of a government. It merely indicated that the Conference's decision had to be taken in the light of a particular decision already taken by a higher authority. If this point of order were sustained, Mr. Plakias' motion would have to be struck out, and to do so would mean that the Conference was ignoring United Nations' decisions.
- 2.4.32 Mr. Mirza (Pakistan) did not agree with Mr. Searle that the United Nations was necessarily an authority higher than the ITU, and he did not consider that the ITU was obliged to follow UN decisions. If Mr. Plakias' resolution were adopted, the ITU, which had been careful to retain its autonomy, would become involved in litigation. Pakistan, which desired only that the most realistic possible list be drawn up could not associate itself with any decision to disregard the requirements submitted by the Popular Democratic Republic of Korea. To regard the Republic of Korea as responsible in matters of frequency allocation, for the whole of Korean territory, would be unrealistic and would involve waste of frequencies. If, later on, the Republic required additional frequencies, its requests could then be considered.
- 2.4.33 Mr. Searle (New Zealand), replying to Mr. Mirza, said that he did not maintain that the ITU should be governed at all times by the United Nations. The Conference should not, it was true, concern itself with legalities, but it should take cognisance of legalities as determined elsewhere and deal with requirements accordingly. He agreed with Mr. Mirza that all requirements had to be taken into account, but to do so legally the motion proposed by Mr. Lalung-Bonnaire would have to be adopted, and New Zealand would support that motion. If requirements existed, they had to be taken into account.
- 2.4.34 The Chairman, summing up, pointed to the two shades of opinion held. On the one hand, it was felt that UN decisions should be respected, and, on the other, the desire for realism had been stressed. He asked whether a compromise might be reached by including these two points of view in the "considerings" of a resolution.
- 2.4.35 Mr. Mirza (Pakistan) said that he was prepared to withdraw his motion if no support for it were forthcoming. He reaffirmed that the Conference could not take account of requirements submitted by a government which even the United Nations itself did not regard as in full control of the entire territory.

- 2.4.36 Mr. Plakias (US Territories) replying to Mr. Mirza, pointed out that, although the Republic of Korea's requirements did not cover the whole territory, it would be equally true to say that the list from the Popular Democratic Republic contained requirements for an area over which it had no control. However, he offered to amend his original motion as follows: the first part to read "Considering Resolution 195 (III) of the Third General Assembly of the United Nations, the Administrative Radio Conference for Region 3 decides to accept....." and the remainder of the original text to stand.
- 2.4.37 Mr. Lalung-Bonnaire (French Overseas Territories) supported the above amendment, but also proposed the addition of a new "considering" to the resolution, as follows:
- "Considering the existence of two different lists of requirements for Korea submitted to the Administrative Radio Conference for Region 3...."
- This addition would, he thought, show clearly why the Conference had been compelled to refer to a United Nations decision.
- 2.4.38 In response to a query from Mr. Plakias (US Territories) as to whether the Popular Democratic Republic's list had ever been actually submitted to the Conference, the Chairman pointed out that Mr. Lalung-Bonnaire's suggested "considering" referred merely to the existence of two lists, and mentioned no government.
- 2.4.39 Mr. Sundaram (India) then withdrew his point of order (2.4.27) in view of the amendment proposed by Mr. Plakias. Since adoption of Mr. Plakias' resolution would mean that one part of the area covered by the Region would be ignored for purposes of frequency allotment, and since harmful interference would, therefore, probably result, India and Burma would abstain from voting on this resolution.
- 2.4.40 Mr. Searle (New Zealand) said, regarding Mr. Lalung-Bonnaire's proposed amendment (N° 2.4.37), that there might have been only one list submitted, in which case the original text of Mr. Plakias' resolution might have been entirely appropriate. The New Zealand Delegation did not consider, therefore, that Mr. Lalung-Bonnaire's amendment necessarily gave the reasons for the resolution.
- 2.4.41 Capt. Siddiqi (Pakistan) said that, if a vote were taken on Mr. Plakias' resolution as amended, Pakistan would abstain.
- 2.4.42 Mr. Plakias (US Territories) then suggested that his resolution as amended (see N° 2.4.36) be considered without Mr. Lalung-Bonnaire's amendment.
- 2.4.43 Mr. Dobbyn (Australia) said that he appreciated Mr. Sundaram's desire to see a realistic attitude adopted. However, to consider several different lists for the same country would be carrying realism too far. The Australian Delegation considered, therefore, that the best solution would consist in recognising that, according to the United Nations, there was one lawful government - that of the Republic of Korea - and in scrutinizing the other list submitted by the Popular Democratic Republic.

2.4.44 Mr. Sundaram (India) said that the desire to show respect to the United Nations had to be reconciled with the desire to produce a realistic list. He pointed out that Committee 4 had asked a simple question, viz. how was the list of requirements submitted by the Popular Democratic Republic of Korea to be handled. He suggested that the Plenary Assembly give a simple executive directive to Committee 4, instructing it to use the list of requirements from the Republic of Korea for the territory covered by it and to use any available information for that part of the territory not covered by the said list; in this case it was the list received from the Popular Democratic Republic of Korea.

2.4.45 Mr. Dobbryn (Australia) said that the Australian Delegation, although supporting Mr. Plakias' motion, considered it desirable, in the interests of a realistic plan, to scrutinize all available information. He suggested an addition to Mr. Plakias' resolution, as an attempt at a compromise between the various conflicting viewpoints: the resolution would then read as follows:

"Considering Resolution 195 (III) of the Third Session of the General Assembly of the United Nations, the Administrative Radio Conference for Region 3 decides to accept for Korea only those requirements submitted by the Republic of Korea for the purpose of establishing the final frequency assignment plan for Region 3.

"However, in the preparation of the final list, all the information available to the Region 3 Conference will be closely examined with a view to minimising the possibility of harmful interference to all services".

2.4.46 Mr. Searle (New Zealand) said that Mr. Dobbryn's amendment meant that the requirements submitted by North Korea would be accepted without modifications, and the net result would be that the requirements of countries adjoining North Korea would be modified to suit the requirements submitted by the Popular Democratic Republic of Korea.

2.4.47 Mr. Dobbryn (Australia) replied that the requirements of Northern Korea had to be closely examined with a view to the protection of the communications of the Republic of Korea, and other members of the United Nations, against possible harmful interference from North Korea.

2.4.48 Mr. Plakias, along with Mr. Searle, considered that, rather than consider a composite motion as suggested by Mr. Dobbryn, the Assembly should either consider two separate motions or should consider his original motion, as amended. If the latter were approved by the Assembly, instructions could then be issued to the Committees concerned. Mr. Searle also considered that Mr. Lalung-Bonnaire's motion i.e., to give an extension of the time limit to the Observers of Korea for the submission of additional requirements, would be in conformity with the UN decision mentioned in Mr. Plakias' motion. Three motions could, therefore, be considered:

1. Mr. Plakias' (as amended) (see 2.4.36)
2. A motion, such as suggested by Mr. Dobbryn and modified by Mr. Plakias, which would settle the practical aspects of the question.
3. Mr. Lalung-Bonnaire's motion (2.4.26)

2.4.49

Mr. Lalung-Bonnaire (French Overseas Territories) asked whether Mr. Dobbyn's motion meant that the requirements submitted by the Popular Democratic Republic would be scrutinised with a view to the protection of neighbouring operating stations, or that these requirements would be taken into account in establishing the final frequency list. Mr. Dobbyn replied that the intention was that only the requirements submitted by the Republic of Korea would be included in the final list. The scrutinised with a view to avoiding harmful interference, and the final list would contain no assignments to the Popular Democratic Republic.

2.4.50

Mr. Lalung-Bonnaire (French Overseas Territories) then withdrew his motion, since, if the requirements from North Korea were merely to be scrutinised as Mr. Dobbyn had indicated, there would be no need for alterations in the Southern Korean list.

2.4.51

A general discussion then ensued, after Mr. Sundaram and Capt. Siddiqi had indicated their support of Mr. Dobbyn's motion. Mr. Dobbyn thought that Mr. Plakias' motion could be considered first of all, his own motion being considered as an amendment thereto. Mr. Plakias suggested the addition of the words "on Korea" after the words "Resolution 195 (III)" in his resolution. He pointed out that Mr. Dobbyn, in his suggestion that all available information be taken into account, was enunciating a general principle to be applied to the entire list, and this was confirmed by Mr. Dobbyn. Mr. Searle also agreed with this general principle, pointing out that the Conference would take into account, for example, recommendations from ICAO. However, no representatives of the North Korean Government were present at the Conference, and the North Korean requirements could not, as a result, be discussed. Two lists were, therefore, to be examined and, if Mr. Dobbyn's amendment to Mr. Plakias' original resolution were accepted, Southern Korea or other countries would have to relinquish certain frequencies on account of their notification by North Korea. In other words, countries would have to relinquish frequencies notified by North Korea, merely because the Conference had no means of requesting North Korea to clear them. He was, therefore, in favour of the general principle enunciated by Mr. Dobbyn, but he was not in favour of applying it to the particular case of Korea. The New Zealand Delegation would therefore vote against Mr. Dobbyn's amendment. Mr. Dobbyn said that the Australian attitude towards this general principle was that any information received, whether or not it emanated from a country Member of the United Nations, should be examined, without, however, entering into any commitment. Mr. Sundaram agreed with Mr. Dobbyn's opinion that the Conference should examine all available information in order to obtain a realistic list. He asked why Mr. Searle had said that the general principle to which he had no objection should not be applied to the particular case of Korea. Mr. Searle replied that the fact that no representatives of North Korea were present at the Conference would mean that, irrespective of what was said in the first part of the motion, North Korea would inevitably receive preference if the list of requirements submitted by it were examined at all. The Chairman thought that Mr. Searle's objection was adequately covered by Mr. Dobbyn's specification that the North Korean requirements could be examined without entering into any commitment. Mr. Dobbyn explained that, if the North Korean list were not studied with a view to protecting the interests of Administrations duly recognised as having rights within Region 3, transmitters operating in North Korea would still have to be taken into account, even if Mr. Plakias' motion were adopted.

- 2.4.52 The Meeting was adjourned at 1845 hours on Thursday July 7th, and on its resumption at 1010 hours on Friday July 15th, Mr. Plakias (U.S. Territories) offered to withdraw his motion, so that other possible compromises might be considered, but reserving the right to reinstate it if it proved desirable to do so.
- 2.4.53 Mr. Creighton (UK Colonies) then suggested the following motion:
- "The Administrative Radio Conference for Region 3 will take note of all available information which will enable it to minimise harmful interference to all services carried on by stations to which frequencies are assigned in its frequency allocation plan. In making frequency assignments for Korea, such assignments will be based on the requirements already submitted by the Republic of Korea".
- 2.4.54 The above motion was seconded by Mr. Mirza (Pakistan), and Mr. Sundaram (India) also indicated his support of it.
- 2.4.55 Mr. Searle (New Zealand) asked whether Mr. Creighton's motion implied that the requirements circulated by the Secretary General for the Popular Democratic Republic would appear in the final frequency list drawn up by the Region 3 Conference. Mr. Creighton (UK Colonies) replied that the first part of his motion enabled the Conference to take account of the frequency requirements circulated by the Secretary General for North Korea, and that the second part did not rule out the possibility of the Conference's allotting some of these frequencies to the Republic of Korea.
- 2.4.56 Mr. Mirza (Pakistan) said that, as seconder of the motion, his interpretation of it was as follows : The requirements of the Popular Democratic Republic could not be ignored, and account had to be taken of them in drafting the final list, with a view to avoiding harmful interference. However, frequencies would be allotted only to stations appearing in the Republic's list. Mr. Creighton (UK Colonies) emphasised that the interpretation put on his motion should be that of the Conference as a whole, and not that of any individual Delegate.
- 2.4.57 Mr. Sundaram (India) repeated his suggestion for a simple directive to Committee 4 or Committee 5 on the treatment to be accorded the two lists; such a directive might make a resolution unnecessary.
- 2.4.58 Mr. Plakias (US Territories) considered that the simple directive desired could be obtained merely by adding to the end of the resolution the words " and assignments will be made only to the Republic of Korea".
- 2.4.59 Mr. McDonald (Australia) said that the Australian Delegation's interpretation of the motion on the floor was based on the same considerations as had motivated its proposed amendment to Mr. Plakias' original motion (see No 2.4.45). It was as follows : Frequencies would be assigned to the Republic of Korea in accordance with its requirements already submitted. In making assignments to all countries, note would be taken of the list of requirements submitted by the Popular Democratic Republic merely with a view to avoiding harmful interference. Committee 4 would refer the requirements of the Popular Democratic Republic to Committee 5.

2.4.60 After a short discussion, in which the possibility of Mr. McDonald's interpretation being adopted as a resolution was discussed, it was finally decided that Mr. Creighton's resolution be adopted, and that the following directive from the Plenary Assembly be recorded in the Minutes of the Meeting.

"In accordance with the above resolution (see No 2.4.53) the Plenary Assembly directs Committee 4 and Committee 5 as follows: frequencies will be assigned to the Republic of Korea in accordance with its requirements already submitted. In making assignments to all countries, note will be taken of the list of requirements submitted by the Popular Democratic Republic, merely with a view to avoiding harmful interference. Committee 4 will refer the requirements of the Popular Democratic Republic to Committee 5".

2.4.61 At a suggestion from the Chairman for the curtailment of the report of the preceding discussion on the question of Korea (No 2.4 to No 2.4.61), Mr. Sundaram and Mr. Plakias, said that they considered that a detailed account was necessary, in view of the importance of the question.

3. Item 3 of the Agenda: Verbal report of Chairman of Committee 5.

3.1 Mr. Lalung-Bonnaire (French Overseas Territories), Chairman of Committee 5, said that, since the previous Plenary Assembly, Committee 5 had approved the report of its 2nd meeting (R3-Doc. 63). It had, therefore approved the principle of studying assignments with the aid of a system of cards. A secretariat of three persons had been set up and had completed the work of transferring medium frequency broadcasting requirements on to the cards. These cards would be given to Delegates to enable them to verify the entries and to add the hours of operation for each frequency. The Committee had set up a Working Group to subdivide Region 3 into zones, with a view to facilitating the simultaneous study of frequencies of the same megacycle order. He estimated that, with the present staff, one and a half months would be required to complete the work. He therefore asked, and received from the Assembly, permission to engage one further assistant. He also pointed to the fact that the technical nature of much of the work made it essential that it be performed by Delegates themselves.

On Mr. McDonald's suggestion, it was agreed that any further authorisation for additional staff for Committee 5 might be obtained, as necessary, from Committee 1.

Mr. Lalung-Bonnaire (French Overseas Territories), after making an appeal to Delegates for a sustained effort in the Working Groups of Committee 5, gave a brief resumé of the organisation of the work of the Groups.

4. Item 4 of the Agenda: Any other business.

4.1 Mr. Plakias and Mr. Sundaram briefly discussed the working hours of the Conference.

4.2 Mr. Creighton (UK Colonies) suggested that the question of the closing date of the Conference be included in the Agenda of the following Plenary Assembly. This suggestion was approved.

The Chairman closed the 5th Plenary Assembly at 12.55 hours on Friday, July 15, 1949.

Rapporteur:

G.M. Forrest

Secretary:

J. Kunz

Chairman:

S.S. Moorthy Rao

for Region 3
GENEVA, 1949

COMMITTEE 5

Committee 5

(Allotment of Frequencies)

Special Working Group on
TROPICAL BROADCASTING

1. Introduction : A special group has been established by the Coordination Group of Committee 5, in order that it may investigate the problems arising in the tropical broadcasting bands. The group consisted of Messrs. Hase and Searle whose report now follows.

2. APPROACH

It seems to the group that certain fundamental principles must be accepted by all delegates concerned in the first instance. Certain suggested principles are as follows :-

(a) Each country must have the right to at least one high power station if desired.

(b) Each country must have the right to cover its territory at least once, either by the use of few high power transmitters or by the use of several low power transmitters. In the latter case maximum use must be made of internal frequency sharing.

It is thought that a plan may well be prepared on this basis first, leaving whatever spectrum space is over to further partition based on mutual arrangement. This second stage may involve either

(a) severe power reduction

or (b) a decrease in protection ratio to most countries concerned

In each case, each country should guarantee to use antennae which are directive in the horizontal plane, in order :

(a) to concentrate radiation into those areas of its national territories where a high grade of service is required.

(b) to reduce radiation to the limit in the territories of neighbouring countries.

The antennae so used should be designed in accordance with the latest developments in the art of Radio Engineering.

3. TECHNICAL PRINCIPLES

3.1 Sharing

In the first stage of the process countries should guarantee that no field substantially greater than 100 microvolts per metre will be laid down at the limits of its territory. When, due to propagation conditions this field is exceeded, countries should guarantee that it will be reduced, by reduction in transmitter power as determined by time.

In cases where it would appear that the field is exceeded due to transmitter power and geographical configuration the figure of 100 microvolts per meter should be accepted, it being understood that the Administration will effect necessary changes to antenna design. In difficult cases where antenna design does not fit in with geographical configuration protection would be given only to the actual field at the territorial limit where the field is greater than 100 microvolts per metre.

At the finish of the first stage, a commencement should be made on sharing requirements left over, on the remaining frequencies. When this stage is completed, attention should be paid as a third step to sharing frequencies on a completely non interfering basis with the frequencies assigned in the first stage.

3.2 Frequency Assignment separations.

3.21 3 Mc/s Band

Certain work has been undertaken with a view to increasing the availability of channels, and accordingly Table I has been prepared to show the numbers of channels for 10 kc/s, 9 kc/s, 8.5 kc/s and 8 kc/s separations. No attempt has been made to analyse the advantages or disadvantages of such separations. However, it is felt that 9 kc/s separation would be adequate for high power stations where it may be difficult to obtain adequate geographical separation in terms of propagation. Similarly 8 kc/s separation may be adequate for lower power stations where sufficient geographical separation in terms of propagation is obtainable.

A composite table appears as Table II and this shows that 23 channels would be obtained by combining 9 kc/s separations for high power stations with 8 kc/s separations for low power stations.

Of course there are many other variations of Table II - this is only one sample which has been produced for the benefit of those concerned.

3.22 2 Mc/s Band

The work has been repeated for this band. Tables III and IV apply, as do the remarks in 3.21 above.

4. STATISTICS

Statistics have been prepared showing for the different countries the requirements in terms of power category, the requirements in terms of frequencies and the requirements in terms of stations. This data appears in tables V and VI.

From table V it will be seen that certain countries have considerable numbers of stations in use and none projected, whereas others have few in use and many projected. Also it will be seen that only very few countries are requesting fewer frequencies than stations. More of this type of consolidation must be accomplished.

From table VI it will be seen that there is a demand for at least 169 stations whereas there are approximately only 45 channels available. This gives a required repetition factor of about 4, which all will recognize is difficult of accomplishment in the area concerned without a methodical and generally acceptable approach.

5. MAPS

All delegates with tropical broadcasting requirements have been requested to furnish charts showing the extent of the service area of their stations. Those charts are in the possession of Mr. Hase for the use of any working group charged with the implementation of a plan.

6. CONCLUSION

The Group has given the above data to assist in determining an approach of the problem of Tropical Broadcasting.

It is felt that unless some method such as that suggested above is adopted, then any logical approach is impossible and assignments in the band must be on a random basis or by multilateral or bilateral agreement.

There still remains difficulty, even if the broadcasting requirements are fitted in, inasmuch as the bands are shared ones and no doubt Administrations have requirements for other than broadcasting services in the bands.

It is hoped that the data will serve the purpose of permitting discussion to proceed on a more concrete basis. It is regretted that it has been necessary to prepare this report hurriedly but there has been no alternative.

S. HASE

G. SEARLE

TABLE I

CHART SHOWING CHANNELS FOR DIFFERENT SEPARATIONS

10 kc/s Separation		9kc/s Separation			8.5 kc/s Separation			8.0 kc/s Separation		
Nº	3200	Nº	Nº	3200	Nº	Nº	3200	Nº	Nº	3200
1	3205	1	22	3205	1	23	3205.0	1	25	3204
2	3215	2	21	3214	2	22	3213.5	2	24	3212
3	3225	3	20	3223	3	21	3222	3	23	3220
4	3235	4	19	3232	4	20	3230.5	4	22	3228
5	3245	5	18	3241	5	19	3239	5	21	3236
6	3255	6	17	3250	6	18	3247.5	6	20	3244
7	3265	7	16	3259	7	17	3256	7	19	3252
8	3275	8	15	3268	8	16	3264.5	8	18	3260
9	3285	9	14	3277	9	15	3273	9	17	3268
10	3295	10	13	3286	10	14	3281.5	10	16	3276
11	3305	11	12	3295	11	13	3290	11	15	3284
12	3315	12	11	3304	12	12	3298.5	12	14	3292
13	3325	13	10	3313	13	11	3307	13	13	3300
14	3335	14	9	3322	14	10	3315.5	14	12	3308
15	3345	15	8	3331	15	9	3324	15	11	3316
16	3355	16	7	3340	16	8	3332.5	16	10	3324
17	3365	17	6	3349	17	7	3341	17	9	3332
18	3375	18	5	3358	18	6	3349.5	18	8	3340
19	3385	19	4	3367	19	5	3358	19	7	3348
20	3395	20	3	3376	20	4	3366.5	20	6	3356
	3400	21	2	3385	21	3	3375	21	5	3364
		22	1	3395	22	2	3383.5	22	4	3372
				3400	23	1	3392	23	3	3380
							3400	24	2	3388
								25	1	3396
										3400

TABLEAU II

TABLEAU COMPARITIF D'ASSIGNATION DES FREQUENCES

NOMBRE TOTAL DES VOIES = 23

Exemple d'application du tableau III

HAUTE PUISSANCE		FAIBLE PUISSANCE	
Séparation de 9 kc/s		Séparation de 8 kc/s	
N°		N°	
	3200		
1	3205		
2	3214		
3	3223		
4	3232		
5	3241		
6	3250		
7	3259		
8	3268		
9	3277		
10	3286		
11	3295		
		12	3303
		11	3311
		10	3319
		9	3327
		8	3335
		7	3343
		6	3351
		5	3359
		4	3367
		3	3375
		2	3383
		1	3391
			3400

TABLE III

CHART SHOWING CHANNELS FOR DIFFERENT SEPARATIONS

10 kc/s Separation		9 kc/s Separation			8.5 kc/s Separation			8 kc/s Separation		
No.	2300	No.	No.	2300	No.	No.	2300	No.	No.	2300
1	2310	1	21	2310	1	23	2305	1	1	2304
2	2320	2	20	2319	2	22	2313.5	2	23	2312
3	2330	3	19	2328	3	21	2322	3	22	2320
4	2340	4	18	2337	4	20	2330.5	4	21	2328
5	2350	5	17	2346	5	19	2339	5	20	2336
6	2360	6	16	2355	6	18	2347.5	6	19	2344
7	2370	7	15	2364	7	17	2356	7	18	2352
8	2380	8	14	2373	8	16	2364.5	8	17	2360
9	2390	9	13	2382	9	15	2373	9	16	2368
10	2400	10	12	2391	10	14	2381.5	10	15	2376
11	2410	11	11	2400	11	13	2390	11	14	2384
12	2420	12	10	2409	12	12	2398.5	12	13	2392
13	2430	13	9	2418	13	11	2407	13	12	2400
14	2440	14	8	2427	14	10	2415.5	14	11	2408
15	2450	15	7	2436	15	9	2424	15	10	2416
16	2460	16	6	2445	16	8	2432.5	16	9	2424
17	2470	17	5	2454	17	7	2441	17	8	2432
18	2480	18	4	2463	18	6	2449.5	18	7	2440
19	2490	19	3	2472	19	5	2458	19	6	2448
	2495	20	2	2481	20	4	2461.5	20	5	2456
		21	1	2490	21	3	2475	21	4	2464
				2495	22	2	2483.5	22	3	2472
					23	1	2492	23	2	2480
							2495	24	1	2495

TABLE IV

COMPOSITE ALLOCATION TABLE - TOTAL CHANNELS = 22

Example of use of Table III

HIGH POWER		LOW POWER	
9 kc/s SEPN		8 kc/s SEPN	
No	2300	No	
1	2310		
2	2319		
3	2328		
4	2337		
5	2346		
6	2355		
7	2364		
8	2373		
9	2382		
10	2391		
11	2400		
		11	2408
		10	2416
		9	2424
		8	2432
		7	2440
		6	2448
		5	2456
		4	2464
		3	2472
		2	2480
		1	2488
			2495

- 8 -
TABLE V

SUMMARY OF REQUIREMENTS - TROPICAL BROADCAST SERVICE
(2300-2495, 3200-3400 kc/s)

COUNTRY		Number of stations		Number of freq. required	
		In use	Projected	In use	Projected
Afghanistan	AC	1		1	
Australia	AS		3 }		3 }
	AT		2 } 6		2 } 6
	HT		1 }		1 }
Indonesia	EX	24	27	17	*)
Iran	FE	2		2	
China	BW		6 }		6 }
	BX	4	4 } 22	4	4 } 22
	BY	2	6 }	2	6 }
India	EU	17 }		13 }	
	EV	8 } 25		7 } 20	
U.K. Colonies	BL	5		3	
	BT	2		2	
	GN	2	10	2	8
	IN		1 }		1 }
French Overseas Territories	EZ	2	2 }	2	2 }
	HA		1 }		1 }
	HE		1 } 7		1 } 7
	HN		1 }		1 }
Colonies portugaises	FB	1	1 }	1	1 }
	GK		4 } 8		4 } 8
	JR	2		2	
Pakistan	LC	2 }		2 }	
	LD	10 } 12		8 } 10	
Burma	BJ	2		2	
Philippines	HY	23		11 **)	
TOTAL		105	60	79	33

*) unknown

**) consolidated by National Member

TABLE VI

REQUIREMENTS OF TROPICAL BROADCASTING STATIONS

	COUNTRY		Total	Input Power in kW					
				50	20	10	5	1	below
AC	Afghanistan	In use				1			
		Projected	-						
		Total	1			1			
AS	Australia	In use							
		Projected				3			
		Total	3			3			
AT	Australia	In use							
		Projected				2			
		Total	2			2			
BJ	Burma	In use					2 (7kW)		
		Projected							
		Total	2				2		
BL	Borneo	In use							5
		Projected							
		Total	5						
BT	Ceylon	In use					1 (7kW)	1	
		Projected							
		Total	2				1	1	
BW	China	In use							
		Projected				2		4	
		Total	6			2		4	
BX	China	In use		2	2				
		Projected					4		
		Total	8	2	2		4		
BY	China	In use			2				
		Projected				2	2	2	
		Total	8		2	2	2	2	
EU	India	In use			13			4	
		Projected							
		Total	14		13			4	
EV	India	In use			3	1		4	
		Projected							
		Total	8		3	1		4	
EX	Indonesia	In use					4		20
		Projected					7		20
		Total	51				11		40

TABLE VI (cont'd)

	COUNTRY		Total	Input Power in kW					
				50	20	10	5	1	below
EZ	Indo-China	In use						2	
		Projected			1(25kW)			1	
		Total	4		1			3	
FB	Portuguese India	In use			1				
		Projected			1				
		Total	2		2				
FE	Iran	In use			1(15kW)		1(7.5kW)		
		Projected							
		Total	2		1		1		
GK	Macao	In use							
		Projected						2	2
		Total	4					2	2
GN	Malaya	In use					2		
		Projected							
		Total	2				2		
HA	New Caledonia	In use							
		Projected						1	
		Total	1					1	
HE	New Hebrides	In use							
		Projected						1	
		Total						1	
HN	French Overseas Territories	In use							
		Projected						1	
		Total	1					1	
HT	Papua	In use							
		Projected				1			
		Total	1			1			
HY	Philippines	In use				15	3	3	2
		Projected							
		Total	23			15	3	3	2
IN	Solomon	In use							
		Projected							1
		Total	1						1
JR	Timor	In use						2	
		Projected							
		Total	2					2	
LC	Pakistan	In use					2(7.5kW)		
		Projected			(1)				
		Total	2				2		
LD	Pakistan	In use				1	9(7.5kW)		
		Projected			(1)				
		Total	10			1	9		
SUMMARY		In use	109	2	22	18	24	16	27
		Proposed	60		2(2)	10	13	12	23
		Total	169	2	24(2)	28	37	28	50

() = duplication

COMMITTEE 3

Report of the Technical and Operational Committee

17th Meeting, held on

27th July, 1949.

The Meeting was opened at 21.15 hours by the Chairman, Mr. G. Searle (New Zealand).

1. Item 1 of the Agenda - Approval of Reports of previous meetings of the Committee and of its Working Groups.

1.1 The Report of the 16th Meeting (Doc.114) was considered and adopted subject to the following amendments requested by Mr. Minners (U.S. Territories) :

In lines 3 and 10 of No 4.1 substitute "F.I.A.R." for "Region II".

In line 11 of No 4.1 substitute "believed" for "clarified".

On page 2, line 8 of the paragraph beginning "Item I refers" substitute "2850" for "2180".

On page 2, line 5, of the paragraph beginning "There is no obligation.." insert "all" after "guards".

1.2 Doc. 107, the 3rd Report of the Propagation Group, was then introduced by Mr. Venkataraman (India), Chairman of the Group. This document, he said, was self-explanatory, and he wished only to express his thanks for the very useful help given him by Mr. Richard, of the French Overseas Territories' Delegation, and by the Observers from Korea. In response to the Chairman's request, Mr. Venkataraman agreed to collaborate with him (the Chairman) on the amendment of the Document to form part of the final report of Committee 3.

1.2.1 The Chairman joined in the expressions of thanks made by Mr. Venkataraman, and also expressed appreciation of Mr. Venkataraman's work, which had been of the first magnitude.

1.2.2 In the absence of objections, Doc. 107 was declared approved.

1.3 Mr. Minners then submitted Doc. 115 (Third Report of Working Group to the Chairman of Committee 3). This report, he said, presented the results of an attempt to find spectrum space in which to place coast telegraph stations in the 2 Mc/s band, should there be any necessity to do so either at present or in the future.

1.3.1 The Chairman pointed out that Doc. 115 had been discussed at some length in the Working Group and, in the absence of observations, he declared it approved, as a recommendation to the Plenary Assembly.

1.4 Mr. Minners, introducing Doc. 116 (Fourth Report of Working Group 4 to the Chairman of Committee 3), said that this was a recommendation for the designation of a minimum basic number of VHF frequencies for the International Maritime Mobile Service. This question had been considered at

Atlantic City, but, due mainly to differences among countries in channeling, it had not been possible to proceed beyond the frequency 156.80 Mc/s. Informally, at the Copenhagen Conference, and at the London Conference on Safety of Life at Sea, it had appeared that the designation of a minimum number of frequencies, based on the more popular channeling of 100 kc/s was desirable. The recent Region 2 - FIAR Conference took the first three channels mentioned on page 2, but since that Conference had ended, it had been noted that there was agreement in the Working Group on the two channels mentioned on page 2, § 5, of Document 115. He considered that the United States Territories would probably be able to accept these latter two frequencies, although he did not wish to commit his Delegation until he had received further information from the United States.

- 1.4.1 The Chairman drew attention to para.1 on page 2 of the Document and to the desirability of studying the type of modulation to be used on these particular frequencies. Mr. Minner replied that there had been a difference of opinion in the Working Group on the question of modulation. The Group had decided that, for the resolution of this problem, there was an insufficient number of countries represented on the Working Group, and that the matter was one for Committee 3 or the Plenary Assembly. Though Region 2 took FM at Atlantic City, the other two regions left the matter open. He understood that the Region 2-FIAR Conference had discussed this matter and that it had been reaffirmed that frequency modulation would be used in that Region.
- 1.4.2 The Chairman then suggested that Doc. 116 be approved, but observed that a decision had to be taken on the point raised in para.1 on page 2. It had been felt in the Working Group that there was no need for discussion on the matter, and that the differences of opinion merely be recorded.
- 1.4.3 After the Chairman had proposed that delegates be asked to state which type of modulation their countries would use, and Mr. Minners had proposed that delegates be given a few more days to consider the matter, it was decided, on the suggestion of Mr. Dobbyn (Australia), that delegates be asked to give a reply to the question if possible but that the final decision on the document would be postponed.
- 1.4.4 The results of the consultation were as follows :

<u>Countries favouring use of :</u>		<u>Countries postponing their reply</u>
FM	AM	
U.S. Territories	Australia	Burma
	New Zealand	China
	U.K. Colonies	India
	(the U.K.Colonies Delegate	Pakistan
	considered that the problem should	Philippines
	be settled on a world, and not a	French Overseas Territories
	regional basis).	

No representative of the Portuguese Colonies was present during the above consultation.

2. Item 2 of the Agenda - Miscellaneous.

- 2.1 The Chairman introduced Doc.100 (Revised), the Report of Working Group 4 to the Chairman of Committee 3, and intimated the following corrections : on page 6 of the English text, section D, para.9(1) first line to read : "Coast telephone stations open to public correspondence....".

In the absence of observations, Doc.100 (Revised) as amended above, was declared approved.

- 2.2 The Chairman, referring to the question of band-edge conditions as dealt with in the Addendum to Doc.89, said that this question would be raised in the Plenary Assembly at the appropriate time.

The Chairman closed the meeting at 21.54 hrs.

Rapporteur :
G.M. Forrest

Chairman :
G. Searle

AGENDA
for the 7th Plenary Session
to be held on Wednesday 3rd August

The session will be preceded by meetings of Committees 3, 4 and 5 which will commence at 21.00 hours.

AGENDA

Committee 3 - Approval of document 116, Fourth Report of Working Group 4 to the Chairman of Committee 3.

Committee 4 - Approval of document 117, Draft Final Report.

Committee 5 - Consideration of document 121, Report of the special Working Group on Tropical Broadcasting.

Plenary Session

1. Approval of document 100 revised, Report of Working Group 4 to the Chairman of Committee 3; and document 115, Third Report of Working Group 4 to the Chairman of Committee 3.
2. Approval of such of the foregoing reports as are presented by the Committee Chairmen, and any other business arising out of the Committee Meetings.
3. Consideration of the form of the final documents of the Conference.
4. Any other business.

COMMITTEE 4

Report of the Requirements Committee

(Committee 4)

7th Meeting held on 27th July, 1949.

The Chairman opened the Meeting at 21.55 hours.

1. Item 1 of the Agenda : Approval of Reports of previous meetings.
 - 1.1 The Reports of the 5th and the 6th Meetings, Documents 108 and 112 respectively, were examined and approved without comment.
2. Item 2 of the Agenda : Submission to the P.F.B. of requirements between 3900 - 4000 kc/s.
 - 2.1 The Chairman, referring to No 3 of Document 112, concerning requirements between 3900 - 4000 kc/s, called upon Captain Siddiqi (Pakistan) who said that a draft for submission to the P.F.B. was in preparation, and would be placed before the Plenary Assembly for approval when ready.
3. Item 3 of the Agenda : Aeronautical Distress Frequency (India and Pakistan)
 - 3.1 The Chairman referred to No 16.3 of Document 89, concerning the aeronautical distress frequency used in India and Pakistan (viz. 3805 kc/s). Mr. Jayasekara (U.K. Colonies) drew the attention of the Committee to point (3) of the "Remarks" on page 7 of Doc. 89 (Addendum).
 - 3.2 Captain Siddiqi (Pakistan) said that the frequency 3805 kc/s was extensively used in India and Pakistan as a distress frequency for service aircraft. Very high powers would not be used on this frequency, but it was desirable that it be treated as a distress frequency by any other countries in Region 3, which wished to adopt the same course.
 - 3.3 Mr. Searle (New Zealand) pointed out that the band in which this frequency appeared was shared. In New Zealand the whole band was used by the amateur service, and it was not possible to guarantee that the frequency would be free from interference.
 - 3.4 The Chairman suggested that, in view of the remarks of Captain Siddiqi and Mr. Searle on this question, it be referred to Committee 5 for decision. In the absence of objections, it was agreed that this would be done.
 - 3.5 Mr. Lalung-Bonnaire (French Overseas Territories), Chairman of Committee 5, requested that the attention of the Coordination Group of Committee 5 be drawn to this by the interested countries.

4. Item 4 of the Agenda : Final Report of Working Group 1.

- 4.1 Mr. Sundaram (India), Chairman of Working Group 1 of Committee 4, said that the task given to the Working Group was to compile a basic list of requirements. The list had been compiled by making manuscript corrections to the list drawn up by the Preparatory Committee, and Committee 5 had intimated that it required only one legible copy. All available information in the list had been transferred to cards. As directed by Committee 4, folders had been prepared for each country, and these were available in the Secretariat.

Working Group 1 of Committee 4 had therefore completed its task, and he wished to express his thanks to all participants, particularly Mr. Margolf of the U.S. Territories Delegation.

- 4.2 Mr. Sundaram (India) then formally moved the dissolution of Working Group 1.

- 4.3 Mr. Creighton (U.K. Colonies) wished to raise a point, before the dissolution of Working Group 1, regarding No 2.3 of Document 96. It appeared, from this item, that requirements were being submitted by the Aeronautical Conference to the Region 3 Conference, and this procedure, he considered, was highly irregular.

- 4.4 Mr. Sundaram (India) in reply to Mr. Creighton, said that the Aeronautical Conference had made tentative assignments, in the bands concerned, but all the requirements had been submitted directly by Administrations originally.

- 4.5 Mr. Creighton (U.K. Colonies) considered that the Aeronautical Conference did not have the right to make the above-mentioned assignments and that only the Region 3 Conference had this right.

- 4.6 On a question by the Chairman whether individual countries have to be asked to submit their requirements in the bands in question, Mr. Sundaram (India) pointed out that, if requirements were to be accepted exclusively from countries, then no requirements could be accepted from the P.F.B., or any other Conference. He pointed out that the requirements were submitted by Member countries to the I.T.U. and it was up to the Union to deal with those requirements in the appropriate organ, be it a conference or secretariat, etc. If one of these conferences had received some requirements which could not be dealt by it for some reason or other, it had to send those requirements to the appropriate organ of the I.T.U. It was thus only a question of regulating the work of the various organs within the structure of the I.T.U. The position remained unchanged so far as the countries were concerned vis-a-vis the I.T.U. This Conference had therefore to legally deal with the requirements received from other conferences.

- 4.7 Mr. Rao (India) asked whether any Administration had submitted requirements in the bands concerned, and Mr. Sundaram (India) replied that there was no duplication of requirements as between Administrations and the Aeronautical Conference.

- 4.8 Mr. Creighton (U.K. Colonies) requested the insertion in the Report of the following statement :-

"It is the opinion of the U.K. Colonies that all requirements must be submitted by individual countries for purposes of frequency assignment."

- 4.9 Mr. Sundaram (India) requested the inclusion in the Report of the statement that the same treatment should be accorded to all requirements received from the various conferences and the P.F.B.

- 4.10 Mr. Rao (India and Burma) considered that a very important and basic principle was involved, and should not be left undecided, namely, should assignments be made in respect of, or should consideration be given to, requirements received from Conferences, as distinct to those received from Administrations ?

- 4.11 Mr. Creighton (U.K. Colonies) said that he agreed with the fundamental principle that all available information be considered. He had been referring, however, in his foregoing statement, to requests for frequencies which definitely required a frequency assignment.

5. Item 5 of the Agenda : Approval of Document No 117.

- 5.1 In view of the fact that Document No 117 had been distributed too late for consideration by the Delegates, it was decided to postpone discussion. The question of the winding up of Committee 4 and its Working Groups would be considered in the next meeting.

The Meeting was closed at 22.25 hours.

Rapporteur :

G.M. Forrest

Chairman :

M.N. Mirza

SCHEDULE OF MEETINGS
for the period 8 to 13 August, 1949.

Every day, from 09.00 to 12.30 and from 14.00 to 19.00 hours
(except on Saturday afternoon)

Working Groups

Wednesday, 10 August

09.00 hours	Plenary Session (Continuation of 7th Plenary Session)	Room 4
-------------	---	--------

HORAIRE DES SEANCES
du 8 au 13 août 1949.

Tous les jours, de 9 heures à 12h.30 et de 14.00 à 19.00 heures
(sauf le samedi après-midi)

Groupes de travail

Mercredi 10 août

09.00 h.	Séance plénière (Continuation de la 7e séance plénière)	Salle 4
----------	---	---------

for Region 3
GENEVA, 1949

COMMITTEE 1

Steering Committee

Report of the 14th Meeting

3 August 1949

The Meeting was opened at 12.10 hours by the Chairman, Mr. S.S. Moorthy Rao.

1. Item 1 of the Agenda: Approval of the Report of the 13th Meeting
(Document No. 119)

1.1 The report of the 13th meeting was approved with the following amendment:

Para No. 3.1 should read: "3.1 Mr. Verboeket (Indonesia) considered that, for the Tropical Broadcasting band, very drastic measures were necessary in order to resolve the problem. He suggested forming a small working group to consider the whole of the Tropical Broadcasting band"

2. Item 2 of the Agenda: Drafting of a Schedule of Meetings.

2.1 It was decided not to schedule a meeting of Committee 1 or a Plenary Session, but if an urgent matter required to be discussed, this would be notified by an agenda published two days in advance and the discussion would be limited to that subject.

The usual notification document for meetings for the period August 8-13 is published as Document N° 125.

3. Item 3 of the Agenda: Any other business.

3.1 The Secretary then gave a short summary of the status of the Secretariat of Region 3.

3.2 Mr. Lalung-Bonnaire (French Overseas Territories) explained that the Secretariat for Committee 5 had been reduced to bring expenditures to a minimum. The cards for the fixed services would be completed by the Delegates. The one remaining clerk would be used to do the classification and clerical work for Committee 5.

3.3 In reply to a question from the Chairman, Mr. Lalung-Bonnaire remarked that the work of Committee 5 was satisfactory, but he was of the opinion that the dates fixed by the Plenary for submission of the list could not be kept.

3.4 Mr. Verboeket (Indonesia) noted that there had been some slight

improvement made in the sanitary conditions in the Maison des Congrès, but suggested that there was still room for much improvement.

The Chairman closed the Meeting at 12.25 hours.

Rapporteur:

Secretary:

Chairman:

G.A. Coddington

A.K. Dobbie

S.S. Moorthy Rao.

COMMITTEE 3

Report of the Technical and Operational Committee

18th Meeting, held on 3 August, 1949.

The Meeting was opened at 21.00 hours by the Chairman, Mr.G. Searle.

1. Item 1 of the Agenda : Approval of Document 116, Fourth Report of Working Group 4 to the Chairman of Committee 3.

1.1 Document 116 was approved subject to the following amendments :

- 1) Page 1, para 2, the words "some of" should be inserted between "Atlantic City Conference" and "the maritime nations of the world".
- 2) Page 2, delete § 1.

On a proposal by Mr. Creighton (U.K. Colonies), supported by Mr. Minners (U.S. Territories), it was decided to delete this paragraph, but to register in the Minutes the views of the various Delegations as to their preference for Frequency or Amplitude Modulation. The results were as follows :

<u>Country</u>	<u>Preference</u>
Australia	Amplitude modulation
Burma	deferred opinion
China	awaiting reply from its Administration
U.K. Colonies	Amplitude modulation
French Overseas Territories	Frequency modulation preferable but could adopt majority wish.
India	awaiting reply from its Administration
Indonesia	Frequency modulation
New Zealand	Amplitude modulation
Pakistan	deferred opinion
Philippines	Frequency modulation (this type of equipment available)
U.S. Territories	Frequency modulation

2. Item 2 of the Agenda : Dissolution of Committee 3.

2.1 The Chairman pointed out that Document 116 virtually completed the work of Committee 3. He suggested, therefore, that Committee 3 could possibly dissolve itself and leave any further technical matters to Working Groups designated by the Plenary Assembly or Committee 5.

Mr. McDonald (Australia) supported this suggestion.

- 2.2 In reply to a question by Mr. Creighton (U.K. Colonies), the Chairman explained that he wished to take the present opportunity to clear up certain formalities that were necessary when a Committee dissolved, such as discharging the Working Groups of their responsibility. He felt that it would be undesirable to hold another meeting to go through these formalities..
- 2.3 Mr. Creighton (U.K. Colonies) agreed that the Committee should dissolve the Working Groups, but pointed out that Committee 3 still had one document (N° 100 revised) before the Plenary Assembly and it would have another soon (Doc. 116). He also felt that the Plenary Assembly, which had constituted Committee 3, should be the organ to dissolve the Committee.
- 2.4 Mr. Mirza (Pakistan) favored sending a recommendation to the Plenary Assembly, that Committee 3 be dissolved.
- 2.5 Mr. Sundaram (India) felt that by the nature of the Committee, it would not be possible to say that no problems would arise in the future; for instance, it might be found that certain matters may have to be modified. Therefore, he proposed that Committee 3 recess, so that it could function again if a special problem should arise but that the Working Groups should be dissolved.

There being no objections to this proposal, it was adopted.

- 2.6 The Chairman then expressed his thanks to Mr. McDonald for his work on sharing, to Mr. Venkataraman for his work on the problems of propagation, to Mr. Jayasekara for his work on band edge conditions and frequency separation, and to Mr. Minners for his completion of the difficult task of dealing with the Maritime Mobile Service. He then released the four Chairmen from their responsibilities.

It was agreed that the Chairman should report to the Plenary Assembly that Committee 3 considered itself to have fulfilled its terms of reference, and that if further questions were submitted to it, he (the Chairman) would call further meetings to deal with them.

- 2.7 Mr. Minners (U.S. Territories) expressed the view that all Delegations felt that the Chairman had put in a great deal of labor and had shown a spirit of cooperation, helpfulness and good will that was an honor to New Zealand.
- 2.8 The Chairman closed the Meeting at 21.45 hours.

Rapporteur :
G.A. Coddington

Secretary :
A.K. Dobbie

Chairman :
G. Searle

AGENDA

for the 2nd part of the 7th Plenary Session
to be held on Wednesday 10th August, at 09.00 a.m. in Room 4

By decision of the Steering Committee the agenda will be restricted
to the following items :-

1. Approval of Document 100 revised, Report of Working Group 4 to
the Chairman of Committee 3.
 2. Any other business.
-

ORDRE DU JOUR

de la 2e partie de la 7e Séance plénière
du mercredi 10 août à 09.00 h. dans la Salle 4

Conformément à la décision prise par la Commission de direction,
l'ordre du jour se limitera aux deux points suivants :

1. Approbation du document 100 révisé, Rapport du Groupe de travail 4
au Président de la Commission 3.
 2. Divers.
-

for Region 3
GENEVA, 1949

COMMITTEE 3

List of amendments to Document No. 100 (revised)

proposed by the Delegation of
the United Kingdom Colonies

- Page 1 para 1 : Add "exclusively" after "allocated" since the band 2065-3105 kc/s is allocating exclusively in Region 3 to the Maritime Mobile Service.
- Page 2 para 3 : Add "exclusive" before "maritime mobile service" for same reason as given for proposed modification to para. 1.
- Page 2 line before Recommendation 1: Amend "Bands included between 2000 and 2850 kc/s" to read "Bands included between 1605 and 2850 kc/s".
- Page 2 Recommendation 1 : Delete last sentence "Nothing contained public correspondence" and insert this sentence as Recommendation 8 on page 3 to make intention clear.
- Page 3 Recommendation : Second line Delete 2000 and replace by 1605.
- Page 3 Recommendation 6 : Delete the last sentence since the present wording suggests other types of emission cannot be used by ship and coast stations.
- Page 3 Paragraph following Recommendation 7. : Delete "statement" and substitute "footnote".
Delete "2065 - 2105" and substitute "1605 - 2850".
Add footnote to read: "See recommendation..... of the Final Acts which states that the frequency of 2091 kc/s is recommended as the calling frequency for use by ship telegraph stations operating in the band 1605 - 2850 kc/s".
- Page 3 Item 2 recognising 1. : Delete "provision" and substitute "Obligatory".
- Page 3 Item 2 recognising 2. : Delete "have available" and substitute "must be provided with".
- Page 4 para 1 : Delete and replace by:
"Apart from the transmissions authorised on the frequency of 2182 kc/s, all transmissions on the frequencies included between 2170 and 2194 kc/s should be forbidden".
- Page 5 para 3 : Since the limitations referred to are not those referred to in para 2 the paragraph should be deleted and replaced by:
"In the case of coast stations of the maritime mobile radiotelephone service operating in these bands the mean power of the unmodulated carrier wave in the antenna should not exceed 1000 watts for day operation ¹⁾ and 500 watts

for night operation 2) except where the conditions are such as to render these limitations unreasonable or unnecessary".

Page 5 para 4 (3)a: Delete "for authorised operating signals" as this suggests that 2182 kc/s may be used for more than call, reply and distress traffic.

Page 5 para 6 (1) and para 6 (2) : The marginal references A.C. para 826 and A.C. para 827 will eventually be deleted. It is therefore proposed that two footnotes should be added to show that these two sub-paragraphs are paragraphs 826 and 827 of the Atlantic City Radio Regulations and that they are already obligatory in Region 1 by decision of the Atlantic City Radio Conference.

Page 6 para 8 (1) : Delete the words "The use of" and insert after "kc/s" the words "is the frequency". The paragraph would then read: "2182 kc/s is the frequency for all stations and should be authorised....."

Page 6 para 8 (1)a: Delete "should, in general" and replace by "may".

Page 6 Para 8 (2) : Insert between "should" and "reply" in the first sentence the words "wherever possible".

Amend the last sentence to read as follows:

"In the case of double frequency working (duplex), the station called should wherever possible reply on the associated frequency".

The object of the amendment is to cover the case where associated pairs of frequencies are not used but any two frequencies which are separated by at least 200 kc/s are used.

Page 6 para 9 : Add footnote pointing out that this paragraph is an amplification of paragraphs 819 and 820 of the Atlantic City Radio Regulations.

Page 7 para 11 (3) : Add the words "wherever possible" between "should" and "include".

Page 7 para 12 : In the opinion of the United Kingdom Colonies para 12 is superfluous in view of paragraph 589 Atlantic City Radio Regulations which makes the requirement contained in the proposed recommendation obligatory.

Page 7, paragraph following para 12 : Delete "statements" and replace by "footnotes". The footnotes should read:
"See Recommendation of the Final Acts which states that apart from the transmissions authorised on the frequency of 2182 kc/s all transmissions on the frequencies included between 2170 and 2194 kc/s should be forbidden".
and

"See Recommendationof the Final Acts which states that the frequency 2638 kc/s is recommended for use in the maritime mobile (telephony) service, primarily for intership working."

Page 7. Proposed
Recommendation
Considering 2) :

Amend to read:

"That the great majority of the installations will operate in the radio-telephone service in the band 2105-2300 kc/s for ships and in the band 2505-2850 kc/s for coast station and intership working."

Page 8 First Paragraph

:Amend to read:

"That Committee 5in the band 2105-2300 kc/s for ship stations and 2505-2850 kc/s for coast station and intership working."

A. Mumford,
Head of U.K. Colonies Delegation
Region 3.

5 August 1948



**Administrative Radio Conference for Region 3
(Geneva, 1949)**

Document No. 130

Note: The following corrigendum and corrections were issued in relation to this document:

- Document No. 142 – Corrections to Document No. 130
- Document No. 187 – Corrigendum to Document No. 130

for Region 3

GENEVA, 1949

MINUTES OF THE 6th PLENARY ASSEMBLY

held on Friday, 22 July, and Wednesday, 27 July, 1949

The Meeting was opened at 0935 hours by the Chairman, Mr. S.S. Moorthy Rao.

The following countries and organisations were represented: Australia, China, French Overseas Territories, India, Indonesia, New Zealand, Pakistan, Philippines, United Kingdom Colonies, United States Territories, Korea, and I.F.R.B.

1. Item 1 of the Agenda (Document N° 110): Approval of Minutes of 3rd and 4th Plenary Meetings (Documents N° 81 and 103).

1.1 Document N° 81 (Minutes of the 3rd Plenary Assembly) was examined and approved subject to the following amendments:

1.1.1 Mr. Dobbyn (Australia) asked that, on page 1, the date of the document be changed to read 5 July, 1949. He also asked that, in sub-para. (1) of para. 1.1, 2nd line, "page 2 N° 8.1.1" be changed to read "page 7 N° 8.11".

1.1.2 Mr. Chung (China) asked that, on page 4, para. 2.11, 3rd line, the word "Observers" be replaced by "technical advisers accompanying Observers of SCAP". He also asked that, on the same page, same paragraph, 6th line, the words "as Observer" be replaced by "of the ITU".

1.1.3 Mr. McDonald (Australia) asked that, in para. 2.12, the last word be corrected to read "done".

1.1.4 Mr. Flakias (US Territories) asked that the following changes be made:

1. page 11, para. 2.24.5, 2nd line, the word "not" be added after "did",
2. page 15, para. 2.24.27, 5th line of 2nd sub-paragraph, the word "document" be changed to read "documents", and
3. page 18, para. 2.25.7, last sub-paragraph, the words "their own representatives on" be replaced by "members of".

1.1.5 Mr. Sundaram (India) requested that he be allowed to submit corrections for approval of the following Plenary Assembly, since he had not had sufficient time to study Document 81. It was agreed that this might be done (see Document 81 corrigén.)

1.2 The Minutes of the 4th Plenary Assembly (Document N° 103) were examined and approved subject to the following amendments:

- 1.2.1 Mr. Minners (US Territories) asked that the following changes be made:
1. page 4, para. 2.3.1, penultimate line, the words "there was no justification for the preparation of" be replaced by "it would be impracticable for this Conference to engineer",
 2. page 4, penultimate line, the letters "F.I.A.R." be added after the words "Region 2",
 3. page 4, last line, the words "to his knowledge" be inserted, between commas, after the word "not", and
 4. page 5, the first line be deleted up to the full stop, and replaced by "that the U.S. had not submitted any proposals on the subject to the Region 2 F.I.A.R. Conference".
- 1.2.2 Capt. Siddiqi (Pakistan) asked that, on page 4, para. 2.3.3, the sub-paragraph beginning "The consensus of opinion...", 8th line, the word "probably" be replaced by "comparably".
- 1.2.3 Mr. Lalung-Bonnaire (French Overseas Territories) asked that, on page 5, para. 3.2, under the title "French Overseas Territories", 400 kW be replaced by 400 W.
- 1.2.4 The Secretary (Mr. Kunz) asked that, on page 6, para. 5.3, the first line be changed to read "A letter was read out from the Chairman...".
2. Item 2 of the Agenda: Reports of Chairmen of Committees.
- 2.1 The Chairman drew attention to the report of the 10th meeting of Committee 1 (Document N° 94), and particularly to its annex containing the figures of the Conference's budget. This budget had been approved by Committee 1 and had been submitted to the Plenary Assembly for approval. The Chairman pointed out that the Region 3 Conference was spending less than the amount provided for by the Administrative Council, due mainly to the rigid scrutiny of expenses made by the special group on finance, which had had the assistance of Mr. Lalung-Bonnaire (French Overseas Territories).
- 2.1.1 There being no objections, the budget annexed to R3 Document 94 was then declared approved.
- 2.2 Mr. Verboeket (Indonesia), Chairman of Committee 2, said that his Committee had held only one meeting (its seventh) since the previous Plenary Assembly, the report of which was contained in Document 106. He briefly reviewed the proceedings at that meeting as set out in the report.
- 2.2.1 Mr. Verboeket (Indonesia) read out a letter from the Overseas Telecommunications Department of the General Post Office, London, accrediting Mr. W. Swanson as a member of the Delegation of the United Kingdom Colonies to the Region 3 Conference.
- This latter request was approved by the Plenary Assembly.
- 2.3 Mr. Searle (New Zealand), Chairman of Committee 3, said that his Committee had submitted no further documents for the approval of the

Plenary Assembly. A document on the Maritime Mobile services and one on band edge conditions had been published and approved in the Committee. Committee 3's work was virtually finished, with the exception of two items, namely, the use of VHF in the Maritime Mobile Services, and the approval of the work done by the Working Group on Propagation under Mr. Venkataraman.

- 2.4 The Chairman of Committee 4, Mr. Mirza (Pakistan), said that the basic list had been completed by his Committee, and the final report of the Chairman would be ready during the following week.
- 2.5 Mr. Lalung-Bonnaire (French Overseas Territories), Chairman of Committee 5, said that the Working Groups of his Committee had begun their substantive work on the previous Monday. He addressed an appeal to the Delegates for help in the Working Groups.
 - 2.5.1 Committee 5 had held several meetings on the internal organisation of the Committee; he did not consider that this was a matter of major interest to the Plenary Assembly.
 - 2.5.2 The Chairman pointed out that any difficulties of Committee 5 in interpreting its terms of reference would be a matter of interest to the Plenary Assembly, and Mr. Lalung-Bonnaire (French Overseas Territories) replied that Delegates were free to raise in the Plenary Assembly any point regarding Committee 5's work.
3. Item 3 of the Agenda: Setting of target date for completion of the work of the Conference.
 - 3.1 The Chairman, having pointed out that the work of Committees 3 and 4 was almost finished, called on Mr. Lalung-Bonnaire to give his estimate of the time necessary for the completion of Committee 5's work.
 - 3.2 Mr. Lalung-Bonnaire (French Overseas Territories) considered that, unless there was a considerable acceleration in certain parts of the work, at least 36 days would be required for completion. It was, however, possible that the date 31 August might be respected if the necessary effort were made.
 - 3.3 Mr. Sundaram (India) said that two factors had to be borne in mind.
 1. Many Delegates would wish to be present at the discussions in the PFB of its report to the Administrative Council.
 2. Delegates would likewise have commitments at the 2nd session of the Aeronautical Conference, scheduled to begin on August 1st.
 - 3.4 Mr. Flakias (US Territories) suggested that the work be accelerated in the Working Groups, and that Plenary Assemblies be reduced to a minimum. In this way the first draft plan might be examined on August 15th.
 - 3.5 Mr. Searle (New Zealand) thought that, if the work of the Conference was to be completed in less than 3 months, hours of work would have to be lengthened. Alternatively, problems concerning only a group of Region 3 Administrations, e.g. low power transmissions, could be settled by bi-lateral or multi-lateral agreement, in accordance with the terms of the Convention. Moreover, there was less justification for delay in the Region 3 Conference than in other Regional Conferences, e.g. the European or the American, in which problems had been more acute.

He stated that, after the opening of the Aeronautical Conference, the New Zealand Delegation would be able to attend the Region 3 Conference only in the Working Groups in which it was directly concerned.
 - 3.6 Mr. Creighton (UK Colonies) agreed with Mr. Searle's estimate of the probable length of the Conference, under the existing circumstances. He thought, however, that, with acceleration of the work and longer hours, the plan could be presented on the 15th of August, as Mr. Flakias had suggested.

In regard to Mr. Sundaram's suggestion that other conferences would influence the speed of the work, he thought that no Delegation to the Region 3 Conference should be completely denuded of delegates on account of these Conferences.

- 3.7 Mr. Mirza (Pakistan) asked whether Mr. Lalung-Bonnaire could state whether the plan could be ready within 1 month, and Mr. Lalung-Bonnaire (French Overseas Territories) replied that the date August 15th could be met only if drastic steps were taken to reduce Committee meetings and Plenary Assemblies to a minimum. He suggested that work could be done in the evening, so that 3 bands could be completed each day.

In reply to Mr. Searle's suggestion that low power problems be settled bi-laterally or multi-laterally, he said that this question had been considered by the Working Group under Mr. Creighton. It had been found that consideration of the question would require more time than was warranted. He pointed out that in Region 3 there was an average of 700 stations per country to be studied, whereas in Region 1 there were only 120.

- 3.8 After a discussion between the Chairman, Mr. Prosser (Australia), Mr. Plakias (US Territories), Mr. Verboeket (Indonesia), Capt. Siddiqi (Pakistan), Mr. Lalung-Bonnaire (French Overseas Territories), Mr. Creighton (UK Colonies), Mr. Mirza (Pakistan) and Mr. Sundaram (India), the weekly schedule was agreed without objection as follows, the hours given to be considered as minimum hours:

Monday to Friday	0900-1230	1400-1900
Saturday	0900-1230	

The weekly meeting of Committee 1 to be on Wednesdays at 1200, other Committee meetings to be held as necessary during the time allocated to the Plenary Assemblies, and the Plenary Assemblies to be held at 2100 hours on Wednesdays.

During this discussion, Mr. Creighton (UK Colonies) requested that at least one member of each Delegation be present, and Mr. Plakias (US Territories) stressed the necessity for each Delegation to deal with its own requirements. He also said that there were at least some governments who were not prepared to maintain Delegations in Geneva indefinitely.

Capt. Siddiqi (Pakistan) asked, and received from Mr. Lalung-Bonnaire (French Overseas Territories), an assurance that the work of the Working Groups would not be held up by delay in receiving the cards from Committee 5.

Mr. Creighton (UK Colonies) emphasised the necessity for flexibility in the working hours, since work might not be available at certain times.

Mr. Mirza (Pakistan) and Mr. Sundaram (India) were opposed to working on Saturday afternoons, on account of their other commitments. In reply to a suggestion by Mr. Verboeket (Indonesia) for the amalgamation of Plenary Assemblies with Committee meetings, Mr. Sundaram (India) pointed out that, in any event, both Committee 3 and Committee 4 had virtually completed their work, and that no formal change in the organisation of the Conference would be necessary to meet Mr. Verboeket's proposal.

- 3.9 On the proposal of Mr. Creighton (UK Colonies), it was decided that August 22nd be set as the date for submission of the draft list by Committee 5 to the Plenary Assembly. Mr. Plakias (US Territories) then suggested that September 1st be fixed as the closing date of the Conference, and Mr. Verboeket (Chairman of the Credentials and Drafting Committee) replied that it was impossible to estimate the time required for the drafting of the final report. Mr. Sundaram (India) favoured postponing decision on the closing date, and it was so agreed.

- 3.10 Mr. Dobbyn (Australia) requested that the time interval between the submission of the draft report and the final Plenary Assembly be at least a fortnight to enable his Delegation to send details to Australia and obtain a reply.

3.11* Miscellaneous

The Secretary (Mr. Kunz) introduced Mr. A. K. Dobbie, who had been appointed Secretary of the Region 3 Conference, to take over from Mr. Kunz who has been posted as the Secretary of the International Administrative Aeronautical Conference.

The Assembly was adjourned at 1305 hours on Friday, July 22, 1949, and reconvened on Wednesday, July 27, at 2100 hours.

4. Item 4 of the Agenda: Signing of final documents of Conference.

- 4.1 The Chairman considered that this item resolved itself into two parts:

1. Should the final documents be signed by all the Delegations, as was done at the Aeronautical Conference, and
2. If the Delegations signed the documents, what commitments would be implied.

- 4.2 Mr. Sundaram (India) pointed out that the Aeronautical Conference had presented a report signed by a Committee, so that the problem of the final signing had never arisen.

He asked if the Secretary would inform the Conference of what had happened at other ITU Conferences.

- 4.3 After a short discussion between the Chairman, the Secretary, and Mr. Nerurkar (India), it was disclosed that the Copenhagen Conference had been a Plenipotentiary Conference. The final documents had been signed by the Delegations, and these signatures had bound the National Administrations. At the Mexico City Conference, however, the Delegates did not have plenipotentiary powers, and so the documents signed were subject to the approval of the Administrations.

- 4.4 The Chairman observed that the Region 3 Conference was convened for the preparation of a list which was to be integrated by the PFB, which in turn, was to be approved by the Special Administrative Conference. Further, the Mexico Conference and the Copenhagen Conference dealt with independent services whereas the PFB and the regional conferences dealt with fixed circuits and in their operation no clear cut distinction at 4 Mc/s can be drawn.

- 4.5 Mr. Mirza (Pakistan) considered that it would be advisable for the final documents to be signed by all the Delegates, even though the documents would be subject to approval by the Administrations, because it might prevent difficulties from appearing later, and in a more acute stage.

- 4.6 Mr. Sundaram (India) pointed out that the preamble to the European Broadcasting Convention (Copenhagen, 1948) stated that the Convention and the annexed plan were "subject to ratification". In his opinion, this

* The numbering of this paragraph is one of convenience only.

meant they had to be ratified by Administrations.

- 4.7 Mr. Mumford (UK Colonies) said that, in the opinion of the United Kingdom Colonies, there was some misunderstanding concerning the status of the Regional conferences, and their relation to the PFB. It was the PFB's responsibility to prepare plans for the bands allocated to the PFB at Atlantic City and to prepare such other plans as might become necessary through the possible failure of the High Frequency Broadcasting Conference and the Aeronautical Conference.

The frequency bands to be dealt with by the Regional Conferences were outside the terms of reference of the PFB. The PFB's only responsibility concerning the other bands was to integrate into the new Frequency List all the plans produced by the various conferences. However, since the PFB was originally scheduled to complete its task before the Regional Conferences met, the integration could not be considered as being other than a mere formality.

He pointed out that Mr. Potts had expressed the same opinion in the Preparatory Committee (see PC Region 3 Document no. 61, para no. 6), and that the same point of view had been expressed in a letter signed by the Chairman of the Region 3 Conference to the Chairman of the PFB.

Furthermore, the UK Colonies Delegation wished to see the Region 3 plan implemented as early as possible and considered that the date of implementation should be stated in the Region 3 final documents, because, if the countries of Region 3 waited until this date was set by the Special Administrative Conference, the delay might be indefinite. It was unlikely that the Special Administrative Conference would meet on 17 October, 1949, as originally planned, and its convening might be postponed indefinitely.

- 4.8 Mr. Lalung-Bonnaire (French Overseas Territories) was of the opinion that the Atlantic City Regulations treated the regional and service conference lists and the PFB list only as partial lists to be compiled by the PFB and submitted for the approval of the Special Administrative Conference. Only after such approval could the Atlantic City table of frequency allocations come into force. In view of the likelihood of conflict between the various lists, they could not be put into operation separately.

- 4.9 Mr. Mirza (Pakistan) reiterated that all documents must be signed subject to change by either the PFB or, especially, the Special Administrative Conference, in view of the need to integrate the lists of each Conference.

- 4.10 Mr. Sundaram (India) considered that "integration" was more than a mere formality, in view of the need to eliminate harmful interference between Regions 1 and 3. He also felt that the Region 3 Conference could not infringe upon the duties of the PFB as set out in Articles 16, 17 and 18 of the Resolution Relating to the Preparation of the New International Frequency List.

In view of the fact that most of the Delegates did not have plenipotentiary power, the Region 3 plan could not be brought into force except by a Special Administrative Conference; only that conference could decide whether the Region 3 plan could be implemented before the work of the PFB was finished.

- 4.11 Mr. Searle (New Zealand) stated that the problem had no special difficulties for the New Zealand Delegation, as it had plenipotentiary powers.

He considered that if Region 3 produced a good plan, which they were prepared to implement, little would be gained by delay. His Delegation wished to see the Atlantic City Allocation Table in operation as soon as possible and hence he favoured the earliest possible implementation. This problem had special interest for New Zealand because his Administration wished to install the necessary new equipment as soon as possible. He stated, however, that he would follow the wish of the majority.

- 4.12 Mr. Mumford (UK Colonies) said that, in his opinion, Article 16 mentioned by the Delegate of India did not apply to the regional conferences. He drew the attention of the Conference to paragraph e) of Article 6 of the Annex to the Resolution Relating to the Preparation of the New International Frequency List, and the use in the official French text of the word "incorporating". He pointed out that "incorporation" and "integrating" appeared on p.29 of "Recommendations and Resolutions" of Atlantic City.

He supported the viewpoint of the Delegate of New Zealand that an agreed list should be signed by all Delegates, and added that the provisions of the list could not be changed except by the concurrence (and the signature) of all Region 3 countries. He felt that, if subsequent changes were necessary, all countries of Region 3 could meet and reach agreement.

- 4.13 Mr. Mirza (Pakistan) affirmed that the Conference could sign the final documents, and implement them, to the extent possible without necessarily committing themselves to it before the Special Administrative Conference met, but considered that they would be subject to change by the Special Administrative Conference.

He felt that the question of signing may be decided at the present Meeting, but that the question of implementation should be left until the Region 3 plan had been prepared and accepted.

- 4.14 The Chairman said that the discussion should be limited to the question of the signing of the final documents.

- 4.15 Mr. Mumford (UK Colonies) expressed the view that the signing depended on the substance of the final documents.

- 4.16 Mr. Lalung-Bonnaire (French Overseas Territories) observed that signing of documents was a mere formality of any conference. Signing with plenipotentiary powers was a different matter. The Delegates to the present Conference did not need plenipotentiary powers and it was difficult to say they were entitled to them when the Administrative Radio Conference at Atlantic City, which had made provisions for the meeting of the Region 3 Conference, was not a plenipotentiary conference.

Points 9 and 10 of Part VII of the report of the Preparatory Committee of the Region 3 Conference were drafted with the view that the final Region 3 plan would be submitted to the PFB and then to the Special Administrative Conference. The determination of the date of implementation was left to the Special Administrative Conference. He agreed, however, that certain parts of the plan could be put into effect immediately, but warned that chaos would result in the boundary zones and in the aeronautical service if the different plans, in their entirety, were put into effect separately.

- 4.17 Mr. Plakias (US Territories) stated that the substance of the final plan was more important to him because he would have to know what he was going to sign

before he asked for more special powers from his government. He said that he would have to reserve his comments until he knew the substance of the final plan.

- 4.18 The Chairman stated that from the statement in the Agenda he had not expected the substance of the final plan to be discussed at the present Meeting, but would open it to discussion if it were so desired.
- 4.19 Mr. Mumford (UK Colonies) explained to Mr. Lalung-Bonnaire that in the 2nd meeting of the Plenary Assembly of Region 3 (see Doc. 24, para no. 3.3), the Conference had adopted the report of the Preparatory Committee as a "guide" which could be "modified or amended if desired". Therefore, the recommendations contained in that Report were not binding on the Region 3 Conference. As for the coordination of plans between Regions, he felt that it should be easy to consult with Region 1.

He suggested that the discussions be continued the following week, when the Delegates would have had time to consider the matter and consult with their Administrations.

- 4.20 Mr. Lalung-Bonnaire (French Overseas Territories) pointed out that there was agreement on having all Delegations sign the final documents and on putting the plan into operation. As to the latter, Mr. Mumford (UK Colonies) wanted the entire plan put into operation at an early date, while he (Mr. Lalung-Bonnaire) was willing to have put into operation "the largest possible part" of the plan which would not cause interference to other regions or services. The difficulty, therefore, was only in application.

- 4.21 Mr. Mirza (Pakistan) proposed:

1. That all final documents be signed, and
2. That the commitments implied by the signatures be left to the decision of a Plenary Assembly, after the final plan had been presented.

He observed that any Delegation could refuse to sign the final documents, or could make reservations if it saw fit.

- 4.22 Mr. Mumford (UK Colonies) could not agree to delaying the discussion on the substance of the Plan until the final documents were presented. He proposed that the question be postponed only until the next Plenary Assembly.
- 4.23 Mr. Searle (New Zealand) supported the UK Colonies' proposal and point of view, because he felt that Delegations should know beforehand what their signatures would imply.
- 4.24 After a discussion among the Chairman, Mr. Mumford (UK Colonies), Mr. Mirza (Pakistan), Mr. Plakias (US Territories), Mr. Sundaram (India) and Mr. Lalung-Bonnaire, (French Overseas Territories), it was decided that the discussion on the question of the form and substance of the final documents should be postponed to the next Plenary Assembly.

5. Item 5 of the Agenda: Any other business.

- 5.1 Mr. Searle (New Zealand) asked that the Assembly approve three Committee 3 documents, R3 Documents no. 89 (addendum), 100 (revised) and 115.

- 5.2 Document no. 89 (addendum) was approved without comment or objection.
- 5.3 After a short discussion, between Mr. Searle (New Zealand), Mr. Creighton (UK Colonies) and Mr. Minners (US Territories) it was decided to postpone consideration of Documents no. 100 (revised) and 115 until the next Plenary Assembly.
- 5.4 Mr. Creighton (UK Colonies) asked that in the future all documents to be discussed, and meetings of Committees, be notified in advance.
- 5.5 The Chairman presented Document 81 corrigendum. This document was approved without objections or comments.
- 5.6 Mr. Verboeket (Indonesia) pointed out to the Secretariat that the above-mentioned document should not have been numbered 81 corrigendum until it had been approved by the Plenary Assembly.

The Chairman closed the Meeting at 0045 hours on 28 August, 1949.

Rapporteurs:

G. A. Coddington

G. M. Forrest

Secretary:

A. K. Dobbie

Chairman:

S. S. Moorthy Rao

Administrative Radio Conference

for Region 3
GENEVA, 1949

Region 3 - Document N° 131-E
8 August, 1949.

COMMITTEE 5

TROPICAL BROADCASTING GROUP

OF COMMITTEE 5

In accordance with the decision of the Working Group in its meeting on the 4th August, 1949, the permissible interfering transmitter powers for various degrees of protection and for various powers of the desired transmitter were worked out by Mr. K. Venkataraman using the basic F.I. tables prepared by the Propagation Group of Committee 3. The data is annexed hereto.

B. Y. NERURKAR

Chairman

TABLE SHOWING THE PERMISSIBLE POWER (WATT) (0.001 TO 500 W) FOR INTERFERING TRANSMITTERS SITUATED AT DIFFERENT DISTANCES FROM THE DESIRED TRANSMITTER FOR VARIOUS DEGREES OF PROTECTION. THE FIGURES GIVEN ARE FOR DIFFERENT POWERS OF THE DESIRED TRANSMITTER FOR A FREQUENCY OF 3.5 Mc/s DURING NIGHT CONDITIONS

Power of desired transmitter (kW)	Assumed service range (km)	F.I. at limit of service range (db above 1 μV/m)	Distance of interfering transmitter from the desired transmitter (km)										
			800	1200	1600	2000	2400	2800	3200	3600	4000	4800	6400
Permissible power of interfering transmitter (db above 1 μV/m)													
DESIRED PROTECTION RATIO : 25 db													
0.1	400	46	- 35	- 30	- 23	- 20	- 16	- 12	- 9	- 6	- 4	+ 1	+ 9
1.0	400	56	- 25	- 20	- 13	- 10	- 6	- 2	+ 1	+ 4	+ 6	+ 11	+ 19
5.0	800	58	-	- 23	- 18	- 11	- 8	- 4	0	+ 3	+ 6	+ 10	+ 17
10	800	58	-	- 20	- 15	- 8	- 5	- 1	+ 3	+ 6	+ 9	+ 13	+ 20
20	800	58	-	- 17	- 12	- 5	- 2	+ 2	+ 6	+ 9	+ 12	+ 16	+ 23
50	800	58	-	- 13	- 8	- 1	+ 2	+ 6	+ 10	+ 13	+ 16	+ 20	+ 27
DESIRED PROTECTION RATIO : 30 db													
0.1	400	46	- 40	- 35	- 28	- 25	- 21	- 17	- 14	- 11	- 9	- 4	+ 4
1.0	400	46	- 30	- 25	- 18	- 15	- 11	- 7	- 4	- 1	+ 1	+ 6	+ 14
5.0	800	58	-	- 28	- 23	- 16	- 13	- 9	- 5	- 2	+ 1	+ 5	+ 12
10	800	58	-	- 25	- 20	- 13	- 10	- 6	- 2	+ 1	+ 4	+ 8	+ 15
20	800	58	-	- 22	- 17	- 10	- 7	- 3	+ 1	+ 4	+ 7	+ 11	+ 18
50	800	58	-	- 18	- 13	- 6	- 3	+ 1	+ 5	+ 8	+ 11	+ 15	+ 22
DESIRED PROTECTION RATIO : 35 db													
0.1	400	46	- 45	- 40	- 33	- 30	- 26	- 22	- 19	- 16	- 14	- 9	- 1
1.0	400	58	- 35	- 30	- 23	- 20	- 16	- 12	- 9	- 6	- 4	+ 1	+ 9
5.0	800	58	-	- 33	- 28	- 21	- 18	- 14	- 10	- 7	- 4	0	+ 7
10	800	58	-	- 30	- 25	- 18	- 15	- 11	- 7	- 4	- 1	+ 3	+ 10
20	800	58	-	- 27	- 22	- 15	- 12	- 8	- 4	- 1	+ 2	+ 6	+ 13
50	800	58	-	- 23	- 18	- 11	- 8	- 4	0	+ 3	+ 6	+ 10	+ 17
DESIRED PROTECTION RATIO : 40 db													
0.1	400	46	- 50	- 45	- 38	- 35	- 31	- 27	- 24	- 21	- 19	- 14	- 6
1.0	400	56	- 40	- 35	- 28	- 25	- 21	- 17	- 14	- 11	- 9	- 4	+ 4
5.0	800	58	-	- 38	- 33	- 26	- 23	- 19	- 15	- 12	- 9	- 5	+ 2
10	800	58	-	- 35	- 30	- 23	- 20	- 16	- 12	- 9	- 6	- 2	+ 5
20	800	58	-	- 32	- 27	- 20	- 17	- 13	- 9	- 6	- 3	+ 1	+ 8
50	800	58	-	- 28	- 23	- 16	- 13	- 9	- 5	- 2	+ 1	+ 5	+ 12

COMMITTEE 1

Report of the Steering Committee

15th Meeting, 5 August, 1949.

The Meeting was opened at 10.00 hours by the Chairman, Mr.S.S.Moorthy Rao.

1. Item 1 of the Agenda : Setting a Date for a Meeting of the Plenary Assembly.

1.1 The Chairman pointed out to the Committee the fact that there were a number of very important meetings of the P.F.B. the next week and that the heads of four Delegations would be directly involved in them.

1.2 Mr. Verboeket (Indonesia) and Mr. Searle (New Zealand) asked that a very short Plenary Assembly Meeting be held in order to consider Document 100 (revised). The latter drew the Committee's attention to the importance of that document for the work of Committee 5. He felt that since the document had been accepted unanimously by Committee 3 any difference of opinion, as had been suggested by the U.K. Colonies, should be examined in the Plenary Assembly, rather than by Committee 3.

1.3 After a short discussion between the Chairman, Mr. Searle, Mr. Verboeket and Mr. Dobbyn (Australia) it was decided to request the Delegate of the U.K. Colonies to hand to the Secretariat, if possible, his proposed amendments to Document 100 (revised) so that copies could be distributed in advance of the meeting, and so save the time of the Assembly.

1.4 On a proposal by Mr. Verboeket (Indonesia) it was decided to hold a short continuation of the 7th Plenary Assembly on Wednesday the 10th of August at 09.00 hours, with an Agenda restricted to the following two items: 1. Approval of Document 100 revised, Report of Working Group 4 to the Chairman of Committee 3. - 2. Any other urgent business.

The Chairman closed the Meeting at 10.25 hours.

Rapporteur :

G.A. Coddling.

Secretary :

A.K. Dobbie

Chairman :

S.S. Moorthy Rao.

PROPOSAL OF THE UNITED STATES TERRITORIES DELEGATION
ON " ALLOCATION TO THE AMATEUR SERVICES IN THE BANDS
1800 - 2000 kc/s and 3500 - 3900 kc/s IN REGION 3."

I. The band 1800 - 2000 kc/s .

considering that :

- a) The Atlantic City Radio Regulations authorize the Amateur, Fixed, Mobile (except Aeronautical Mobile), and the Radio-Navigational Service to employ whichever of the two bands, 1800 - 1900 kc/s, or 1900 - 2000 kc/s is not required for Loran in any particular area, on condition that they do not cause harmful interference to Loran;
- b) Both these bands, 1800 - 1900 and 1900 - 2000 kc/s, are used by Loran in Region 3;
- c) Studies made by the United States on the problem of sharing among these authorized services (Amateur, Fixed, Mobile, except Aeronautical Mobile, and Loran) indicate that sharing in the same areas can not be effected without interference to the existing Loran system;
- d) The Region 2-FIAR Conference decided to sub-allocate the band 1800 - 2000 kc/s for the use of the Amateur Service on a non-interference basis to Loran;
- e) A certain degree of uniformity in Amateur allocations among the various regions of the ITU is desirable;

The United States Territories Delegation proposes that for Region 3 the band 1800 - 2000 kc/s be shared between Loran and the Amateur Service on a non-interference basis to Loran under the following conditions :

- 1) The Amateur Service may use in any area whichever bands, 1800 - 1825, and 1875 - 1900 kc/s, or 1900 - 1925, and 1975 - 2000 kc/s, are not

required for Loran in that area*. The use of these frequencies by the Amateur Service shall not be a bar to the expansion of Radionavigation (Loran) Service.

- 2) The Amateur Service shall not cause harmful interference to the Radionavigation (Loran) Service.
- 3) Only classes A1 and A3 emissions shall be employed.
- 4) Amateur operation shall be limited to the following powers :

Night - 50 watts
Day - 200 watts
- 5) In any particular area the Loran System of Radionavigation operates either on 1850 or 1950 kc/s, the band occupied being 1800 - 1900 kc/s or 1900 - 2000 kc/s.

It should be noted that the areas in which the Amateur Service is permitted to operate and the power it is permitted to use are based upon the existing Loran System in Region 3, and the maximum permissible interfering signal to the Loran skywave signal at maximum service range. It should also be noted, that the tolerable degree of interference can only be determined by actual operation. Furthermore, the Loran System may be expanded in specific areas. Either, or both of these factors may operate to require revision of the above stated conditions.

* The service areas of the existing Loran System in Region 3 are approximately as follows :

<u>Loran Chain</u>	<u>Frequency Band</u>	<u>Service Area</u>
Japan	1800-1900	Area enclosed by arcs of 1500 nautical miles radii from Oshima (30°-40'-36"N, 139°-26'-33"E), Okinawa (26°-23'-49"N, 128°-00'-04"E) and Iwo Jima (24°-48'-26"N, 141°-17'-30"E).
Philippines	1900-2000	Area enclosed by arcs of 1500 nautical miles radii from Naulo Pt., Luzan (15°-42'-22"N, 119°-53'-45"E) Talampulan Il. (12°-07'-54"N, 119°-50'-31"E) Tarumpitao Pt., Palamar (9°-02'-51"N, 117°-37'-44"E).
Marianas	1800-1900	Area enclosed by arcs of 1500 nautical miles radii from Ulithi (10°-04'-14"N, 139°-40'-24"E), Cocos Il., Guam (13°-13'-42"N, 144°-38'-40"E), and Saipan (15°-07'-50"N, 145°-41'-40"E).
Marshalls	1900-2000	Area enclosed by arcs of 1500 nautical miles radii from Kwajalein (09°-00'-52"N, 167°-43'-52"E), Majiwo (7°-13'-01"N, 171°-04'-30"E), and Makin (3°-16'-20"N, 172°-40'-36"E).

II. The band 3500 - 3900 kc/s.

considering that :

- a) In Region 3 the Atlantic City Radio Regulations authorized the Amateur, fixed and Mobile Services to operate in the band 3500 - 3900 kc/s;
- b) Studies made by the United States on the problem of sharing among these authorized services (Fixed, Mobile and Amateur) have developed the following conclusions :
 - 1) A uniform sub-allocation to the Amateur Service is desirable in Region 3.
 - 2) A uniform sub-allocation to the Amateur Service in this band is desirable between Regions 2 and 3.
 - 3) There is sufficient Amateur operation in Region 3 to warrant sub-allocation of space to this service.
 - 4) General sharing of the band 3500 - 3900 kc/s by the Amateur, Fixed and Mobile Services would cause wide spread mutual interference.
- c) It was considered desirable in Region 3 to sub-allocate the band 3500 - 3900 kc/s exclusively to the Amateur Service with the Fixed and Mobile Services operating on a non-interference basis.

The United States Territories Delegation proposes that for Region 3 the band 3500 - 3900 kc/s be allocated exclusively to the Amateur Service in Region 3, and that the Fixed and Mobile Services, except for Aeronautical Mobile (R), be permitted to operate, provided they do not cause harmful interference to the Amateur Service.

J. N. Plakias,
Chairman,
Delegation of the U.S. Territories

COMMITTEE 4

REPORT OF THE REQUIREMENTS COMMITTEE

8th Meeting, held on 3 August 1949

The Chairman, Mr. Mirza, opened the Meeting at 21.45 hours.

1. Item 1 of the Agenda: Approval of Document N° 117, Draft Final Report.

1.1. The Chairman opened discussion on Document N° 117.

1.2. Mr. Creighton (U.K. Colonies) drew the attention of the Committee to the date appearing in paragraph N° 6, and stated that it was his Delegation's opinion that all requirements should be considered up to the time the plan was implemented.

He then asked for an explanation of paragraph N° 7.1.4.

1.3. The Chairman replied that the date in paragraph 6 had been decided in Committee 4. The final report of the Chairman was merely a factual report of the work done in the Committee, and the question itself was not reopened for discussion.

As to paragraph N° 7.1.4., the Chairman said that it would take into account any frequencies falling under Article 16 of the Resolution Relating to the Preparation of the New International Frequency List, which should be dealt with by the Regional Conference.

1.4. Mr. Creighton (U.K. Colonies) asked whether paragraph N° 7.1.5. did not cover all that was indicated in paragraph N° 7.1.4. as it even mentioned the Circuit Planning Group of the P.F.B.

1.5. Mr. Sundaram (India) explained that the requirements covered by paragraphs N°s 7.1.4. and 7.1.5. (a) were different. The P.F.B. had set a deadline date for requirements to be submitted for inclusion in the first Draft List. Circuits activated after that date and notified to the P.F.B. would be dealt with according to Article 16. It was possible that some of the requirements filed with the P.F.B. for being dealt with under Article 16 fell in the regional bands. Since the Regional Conference had fixed a deadline date much later than the P.F.B., and as these requirements had been filed with the I.T.U. before this deadline date, the Conference should legally deal with these requirements now with the P.F.B., waiting to be dealt with under Article 16. These were referred to in paragraph N° 7.1.4.

1.6. Mr. Dreighton (U.K. Colonies) said that paragraph N° 7.1.5. inferred that the Conference could accept block requirements coming from other Conferences. He reminded the Committee that the U.K. Colonies Delegation was of the opinion that the Conference could only consider requirements submitted by National Administrations.

1.7. After a short discussion between Mr. McDonald (Australia), Mr. Sundaram (India), Mr. Plakias (U.S. Territories), Mr. Rao (India) and Mr. Verboeket (Indonesia), it was decided that paragraph N° 9.2. should reflect more clearly the directives of the Plenary Assembly (see Document N° 120, paragraph N° 2.4.60.). Therefore paragraph N° 9.2. was amended to read as follows:

"The Committee dealt with the requirements for the Korean Peninsula in conformity with the following directive from the Plenary Assembly:

'.....frequencies will be assigned to the Republic of Korea in accordance with its requirements already submitted. In making assignments to all other countries, note will be taken of the list of requirements submitted by the Popular Democratic Republic, merely with a view to avoiding harmful interference. Committee 4 will refer the requirements of the Popular Democratic Republic of Korea to Committee 5'".

1.8. Mr. Creighton (U.K. Colonies) stated that it was the opinion of the U.K. Colonies that paragraph N° 13 on page 6 was not correct in that the General Secretariat was not in a position to take action on requirements received after the fixed date.

1.9. The Chairman explained that some machinery had to be in existence to take care of any requirements submitted after the Region 3 Conference ended.

1.10. Mr. Creighton (U.K. Colonies) felt that the paragraph should be deleted and the question be brought before the Plenary Assembly for its decision.

1.11. Mr. Sundaram (India) pointed out that Committee 4, in its terms of reference (see report of the Preparatory Committee of the Region 3 Administrative Radio Conference, page 34, paragraph N° 2.4., subparagraph 3), was given the task of making "recommendations to the Conference regarding the method of disposing of requirements received after the deadline date that the Conference may set for the receipt of requirements". Therefore, to discharge Committee 3's terms of reference, this paragraph should remain.

1.12. The Chairman said that it was felt that after the Conference was finished the General Secretariat could make any arrangements necessary for handling requests for frequencies which would arrive.

1.13. Mr. Creighton (U.K. Colonies) stated that paragraph N° 13 was not a definite recommendation and asked that some definite recommendation be substituted.

1.14. Mr. Sundaram (India) drew the attention of the Committee to a similar case in the Aeronautical Conference. At the end of its first session, in which the OR requirements were dealt with, that Conference recommended that any OR requirements received after the list was complete would be

forwarded to the I.F.R.B. to be dealt with according to its statutes.

1.15. In answer to a question from Mr. Sundaram (India), Mr. Cooke (U.S. Territories) said that the two requirements received from its Administration were not new but merely confirmations of frequencies already filed and included in the list.

1.16. Mr. Lalung-Bonnaire (French Overseas Territories) considered that paragraph N° 14 should not mention "cards" because preparation of the cards was to be the task of Committee 5. He felt the phrasing should read "the basic list has been passed to Committee 5 for preparation of the cards".

1.17. Mr. Rao (India) suggested that paragraph N° 14 begin with the following words: "As the basic list has been passed to Committee 5 for appropriate action, it is considered,...."

1.18. Mr. Plakias (U.S. Territories) asked that on page 2, paragraph N° 2.4.2., line 2, (U.S.A.) read (U.S.A. Territories).

1.19. In reply to a request from Mr. Verboeket (Indonesia), the Chairman repeated his wording of the recommendation as follows:

"The Committee has not received, up to now, any requirements for any country after the date set by the Conference. However, if this should occur while the Conference is still in session, they will be brought to the notice of the Plenary Assembly for appropriate action. If any new requirements are received after the Conference has finished its work they will be dealt with by the General Secretariat as may be appropriate."

1.20. Mr. Rao (India) pointed out that the wording was not quite accurate in view of the fact that some requirements had been received and used after the fixed date. (See Document N° 103, page 5, paragraph N° 5).

1.21. After a brief discussion between the Chairman, Mr. Sundaram (India) and Mr. Verboeket (Indonesia), it was decided that Committee 2 would redraft the paragraph, taking into account all the points of view presented.

1.22. The Chairman then expressed his thanks to Mr. Sundaram, Mr. Margolf, Mr. Cooke, Mr. Dobbyn, Col. Shahani, and all the members of the Committee for their valuable assistance and cooperation.

The Chairman drew the attention of the Committee to the one report which remained for their approval. He suggested that any necessary amendments could be discussed in the Plenary Assembly; therefore there was no need for the Committee to continue its existence.

1.23. Mr. Searle (New Zealand) agreed with the Chairman's viewpoint and proposed that he (the Chairman) inform the Plenary Assembly that in view of the completion of its terms of reference, the Committee considered that its work was finished.

There being no objections, it was so decided.

1.24. Mr. Searle (New Zealand) expressed the appreciation of the Committee for the work of its Chairman. Speaking for New Zealand, Mr. Searle thanked the Chairman wholeheartedly for his efforts in making the work of Committee 4 effective. The value of the lists which were sent in due time to Committee 5 was apparent.

Speaking personally, Mr. Searle moved a sincere vote of thanks to Mr. Mirza for his work as Chairman of the Committee.

This was carried by the Meeting.

The Meeting was closed at 22.30 hours.

Rapporteur:

G.A. CODDING

Secretary:

A.K. DOBBIE

Chairman:

M.N. MIRZA

SCHEDULE OF MEETINGS
for the period 15 to 20 August, 1949.

Every day, from 09.00 to 12.30 and from 14.00 to 19.00 hours
(except on Saturday afternoon)

Working Groups

Tuesday, 16 August

16.00 hours	Plenary Session (Continuation of 7th Plenary Session)	Room 4
-------------	---	--------

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE, 1949

Région 3 - Document N°135-F
11 août 1949

HORAIRE DES SEANCES
du 15 au 20 août 1949.

Tous les jours, de 9 heures à 12h.30 et de 14.00 à 19.00 heures
(sauf le samedi après-midi)

Groupes de travail

Mardi 16 août

16 heures	Séance plénière (Continuation de la 7e séance plénière)	Salle 4
-----------	---	---------

COMMITTEE 1

Report of the Steering Committee

16th Meeting - 10 August, 1949.

The Meeting was opened at 12.00 hours by the Chairman, Mr. S.S. Moorthy Rao.

1. Item 1 of the Agenda : Consideration of the decision taken by Region 1 concerning the sharing of reporting expenses between Region 3 and Region 1 Conferences.

1.1 The Secretary drew the attention of the Committee to Region 1 Document 189 (Report of the Finance Committee) in which the Chairman of the Finance Committee had proposed a change in the basis of sharing the expenses of the minute writers and typists between the two Regional Conferences. Although this had initially been decided to be on a 50 - 50 basis, Region 1 had decided during that meeting (R.1 Document 189, paragraphs 6 and 7), in order to cut down the expenses of Region 1, to apportion the expenses for minute-writing on the basis of the number of stencils used.

The Secretary considered that to arrive at a really accurate division of reporting expenses would be very difficult and would probably not be worth while as the final result would be quite close to 50 - 50, the opinion held equally by the Secretary of the Region 1 Conference.

As to the number of stencils used for the minutes of Plenary Sessions and Steering Committee meetings, the Secretary stated that Region 1 had ~~to~~ date used 117, while Region 3 had used 77.

1.2 Mr. Verboeket (Indonesia) saw no objection to dividing the expenses according to the stencils used, unless it caused too great a book-keeping difficulty.

1.3 The Chairman agreed with Mr. Verboeket, but pointed out that the problem was larger; it was a problem of a lack of liaison between the Finance Committees of the various Conferences.

1.4 Mr. Searle (New Zealand) considered that a reasonable division of expenses was the main difficulty and suggested that the problem be discussed with the Chairmen of the other Conferences.

1.5 It was decided that the Chairman should write a letter to the Region 1, P.F.B. and Aeronautical Conference informing them that some agreement should be reached on the question of finance, and to the Secretary General asking him to draft a common document containing all items of common expenditure for the four Conferences together with a basis for dividing such expenses. This finance document could then be discussed at a meeting of the Chairmen and Vice-Chairmen of the Conferences and changed if necessary.

Mr. Lalung-Bonnaire and Mr. Verboeket agreed to aid the Chairman in drafting the letter.

2. Item 2 of the Agenda : Any other business.

- 2.1 Mr. Lalung-Bonnaire (Chairman of Committee 5) explained that he had discussed the matter of speeding up the work of Committee 5 with the Coordination Group, and it had agreed to his suggestion that the Committee recruit one extra person for the Secretariat. He then asked the Committee to approve his suggestion.
- 2.2 The request by Mr. Lalung-Bonnaire was approved.
- 2.3 Mr. Sundaram (India) announced that Mr. Mirza, the Chairman of Committee 4, was leaving shortly and had asked Mr. Sundaram, as Vice-Chairman, to assume the duties of Chairman.
- 2.4 The Chairman stated that the Committee would note that fact and that he would mention it in the next Plenary Assembly.
- 2.5 After a discussion between the Chairman, Mr. Sundaram (India), Mr. Searle (New Zealand) and Mr. Verboeket (Indonesia) it was decided to hold the third part of the 7th Plenary Session on the 16th of August at 16.00 hours.
- 2.6 In view of the fact that some delegates had extensive corrections to make to the minutes of the 5th Plenary Session, it was decided that the Reporter get into touch with interested delegates to draft the necessary amendments for presentation to the Plenary Assembly.

The Meeting was closed at 12.45 hours.

Rapporteur :

G.A. Coddling

Secretary :

A.K. Dobbie

Chairman :

S.S. Moorthy Rao

AGENDA

for the 3rd part of the 7th Plenary Session
to be held on Tuesday 16th August, at 16.00 hours in Room 4.

-
1. Approval of Document 89, Addendum II, Report 3 of the Technical and Operational Committee.
 2. Approval of Document 115, Third Report of Working Group 4 to the Chairman of Committee 3.
 3. Approval of Document 116, Fourth Report of Working Group 4 to the Chairman of Committee 3.
 4. Committee 3 - Completion of terms of reference.
 5. Approval of the Minutes of the 6th Plenary Assembly (Doc. 130).
 6. Examination of the problem of Tropical Broadcasting.
 7. Consideration of the form of the final documents of the Conference.
-

ORDRE DU JOUR

de la 3e partie de la 7e Séance plénière
du mardi 16 août à 16.00 heures dans la Salle 4

-
1. Approbation du document 89 Addendum II, 3e Rapport de la Commission des principes techniques et d'exploitation.
 2. Approbation du document 115, 3e Rapport du Groupe de travail 4 au Président de la Commission 3.
 3. Approbation du document 116, 4e Rapport du Groupe de travail 4 au Président de la Commission 3.
 4. Commission 3 - Achèvement de son mandat.
 5. Approbation du procès-verbal de la 6e Séance plénière (Doc.130).
 6. Examen du problème de la Radiodiffusion tropicale.
 7. Examen de la présentation des documents finals de la Conférence.
-

for Region 3
GENEVA, 1949.

COMMITTEE 5

REPORT BY THE COMMITTEE
FOR THE ALLOCATION OF FREQUENCIES

8th MEETING

held on

3rd AUGUST, 1949.

1. The Chairman, Mr. Lalung-Bonnaire opened the Meeting at 22.55 hours and announced that there were three documents other than document 121, which alone appeared on the agenda, which should be considered at the meeting. Since there were no objections it was decided to consider the following Region 3 documents also:
 1. Document No.93 - Report of the 5th Meeting of Committee 5.
 2. " No.95 - Report of the 6th Meeting of Committee 5.
 3. " No.109 - Report of the 7th Meeting of Committee 5.
2. Document No.93 was approved subject to the following amendment:
 - 2.1. Mr. Wang (China) asked that his statement in paragraph No. 2, lines 11, 12 and 13 read as follows -

"His second point was that the block for indicating 'Hours (G.M.T.)' should, if possible, indicate both hours of operating the circuit and of operating the frequency".
3. Document No. 95 was approved without amendment.
4. Document No. 109 was approved without amendment.
5. Item 1 of the Agenda : Consideration of Document No.121. Report of the Special Working Group on Tropical Broadcasting.
 - 5.1. The Chairman then gave the reasons which had led to the establishment of a special group for the purpose of studying Tropical Broadcasting.
 1. It had been realised that normal allocations could not be made for the services because of the great number of requirements. The protection ratio had fallen to zero or negative.

2. Allocation work was stopped and a special Working Group of two members of countries outside the Tropical Broadcasting area, who would have an objective approach, had been appointed to study the question.
3. Document 121 was the survey of the question made by these two men.

The Chairman then expressed his appreciation to the two members of the Group, Mr. Hase and Mr. Searle, and opened discussion on the document.

- 5.2. Mr. Nerurkar (India) said "I would also like to join the Chairman in his appreciation of the work of Mr. Hase and Mr. Searle who, in the short time available to them had made great endeavours to study the problem, the seriousness of which could not be overestimated. The issues raised in Document 121 are very important and a very detailed discussion would have to take place. It is my feeling however that a general discussion on the document in the main Committee should rather be avoided and this discussion should take place across a smaller table among all the countries interested in Tropical Broadcasting. Document 121 contained a certain approach to the problem. It is possible that there may be other approaches too. If the discussion therefore is to be fruitful and effective, it would be desirable to conduct it in a smaller group when it would be possible to make a detailed analysis of all possible approaches in relation to the actual picture of requirements. Such a course of action would also have the possibility of knowing and appreciating the conditions or difficulties that qualify requirements of various countries - and these are bound to be peculiar to each specific case - and this would further enable us to crystallise our ideas and thoughts and take such decisions as are necessary. With the goodwill and understanding that exist among the members of Region 3, no difficulties, if dealt with in this manner, would be unsurmountable. I would like to add however that my delegation would be quite prepared to discuss the document in question here and now if so desired by the Committee but I merely wish to make this suggestion, which I believe, if agreed to, would contribute to the success of our work."

- 5.3. The Chairman reminded the Committee that the next step in the work was the allocation of frequencies in the shared bands above 1600 kc/s. Since Tropical Broadcasting had a priority in these bands in the Tropical regions any further delay in deciding the question of Tropical Broadcasting would only retard the termination of the Conference and, if they were unsuccessful, the success of the Conference would be in danger.

- 5.4 After hearing the Chairman's remarks, Mr. Nerurkar (India) wished to supplement his previous statement by adding that he was well aware that the question of Tropical Broadcasting was both a serious one and an urgent one. The suggestion that he made was with the best of intentions to expedite the solution rather than delay it.
- 5.5 Mr. Searle (New Zealand) stated that New Zealand did not desire to enter into the discussion at any length, or any question concerning the Tropical Zone. However, speaking as a member of the special group he suggested that the discussions should be restricted to general principles. In his opinion the basic problem was to establish the general principles; after this was done the technical work would cause no difficulties.
- 5.6 Mr. Siddiki (Pakistan) agreed with Mr. Nerurkar that document 121 should be discussed by a small group of the countries concerned, for only these countries had first hand knowledge of the special questions involved. He also was afraid that some parts of document 121 were not practical and therefore should be studied carefully.
- 5.7 Mr. Creighton (U.K. Colonies) supported the proposal of the delegate of India (see para. No 5.2.). He said that although he had supported the view that the region could cooperate on a zonal basis, he was rapidly coming to the conclusion that it would not be an effective operation in the shared bands. Therefore a working group should be set up to study all the Region 3 bands and have the power to sub-divide into smaller groups. He agreed with the Chairman, that the Tropical Broadcasting problem was just one complication in the shared bands and cited the fixed service as another.
- 5.8 Mr. McDonald (Australia) considered that the proposed Working Group occupy itself only with Tropical Broadcasting, as the progress of the Conference depended on a solution to this problem.
- 5.9 Mr. Nerurkar (India) stated that his delegation was in general agreement with the proposal of the U.K. Colonies, but realising the urgency of the problem it was necessary for the Working Group to undertake, as soon as possible, the Tropical Broadcasting question. He asked that Mr. Creighton modify the U.K. Colonies proposal to this effect.
- 5.10 Mr. Creighton (U.K. Colonies) agreed with the suggestion from the delegate of India but warned that the Working Group would probably be confronted by many more problems after it had begun its work.
- 5.11 After a discussion between the Chairman, Mr. Nerurkar (India) Mr. Creighton (U.K. Colonies), Mr. Verboeket (Indonesia) and Mr. Siddiki (Pakistan) it was decided to establish a Working Group with the following terms of reference.

"To study the problems of assignments to the Services in the shared bands 2.3 to 2.5 Mc/s and 3.2 to 3.4 Mc/s and recommend concrete generally agreed assignment plans for Tropical Broadcasting in these bands. Document N° 121 and any other information which is available to the group should be taken into account".

- 5.12 In reply to a question from Mr. Chung (China), Mr. Verboeket (Indonesia) explained that the group would consider Fixed and Mobile service requirements but would draw up a detailed plan for Tropical Broadcasting only.
- 5.13 After a discussion in which the Chairman, Mr. Dobbyn (Australia), Mr. Verboeket (Indonesia), Mr. Nerurkar (India), Mr. Creighton (U.K. Colonies), Mr. Siddiqi (Pakistan) and Mr. Minners (U.S. Territories) took part, it was decided to direct the Working Group "to report to Committee 5 as soon as possible, and not later than the 15th August".
- 5.14 The Chairman asked Mr. Searle (New Zealand) to become the Chairman of the Group.
- Mr. Searle explained that he realised the importance of the work to the success of the Conference, but after considering the problem he had come to the conclusion that it was not a technical question but a more general one dealing with populations, land areas, language questions etc. Since higher level issues had to be resolved first before going into technical details, he did not believe that he should accept the Chairmanship of the Group.
- 5.15 Mr. Rao (India) agreed that the question was not technical but a matter of give and take in which administrations were involved. He then proposed that the Group be formed with one member from each interested delegation and that the Group elect its own Chairman.
- 5.16 After a short discussion between the Chairman, Mr. Rao (India), Mr. Mirza (Pakistan), Mr. Mumford (U.K. Colonies) and Mr. Searle (New Zealand) it was decided to adopt the proposal of Mr. Rao (see para N° 5.14).

The following delegations asked to participate in the Working Group :

1. Indonesia (Mr. Verboeket)
2. Philippines (Mr. Alvendia)
3. Pakistan (Mr. Siddiqi)
4. United Kingdom Colonies (Mr. Creighton)
5. China (Mr. Chung)
6. Australia (Mr. Dobbyn)
7. India (1 member)
8. U.S. Territories (1 member)

The first meeting of this Working Group was scheduled for 10 00 hours the 4th August in Room 4.

A suggestion by Mr. Verboeket (Indonesia), that Mr. Searle and Mr. Hase be present at the first meeting of the Working Group was accepted by those named and by the Committee.

5.17 The Chairman drew the attention of the Meeting to the Region 3 un-numbered document referring to the statistics requested by the Working Group. He asked all delegates to submit the forms as soon as possible to the Working Group just instituted. He explained that the forms could be filled in in a uniform manner before consolidation.

5.18 The Chairman closed the meeting at 00 45 hours, 4th August.

Rapporteur :
G.A. Coddling

Chairman :
Mr. J. Lalung-Bonnaire.

TROPICAL BROADCASTING GROUP

FIRST REPORT

1. The Tropical Broadcasting Group was constituted by Committee 5 in its 8th meeting held on 3rd August 1949 and was given the following terms of Reference:

"To study the problems of assignments to services in the shared bands 2.3 to 2.5 Mc/s and 3.2 to 3.4 Mc/s and recommend concrete generally agreed assignment plans for Tropical Broadcasting in these bands. Doc. No.121 and any other information which is available to the group should be taken into account."

2. The group held four meetings so far on the following dates:

1st meeting	...	4th August 1949
2nd "	...	8th " "
3rd "	...	16th " "
4th "	...	17th " "

3. In the first meeting, the group took advantage of the presence of Mr. Searle and Mr. Hase, the authors of Doc. No.121, and listened to a further elaboration by Mr. Searle of the various suggestions made in the document. Mr. Searle indicated to the group that in his opinion, the solution of the problem lay not in technical principles alone but in adopting other general principles.

Opinions were divided as to the nature of general principles and to what extent a detailed discussion could take place on the same.

The Chairman proposed that each delegation should present its requirements and explain all the qualifying considerations that were considered relevant in justification of the same, in the next meeting. It was agreed further that no discussion should take place on the merits or otherwise of any particular qualifications of any one country on that occasion nor could any comparisons be drawn between one country and another, as each country was perfectly entitled to hold its own views. The proposal was made purely to give an opportunity to all delegations to understand and appreciate the problems or difficulties of every other country.

4. In its second meeting, the group listened to statements of each delegation on the requirements of their respective countries. Factual information on the quantity, possibilities of reductions in power or quantity, possibilities of transfers of requirements from the 3 Mc/s to the 2 Mc/s band were all commented upon individually and delegations were requested to make a note of the same.

The Chairman then requested all delegations to think over the case of each country and make tentative assignments as they thought best. He took upon himself the task of coordinating such proposals and of putting up a concrete proposal to the whole group as soon as possible.

However, it had happened during the 2nd meeting of the group that maximum possible reductions either by "consolidation" or by transfer of requirements from the 3 Mc/s to the 2 Mc/s band had already been offered by various delegations.

It was evident in that meeting as also during informal discussions among the members of the group that there was no useful purpose in pursuing this approach. It appeared therefore that lowering of technical standards was the only approach that could be investigated as the next step.

5. The Chairman received a proposal from India on the basis of equitable reductions in the number of requirements and the transfer of some requirements from the 3 Mc/s to the 2 Mc/s band.

The Chairman also received a proposal from the delegations of Pakistan and Indonesia which had considerable support generally. This proposal was based upon the assumption of reducing channel separation to 9 kc/s. throughout, making a total of 22 channels available for assignment.

6. The Chairman put up a proposal for assignments in the 3 Mc/s band based mainly on the line of thought adopted by Indonesia and Pakistan, viz. 9 kc/s channel separation; and held discussions on it in the 3rd meeting of the group. India was the main objector to this proposal in regard to the 9 kc/s channel separation. However, after some discussion, India agreed to a compromise of half the number of channels on 9 kc/s and the other half on 10 kc/s, but indicated that they were opposed to 9 kc/s separation for broadcasting on principle, as it had been proved that adjacent channel protection would deteriorate by 8 db. in that event. It was agreed to modify the Chairman's proposal in the light of discussions that took place.

7. In the 4th meeting, the group discussed the modified generally agreed draft plan for the 3 Mc/s band. Some minor modifications were made and it was decided to have it duplicated as soon as possible. It was understood that this draft is to be presented to Committee 5 for final adoption.

It was generally understood that 2 Mc/s assignments could be completed without great difficulty and a list could be prepared and presented to Committee 5 in a short time.

8. The proposed concrete draft plan for the 3 Mc/s band is being published separately for presentation to Committee 5.

B. Y. NERURKAR

Chairman.

Chan- nel N° Voie N°	Fre- quency Fre- quence	Afga- nis- than Afga- nis- than	Australia Australie	Indonesia Indonésie	India Inde	U.K.Colonies Colonies du Royaume-Uni	French Overseas territor. Territoi- res fran- çais d' outre-mer	Portu- guese Colonies Colonies Portugai- ses.	Pakistan	Philippines	China Chine	Burma Birmanie	Iran Iran	
1	3205			Bandoeng 0.15 kw	Bombay + 20 kw						Canton + 20/50 kw			(+ Canton closes down at 1500 GMT. Bombay operates
2	3214	Kabul 10 kw		Ternate 0.15 kw			Saigon 25 kw							beyond 1500 GMT normally. By (arrangement between India
3	3223		Perth 10 kw	Djocja 0.15 kw	Madras/ Delhi 10/20 kw		Tahiti 1 kw			Polo 5/10 kw				and China, China would agree to operate on 20 kw between 1330 GMT and 1500 GMT provid-
4	3232			Semarang 5 kw							Kuming 20 kw		Teheran 15	ed there is no harmful inter- ference if Bombay wishes to
5	3241			Ambon 0.5 kw			Vientiane 1 kw		Peshawar 7.5					operate between these hours (in addition. India agrees to suspend transmission between
6	3250			Banjer Massin 0.5 kw				Goa 20 kw			Nanning 20 kw			(1330 and 1500 GMT or reduce power in the event of harmful interference to China.
7	3259			Koepang 0.5 kw		Penang 5 kw		Macao 1 kw	Multan 7.5					(+ Canton termine à 1500 TMG.
8	3268		Sydney 10 kw	Solo 0.15 kw	Mysore 10 kw	North Borneo 0.4 kw		Timor 1 kw			Chungking 5 kw			Bombay fonctionne normalement (après 1500 TMG. En accord
9	3277			Batavia 5 kw	Delhi 20 kw		Port Vila 1 kw			Cebu City 1 kw				avec l'Inde, la Chine accep- terait de fonctionner sur
10	3286		Brisbane 10 kw	Sorong 0.15 kw		Kudat) Labuan) 0.5 TaWau) kw				Polo 2.5 kw		Rangoon 7.5	Tabriz 7.5	20 kW entre 1330 TMG et 1500 TMG pourvu toutefois qu'il ne se produise pas de
11	3295			Denpasser .5 kw	Nagpur/ Delhi 20 kw		Dalat 1 kw							brouillage nuisible si Bom- bay désirait effectuer entre
12	3305			Semarang 0.15 kw	Calcutta 20 kw	Honiara 0.15 kw				San Francisco 5 kw				ces heures une émission sup- plémentaire. L'Inde accepte de suspendre ses émissions
13	3315		Darwin 10 kw		Bombay/ Delhi 20 kw						Kuingshan 5 kw			entre 1330 et 1500 TMG, ou d'en réduire la puissance au cas où elles occasionneraient
14	3325			Maccassar * 5 kw					Dacca 7.5	Quezon City * 5 kw				des brouillages nuisibles pour la Chine.
15	3335			Magelang 0.15 kw		Singapur 5 kw		Macao 1 kw	Lahore 7.5 kw					* Maccassar operates bet- ween 2200 to 0100 GMT.
16	3345			Hollandia 0.5 kw	Madras 20 kw					Manila 5 kw				Manila does not operate during these hours.
17	3355			Soerabaiya * 5 kw	Delhi 20 kw		Noumea 1 kw				Taineh 10 kw			* Maccassar fonctionne entre 2200 et 0100 TMG. Manila
18	3365		Adelaïde 10 kw	Menado 0.5 kw	Bombay 20 kw		Pnompenh 1 kw							ne fonctionne pas pendant ce temps.
19	3375			Batavia 5 kw	Delhi 20 kw						Foochow 1 kw			@ Medan operates between 2300 to 0200 GMT.
20	3385		Port Moresby 10 kw	Soekaboemi 0.15		Sandakan 0.05 Colombo 7.5					Koeyang 5 kw			@ Medan fonctionne entre
21	3395			Medan @ 5 kw					Karachi 7.5	Polo 5 kw				2300 et 0200 TMG.
TOTAL STATIONS		1	6	20	10 + 1	6	7	4	5	7	8	1	2	

for Region 3
GENEVA, 1949

NOTE BY THE SECRETARIAT

The attention of the Members of the Conference for Region 3 is drawn to the following letter dated 18 August from the delegate of Afghanistan to the Chairman of the Conference:

To the Chairman,

Sir,

I beg to draw your attention to the fact that, having consulted the frequency list assigning new frequencies to various broadcasting stations that have already been operating for several years, I found that, unfortunately, the list contained the following changes in the frequencies for the medium wave station, which we have been using for some years:

BAC 674 kc/s changed to 1310 kc/s (in operation)
BAC₂ 621 kc/s changed to 540 kc/s (to be put into
operation)
BAC₃ 806 kc/s changed to 1160 kc/s (to be put into
operation)

I am therefore obliged to state that Afghanistan is determined, for technical reasons, to retain at all costs the frequencies which it has held and used for many years past.

If you, Mr. Chairman and the other esteemed delegates will kindly examine the frequency list, you will agree that the frequencies were adopted by the Atlantic City Conference.

Moreover, the list of our frequencies was forwarded to the I.T.U. Secretariat in our letters No. 63 dated 1 April, 1948 and No. 209 dated 26 April 1949.

Consequently, I see no reason for changing these frequencies.

I am, Sir, etc.,

M. Hussein,

Delegate of Afghanistan,

18 August 1949

for Region 3
GENEVA, 1949

Corrections proposed to the Minutes of the

5th Plenary Session

Document No. 120

Proposed by

Page 2, para No. 1.6., line 5 - delete the name of Mr. Verboeket

Page 3, para No. 2.4.1., - delete the last paragraph of page 3 and top of page 4 and substitute the following :

"It appeared clear from the references in these official United Nations documents, said Mr. Plakias (US Territories) that the United Nations considered that there was only one lawful government in Korea. Since many of the governments represented at the Region 3 Conference were members of the United Nations, he suggested that no official recognition be given to the list of requirements submitted by the Popular Democratic of Korea."

Page 4, para No. 2.4.2., line 3 (subject to the Chairman's approval) after "United Nations Temporary Commission had been", replace the words "set up" with the words "able to function."

para No. 2.4.2., line 5, after the words "UN Temporary Commission", replace the words, "was established" with the phrase, "was able to carry on its functions."

para No. 2.4.2., next to last line, same paragraph, capitalize the word "Power".

para No. 2.4.6., second part, delete the present text and replace with the following :

"Mr. Plakias (US Territories) replying to Mr. Mirza's first point, said that unfortunately he was unable to give a complete answer on the question of veto in the United Nations in general, although he understood that this privilege was exercisable in the United Nations Security Council."

Page 5, para No. 2.4.11., line 5 - after the word "Republic" insert "of Korea".

para No. 2.4.11., line 6 - after the words "which were", delete the balance of the sentence and insert "in many instances uncertain".

Proposed by

Page 5, para No. 2.4.11., delete "Referring to Mr. Sundaram's
(Contd) of Spain to the Union." and substitute the following :

"Referring to Mr. Sundaram's statements, he indicated that in his opinion the cases of Korea and Spain were not similar. Spain had an internationally recognised status, and Additional Protocol III of Atlantic City provided for the re-entry of Spain into the Union when certain conditions were fulfilled. No such parallels existed in the case of the Popular Democratic Republic of Korea."

Page 6, para No. 2.4.12., lines 2 - 5 - delete ".....and to this extent..... Republic of Korea....." and insert the following :

"and that up to the present Spain had thus shown that she respected the Atlantic City decisions, or at any rate it might be assumed that she intended doing so. However the frequency requirements of the Popular Democratic Republic of Korea....."

para No. 2.4.13., delete "The requirements submitted by..... requirements submitted by the Republic." and substitute the following :

"The requirements submitted by the Popular Democratic Republic were not acknowledged to be valid by the Republic of Korea and note only should be taken of them. He suggested that if, in fact, some requirements had been shown in the area for which the Republic of Korea had submitted requirements, the Republic should be asked to indicate whether they wished to include them in their requirements or not".

Page 7, para No. 2.4.22., line 3, delete "taken into account" and substitute "shown in the final Frequency List of Region 3."

Page 8, para No. 2.4.23., lines 1 and 2; delete the words "the purpose of his motion was to give" and replace with "he believed his motion would allow".

Page 8, para No. 2.4.23., the last three lines to be deleted and replaced by "...of the United Nations Resolution and therefore there appeared to be no reason why this Conference could not take action similar to that of the UN."

para No. 2.4.25., line 3, replace the word "requested" by the phrase "stated that he preferred".

Page 9, para No. 2.4.30., 4th line, delete the word "body" and insert the word "authority".

para No. 2.4.30., the last sentence "The organisation should be accepted" to be amended as follows. -

"The international organisation which was most competent in such political questions, and to which many governments represented at the Conference belonged, were the United Nations, and the decisions of that authority should be accepted."

Proposed by

Page 10, para No. 2.4.37., delete lines 5 and 6 and insert the following :

"Considering the existence of two different lists for the Korean Peninsular submitted for examination by the Administrative Radio Conference for Region 3."

para No. 2.4.38., delete first three lines of the text beginning "In response to" up to and including "the conference." Commence paragraph with "The Chairman"

Page 11, para No. 2.4.45., line 4 of Resolution, substitute "inclusion in" for "establishing".

para No. 2.4.45., last line of Resolution, delete the words "to all services."

para No. 2.4.48., line 2, after "Mr. Dobbyn" insert "it would be preferable if", and after "the Assembly", change the word "should" to "would".

para No. 2.4.48., line 3, following the words "motions of", delete the word "should".

para No. 2.4.48., point 2, (subject to Mr. Searle's approval) change to read as follows :

"A composite motion, such as suggested by Mr. Dobbyn, which would also settle the practical aspects of the question."

Page 12, para No. 2.4.49., line 7 - insert the words "other list would be" between "The" and "scrutinised".

para No. 2.4.51., line 6, after the sentence beginning, "He pointed out that" to read as follows :

"He inquired of Mr. Dobbyn whether in suggesting that all available information be taken into account, he was enunciating a general principle to be applied to the entire list. This was confirmed by Mr. Dobbyn."

Page 14, para No. 2.4.61., lines 3 and 4, delete "and Mr. Plakias" and change the word "they" to "he". Then add the following sentence :

"Mr. Plakias felt that if the Secretariat would follow the same pattern as in previous plenary minutes, the situation would be adequately treated."

18 August 1949

for Region 3
GENEVA, 1949

CORRECTIONS PROPOSED TO THE MINUTES OF THE
6TH PLENARY SESSION, DOC.No 130

PROPOSED BY:

New Zealand.

para.2. 3.

Change the last word on page 2 "the" to read "this particular".

U.S.Territories. para.3.4.

Second line, after "and that" insert "committee meetings and."

Second line, delete the period, delete "In" and in third line delete "this way the" and insert "so that a".

Third line, after "might be", delete "examined on" and substitute "ready by".

The paragraph would then read as follows:

"Mr.Plakias (US Territories) suggested that the work be accelerated in the Working Groups, and that committee meetings and Plenary Assemblies be reduced to a minimum so that a first draft plan might be ready by August 15".

para.3.8.

Third paragraph, line 3, change the word "necessity" to "desirable".

Delete the last sentence of this paragraph.

para.3.9.

Third line, delete the last word "that".

Fourth line, after "September 1st" delete "be fixed".

U.K.Colonies.

para 4.7.

Delete last paragraph and substitute:

"Further, the U.K.Colonies Delegation's understanding of the intention underlying the inclusion by the P.F.B. of the regional plan within the draft list to be submitted to the Special Administrative Conference was that this was to be a mere formality, the plan having already been agreed and signed by the Administration directly interested.

There is a distinct possibility that the Special Administrative Conference at present scheduled to open on the 17th October, 1949, will have to be postponed since the P.F.B. will not have completed the plans which it is preparing for its own frequency bands by that time. If there is to be an indefinite delay in the calling of this Conference, no reason is seen why there should be a corresponding indefinite delay in implementing any decisions which this Region 3 Conference may reach.

The U.K.Colonies Delegation is anxious to see the Regional frequency allocation table implemented as soon as possible and feels that the possibility of implementing the Regional plans in advance of the calling of the Administrative Conference must exist. If this

possibility is to exist the Conference must reach firm decisions, agree on a reasonable date of implementation and have an agreement drawn up and embodied in the Final Acts of the Conference which must be formally signed by the delegates of their respective countries."

French Overseas Territories.

para.4.8.

The last sentence should read:

"In view of the likelihood of discrepancies between the various lists, it would be difficult to put them into operation separately!"

New Zealand.

para.4.11.

On page 6, change the words "plenipotentiary powers". to read "full powers to sign."

U.K.Colonies.

para.4.12.

Delete last paragraph and replace by:

"He supported the viewpoint of the Delegate of New Zealand that an agreed list should be signed by all Delegates, and added that the provisions of the list could not be changed except by the concurrence (and the signature) of all the Region 3 countries concerned."

French Overseas Territories.

para.4.16.

Delete the existing paragraph and replace by the following: -

"Mr.Lalung-Bonnaire (French Overseas Territories) observed that plenipotentiary powers were not needed for the signing of Administrative Conference documents. Signing with plenipotentiary powers applied to plenipotentiary matters. It was difficult to say whether the delegates to the present Conference were in need of plenipotentiary powers, as no plenipotentiary powers had been asked for at the Administrative Radio Conference at Atlantic City, of which that for Region 3 was a result. Points 9 and 10 of Part VII of the report of the Preparatory Committee of the Region 3 Conference were drafted with the view that the final draft list for Region 3 would be submitted to the P.F.B. and then to the Special Administrative Conference. He agreed, however, that certain parts of the list could be put into effect immediately but warned that this should be done with caution because chaos, threatening the safety of human life, would result, if the different lists in their entirety, were put into effect separately in the boundary zones between regions and particularly in the aeronautical service."

U.S.Territories.

para.4.17.

Substitute the following text for this paragraph:

"Mr.Plakias (US Territories) stated that the form and substance of the final documents were important considerations and therefore he would like to reserve his comments until such information was available."

French Overseas Territories.

para.4.20.

Delete the whole paragraph.

SCHEDULE OF MEETINGS
for the period 22 - 27 August, 1949.

Monday, 22 August	09.30	.....Committee 2 (Room 4)
	14.00	.....Working Groups
Tuesday, 23 August	09.00	.....Working Groups
	14.00" "
Wednesday, 24 August	09.00	.....Working Groups
	16.00	.....Plenary Session (Room 4)
Thursday, 25 August	09.00	.....Working Groups
	14.00" "
Friday, 26 August	09.00" "
	14.00" "
Saturday, 27 August	09.00	.....Working Groups

HORAIRE DES SEANCES
du 22 au 27 août 1949.

Lundi 22 août	9h.30	.....Commission 2 (Salle 4)
	14h.00	.....Groupes de travail
Mardi 23 août	9h.00	.....Groupes de travail
	14h.00" " "
Mercredi 24 août	9h.00	.....Groupes de travail
	16h.00	.....Séance plénière (Salle 4)
Jeudi 25 août	9h.00	.....Groupes de travail
	14h.00" " "
Vendredi 26 août	9h.00" " "
	14h.00" " "
Samedi 27 août	9h.00" " "

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document No 144-F
19 August, 1949.

COMMITTEE 2

Agenda for the 8th Meeting

Monday 22 August at 09.30, in Room 4

1. Redrafting of Documents 100 revised, 115 and 116, before forwarding to Region 1-Conference.
2. Any other business.

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document No 144-F
19 août 1949

COMMISSION 2

Ordre du jour de la 8ème Séance

Lundi 22 août à 9h.30, dans la Salle 4

1. Revision des documents Nos. 100 révisé, 115 et 116, avant leur envoi à la Conférence de la Région 1.
2. Divers.

for Region 3
GENEVA, 1949

COMMITTEE 5

TROPICAL BROADCASTING GROUP

SECOND REPORT.

1. The fifth meeting of the Tropical Broadcasting Group was held on the 19th August 1949, and the following business was transacted.
2. The first report of the Group viz. Doc.139 was examined. Certain editorial corrections were made to page 2 of the English text. These would be published by the Secretariat to replace page 2.

In the table of assignments the following corrections are made:

- a). In Channel 17, delete asterisk mark against "Soerabaya";
- b). In the footnote against * substitute "Quezon City" for Manila.
3. The Delegation of Pakistan wished to reserve its position in regard to the operation of a station at Goa on 20 kW in Channel No.6, which in their opinion provides an unsatisfactory adjacent channel protection. The Delegation of Pakistan desire the power of that station to be reduced to 7.5 kW or 10 kW, so as to improve the situation. In the opinion of Pakistan Delegates, this reduction of power would not materially affect the desired reception zone of Portuguese Goa.
4. The Group then approved a draft list of 2 Mc/s assignments in Tropical Broadcasting proposed by the Chairman. It was agreed to have this published as soon as possible.
5. The Group considered that its terms of reference in regard to Tropical Broadcasting were completed. It was however considered desirable to draw time charts showing the actual hours of operation in a graphical form and provide six copies of such charts to the Chairman of Committee 5 for use by assignments groups engaged in the work of assigning frequencies to fixed Services. The Group considered that such a presentation would give completeness to the work of the Group and this would be a great help to the remainder of the work of Committee 5 in the shared bands.

Some discussion took place in regard to the procedure for assignments of fixed Services when a few principles were recalled and agreed to, viz:

- a) As far as possible a country should try to utilise on a time sharing basis the frequencies assigned to her own broadcasting stations, for operating fixed Services.

- b) In view of the priority attached to Broadcasting in the Tropical Zone, it was agreed that assignments to fixed Services could be made only on the basis of non-interference with Broadcasting. However, it was suggested that considerably lower geographical separations might be tolerated between a broadcasting station and a fixed station than between two broadcasting stations in ~~these~~ cases where small powers and limited service ranges for the fixed stations are involved.
- c) The assignments to fixed Services outside the Tropical Zone were to be made on a mutual ~~non-interference~~ basis but not on the basis of any priority of either of the Services.

B. Y. NERURKAR,
Chairman.

Tropical Broadcasting Group of Commission 5
Region 3 Conference
Conférence administrative des Radiocommunications
pour la Région 3 - Commission 5 -
Group spécial de la radiodiffusion tropicale

DRAFT ASSIGNMENT PLAN IN 2 MC/S TROPICAL BROADCASTING BAND
PROJECT DE PLAN D'ASSIGNATION DANS LA BANDE DE RADIODIFFUSION TROPICALE
DES 2 MC/S.

Channel N° Voie N°	Frequency Fréquence	Indonesia Indonésie	China Chine	India Inde	U.K. Col. Colonies du Royaume-Uni	Port.Col. Colonies portu- gaises.	Pakistan	Burma Birmanie	Philippines.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	2310		Nanking 20 kW	Bombay 1 kW					
2	2320						Peshawar 7.5 kW		Manila 5 kW
3	2330		Chungking 5 kW						
4	2340			Delhi 1 kW					Cebu City 1 kW
5	2350	Balikpapan 0.15 kW					Dacca 7.5 kW		
6	2360		Canton 20/50						
7	2370	Soerabaya 0.15 kW		Delhi 1/10 kW					
8	2380							Rangoon 7.5 kW	
9	2390	Cheribon 0.15 kW	Kumming 20 kW						
10	2400						Lahore 7.5 kW		Polo 10 kW
11	2410			Madras 10/20 kW		Dili 1, kW			
12	2420		Changsha 5 kW				Karachi 7.5 kW		
13	2430	Malung 0.15 kW				Macau 1 kW			

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
14	2440		Taipeh 10 kW	Nagpur 1 kW					
15	2450			Bombay 1 kW					St. Juan Height 10 kW
16	2460	Batavia 0.15 kW	Nanchang 1 kW				Multan 7.5 kW		
17	2470				Colombo 1/7 kW	Macau 0.5 kW			
18	2480	Padang 0.15 kW	Sichang 1 kW						
19	2490	Macasser 0.15 kW		Calcutta 10/20 kW					

for Region 3
GENEVA, 1949.

MINUTES OF THE 7th PLENARY SESSION

1st and 2nd parts

held on Wednesday, 3 August, and Wednesday 10 August.

The Meeting was opened at 00.45 hours, 4 August, by the Chairman, Mr. S.S. Moorthy Rao.

The following countries and organisations were represented :

Australia, China, French Oversea Territories, India, Indonesia, New Zealand, Pakistan, Philippines, United Kingdom Colonies, United States Territories, Korea and I.F.R.B.

1. In view of the late hour, a discussion was held between the Chairman, Mr. Sundaram (India), Mr. Verboeket (Indonesia), Mr. Mumford (U.K. Colonies), Mr. McDonald (Australia), Mr. Mirza (Pakistan), and Mr. Searle (New Zealand) in which it was decided to adjourn the meeting and hold the 2nd part of the 7th Plenary Assembly at a date to be set by the Steering Committee.

A suggestion by Mr. McDonald (Australia) that in the future Plenary Assemblies be held at 16.00 hours was approved.

2. The Chairman then took the opportunity to inform the meeting that Mr. Kunz had taken over the job of Secretary for the Aeronautical Conference. Since it was the last meeting of Region 3 Mr. Kunz could attend, the Chairman voiced his appreciation for the hard work he had put in, and for the good reports and fine working arrangements which had resulted. He expressed his warm gratitude and thanks for the excellent manner in which Mr. Kunz had helped the Conference and wished him God speed in his new work.

Mr. Kunz expressed his regret at having to leave for the Aeronautical Conference and thanked the Chairman and all the members of the Region 3 Conference for their confidence and understanding. He said that if he had been even a modest help to the Conference that would be the best thanks he could receive.

3. The Assembly was adjourned at 01.05 hours Thursday, 4 August 1949 and reconvened on Wednesday, 10 August 1949 at 09.00 hours.

4. Item 1 of the Agenda : Approval of Document 100 revised : Report of Working Group 4 to the Chairman of Committee 3.

- 4.1. The Chairman explained that Document 129 was a list of amendments to Document 100 (rev.), presented by the U.K. Colonies Delegation and would be considered first.

- 4.2. Mr. Mumford (U.K. Colonies) stated that Document 129 had been prepared after expert consultation with operating people, and included some important changes as well as many attempts to clarify the meaning of Document 100. He also mentioned that the proposals were only listed after consultation with

with the Chairman of the Working Group.

Mr. Mumford drew the attention of the Meeting to Page 1, line 2, where 3105 kc/s should read 2105 kc/s.

- 4.3. The first five amendments on page 1 of Document 129 were approved without objection.
- 4.4. Mr. Lalung-Bonnaire (French Oversea Territories) objected to the 6th Amendment (referring to p. 3 recommendation 6) because he felt that the sentence to be deleted specified that other services could be used as Rescue Equipment. If the sentence were eliminated the recommendation would be too restrictive.
- 4.5. Mr. Mumford (U.K. Colonies) considered that, in view of N° 865 of the Radio Regulations, the Committee would be recommending something already accepted in the General Regulations.
- 4.6. After a discussion between the Chairman, Mr. Mumford (U.K. Colonies), Mr. Dobbyn (Australia), Mr. Lalung-Bonnaire (French Oversea Territories), and Mr. Minners (U.S. Territories) it was decided that Recommendation N° 6 on page 3 should read as follows -
- "6. Apart from Distress, Urgency and Safety signals, ship telegraph stations and coastal telegraph stations operating in these bands should, as far as possible, employ class A-1 emission only."
- 4.7. It was decided that the Drafting Committee (Committee 2) should redraft the paragraph mentioned in the 7th Amendment. (p. 3 para. following Rec. 7)
- 4.8. After a short discussion between the Chairman, Mr. Searle (New Zealand), Mr. Cooke (U.S. Territories), Mr. Mumford (U.K. Colonies), Mr. Lalung-Bonnaire (French Oversea Territories) and Mr. Verboeket (Indonesia) it was decided to accept the 8th Amendment (p. 3. Item 2, recognising. 1.) but to substitute "establishes" for "obligatory" and to delete the second "for" in the paragraph referred to in Document 100.
- 4.9. The 9th Amendment (p. 3. Item 2, recognising 2) was approved without change.
- 4.10. Mr. Lalung-Bonnaire (French Oversea Territories) disagreed with the wording of the 10th Amendment (p. 4. para. 1) for he felt that it would mean that there were no shared bands between 2170 and 2194 kc/s. The original paragraph provided for the elimination of harmful interference and at the same time allowed fixed stations to work ; for instance in the centre of China, where they would not cause difficulty.
- 4.11. Mr. McDonald (Australia) and Mr. Searle (New Zealand) agreed with Mr. Lalung-Bonnaire and added that a low powered transmitter in the central regions of Australia or India could operate without interfering with the Maritime Service.
- 4.12. Mr. Mumford (U.K. Colonies) pointed out that in Region 1 all emissions were forbidden during certain periods.
- 4.13. Mr. Lalung-Bonnaire (French Oversea Territories) considered that the remarks of Mr. Mumford dealt with Coast and Ship stations. Therefore if a fixed station well in the interior of a continent could transmit without

causing interference; it need not respect the restriction.

- 4.14. Mr. Minners (U.S. Territories) stated that the C.C.I.R. was working on an automatic alarm device that could possibly be activated by a weak signal in the frequencies mentioned.
- 4.15. The Chairman stated that the delegates could take note of the new automatic device and take all possible means themselves to prevent the emissions from starting the equipment.
- 4.16. It was decided to eliminate the 10th Amendment (p.4 para. 1) and so leave the instruction to Region 3 less mandatory.
- 4.17. The 11th Amendment (p. 5 para 3) was adopted without change.
- 4.18. It was decided to adopt the 12th Amendment (p. 5 para. 4. (3)a) since the reference to paragraphs 7 and 8 which remained made the meaning clear.
- 4.19. It was decided to leave the footnote, mentioned in the 13th Amendment, (p.5 paras. 6 (1) and 6 (2) to the Drafting Committee and to change the French text of Para 6 (2) to read "should".
- 4.20. The 14th Amendment (p.6 para. 8 (1)) was adopted and note was taken that the commas appearing in the frequencies on page 6 should be eliminated.
- 4.21. The 15th Amendment (p.6 para. 8 (1) a) was adopted without change.
- 4.22. The first part of the 16th Amendment (p.6 para. 8 (2)) was adopted but the second was left for the consideration of the Drafting Committee.
- 4.23. After a short recess it was decided that wherever possible the technical accuracy of the text and parallelism with French and English should be left to the Drafting Committee and that the Plenary Assembly decide only on the 'sense' of the amendments to be taken note of by the Drafting Committee.
- 4.24. Mr. Dobbryn (Australia) referred again to the 12th Amendment (p.5 para. 4 (3) a) for he felt that the deletion of "for authorised operating signals" might exclude the use of service abbreviations which were a necessary supplement to "call and reply".
- 4.25. Mr. Minners (U.S. Territories) agreed with Mr. Dobbryn and felt that the question in point was whether the Region 3 Conference was going to give a very strict interpretation or the broader one as applicable to 500 kc/s. Although he had no strong views, he preferred that the phrase be left in the text.
- 4.26. It was decided to leave the exact wording of paragraph 4 (3) a, to the Drafting Committee. Mr. Mumford (U.K. Colonies) asked that it be put in the minutes that the U.K. Colonies were of the opinion that the wording "call and reply" was sufficiently elastic.
- 4.27. The 17th and 18th Amendments (p.6 para. 9 and p.7 para. 11 (3)) were adopted without change.

- 4.28. Mr. Minners (U.S. Territories) explained that Para. 12, of Document 100 rev, to which the 19th Amendment (p.7 para. 12) applied, was inserted because it was felt that many ships, especially the numerous small ones, would use only 2182 kc/s and this would result in a serious misuse of that frequency. The paragraph went one step further than N° 589 of Atlantic City Regulations in order to reduce emissions on 2182 kc/s as much as possible.
- 4.29. Mr. Mumford (U.K. Colonies) considered that the Region 3 Conference could not change the wording of the Regulation.
- 4.30. After a further discussion between the Chairman, Mr. Minners (U.S. Territories) and Mr. Mumford (U.K. Colonies) it was decided to adopt the 19th Amendment.
- 4.31. After a short discussion between the Chairman, Mr. Searle (New Zealand), and Mr. Mumford (U.K. Colonies) it was decided to direct the Drafting Committee to separate the paragraph on page 7 of Document 100, beginning with the words "on the assumption....." from the proceeding part of the Document.
- 4.32. It was decided to leave the 20th Amendment (p. 7 para. following para. 12) to the Drafting Committee.
- 4.33. The 21st and 22nd Amendments (p.7 prop. rec. considering - 2 & p. 8 1st para.) were adopted without change.
- 4.34. After a short discussion between the Chairman, Mr. Searle (New Zealand), and Mr. Mumford (U.K. Colonies) it was decided to leave out the last two paragraphs of Document 100 (revised) because, although they were appropriate to Committee reports, they had no purpose in a Conference document. The Drafting Committee was directed to make the French and English texts absolutely parallel when redrafting the document and it was decided to send a copy of the document to Region 1.
- 4.35. Document 100 (revised) was approved as amended.
5. Item 2 of the Agenda: Any other urgent business.
- (The word "urgent" was mistakenly omitted from the Agenda).
- 5.1. After a short discussion between the Chairman, and Mr. Searle (New Zealand) it was decided that the next Plenary Session would be called the 3rd Part of the 7th Plenary Session, and it was agreed that the Chairman could add any necessary items to the former agenda for the 7th Plenary Session.

The meeting was adjourned at 12.00 hours.

Rapporteur:

G. A. Coddington

Secretary:

A. K. Dobbie

Chairman:

S. S. Moorthy Rao

AGENDA

for the 8th Plenary Session

to be held on Wednesday 24th August at 16.00 hours in Room 4.

-
1. Approval of the Minutes of the 5th Plenary Session, Document No 120
(Proposed corrections of this document are published in doc.141)
 2. Approval of the Minutes of the 6th Plenary Session, Document No 130
(Proposed corrections of this document are published in doc.142 revised).
 3. Approval of the Minutes of the 7th Plenary Session (1st and 2nd part)
Document No 146.
 4. Verbal report from the Chairman of Committee 2.
 5. Verbal report from the Chairman of Committee 5.
 6. Any other business.
-

ORDRE DU JOUR

de la 8ème Séance plénière

du mercredi 24 août à 16h.00 dans la Salle 4

-
1. Approbation du procès-verbal de la 5ème Séance plénière, document No 120
(les amendements proposés à ce document sont publiés dans le document No 141).
 2. Approbation du procès-verbal de la 6ème Séance plénière, document No 130
(les amendements proposés à ce document sont publiés dans le document No 142).
 3. Approbation du procès-verbal de la 7ème Séance plénière (1ère et 2ème part.)
Document No 146.
 4. Rapport verbal du Président de la Commission 2.
 5. Rapport verbal du Président de la Commission 5.
 6. Divers.
-

Administrative Radio Conference
for Region 3
GENEVA, 1949

Region 3 - Document No 148-E
20 August, 1949

PROPOSAL BY UNITED KINGDOM COLONIES
FOR FORM OF AGREEMENT ASSOCIATED WITH
THE FINAL ACTS OF THE CONFERENCE

The Delegation of the United Kingdom Colonies has prepared the draft Agreement set forth in the Annex to this Document in accordance with the wishes expressed at the meeting of the Working Group of the Plenary Assembly held on 19.8.49.

It is proposed that the final Plan be annexed to the Agreement and the whole, together with such Resolutions and Recommendations as may be adopted by the Conference, be signed by the representatives of the Administrations present at the Region 3 Administration Conference

A.H. Mumford
Leader of U.K. Colonies Delegation

A N N E X

The undersigned, Delegates to the International Telecommunication Union Region x Administrative Radio Conference at Geneva, have adopted, on behalf of their respective Administrations, this Agreement and the Plan annexed thereto.

1. DEFINITIONS.

In this Agreement:

- (i) the words "International Telecommunication Convention" denote the I.T. Convention signed at Atlantic City in 1947, or any revision thereof which may be substituted therefor after the entry into force of such revision;
- (ii) the words "Radio Regulations" denote the Radio Regulations annexed to the I.T. Convention signed at Atlantic City in 1947, or any revision thereof which may be substituted therefor after the entry into force of such revision;
- (iii) the word "Plan" denotes the Geneva Plan annexed to this Agreement;
- (iv) the words "Secretary General" denote the Secretary General of the I.T.U.;
- (v) the word "Administration" denotes any department or service of a government responsible for implementing the obligations undertaken in the I.T. Convention and the Regulations annexed thereto.
- (vi) the expression "Region x" denotes an area defined as in the Radio Regulations, paragraphs (y to z).

2. IMPLEMENTATION

The Parties to this Agreement undertake to implement the provisions of this Agreement and of the Plan annexed thereto.

3. INITIAL ADJUSTMENTS (to depend on subsequent decisions)

4. MODIFICATION OF THE PLAN

- (a) Except in the case of initial adjustments permitted by Article 3, an Administration wishing to alter the characteristics (such as frequency, power, geographical position, etc.) of any station included in the Plan, or to set up a new station using a frequency within the bands dealt with in the Plan, shall consult such other Administrations as it considers likely to be directly concerned, and obtain their agreement.
- (b) Any modifications made in accordance with paragraph (a) above shall be notified, as provided in the Radio Regulations, for publication in the International Frequency List.

5. NOTIFICATION OF FREQUENCIES

Frequencies assigned by the Plan or changes made in conformity with Article 3 shall, in the International Frequency List, bear the date of signature of this Agreement.

6. GENERAL PROVISIONS

- (a) Any Administration which is responsible for an infringement of this Agreement or of the Plan shall, at the request of any other Party concerned, take the necessary steps to remedy the matter as soon as possible.
- (b) If the use of a frequency in accordance with the Plan is found to cause harmful interference, the Administrations concerned shall endeavour to reach agreement with a view to eliminating such interference.
- (c) The application of the provisions of this Agreement and the Plan shall not in any way conflict with the provisions of the I.T. Convention and Radio Regulations.

7. APPROVAL AND ACCEPTANCE OF THE AGREEMENT

- (a) This Agreement and Plan shall be subject to approval by the signatory Administrations.
- (b) This Agreement shall be open to acceptance by or on behalf of the Administration of any country or group of territories within Region x listed in Annex 1 of the I.T. Convention of Atlantic City, and by the Administration of any other country or group of territories of Region x which accedes to the Convention in accordance with the procedure provided therein.
- (c) The instrument of approval or acceptance of this Agreement shall be addressed to the Secretary General, who shall immediately so inform the Administrations of the countries or groups of territories of Region x which are Members or Associate Members of the I.T.U. The approval or acceptance shall take effect from the day of receipt of such notification by the Secretary General.

8. COMPLIANCE WITH THE AGREEMENT BY COUNTRIES NOT ELIGIBLE TO BECOME PARTIES TO IT

Administrations of countries which are not eligible to become parties to this Agreement in accordance with the provisions of Article 7 may notify the Secretary General of their intention to comply without reservation with the provisions of this Agreement and Plan. The Secretary General shall notify the Parties to the Agreement accordingly. Nevertheless, the fact that a country not eligible to become a Party to the Agreement has notified its intention to comply with it does not modify in any way its status in relation to the I.T.U.

9. TERMINATION OF PARTICIPATION IN THE AGREEMENT

- (a) Any Party to this Agreement wishing to terminate its participation therein shall notify the Secretary General accordingly. The latter shall immediately so inform all other Parties to the Agreement.
- (b) One year from the date of receipt of any such notice by the Secretary General, this Agreement shall cease to apply to the Administration of the country or group of territories concerned.

10. ABROGATION OF THE AGREEMENT AND PLAN

This Agreement and Plan shall cease to have effect between the Parties to it upon the entry into force of a new Agreement and Plan.

11. This Agreement and Plan shall replace, as between Parties to the present Agreement, the following previous Agreements : (recital)

12. DATE OF ENTRY INTO FORCE

This Agreement and Plan shall enter into force on1950
at.....hours G.M.T.

IN WITNESS WHEREOF the undersigned Delegates have signed this Agreement.

Done at Geneva, this day of ..1949 in the English, French and Russian languages, in a single copy, which shall remain deposited in the archives of the I.T.U., and of which a certified copy shall be delivered to each Administration represented at this Conference.

CORRIGENDUM

The following amendments to Document 149-E were accepted at the 8th Plenary Session, on August 24th, 1949: -

- Page 4 - Para 4(2) in the 1st line delete the words "is to".
- Page 6 - Para 9(2) in the 3rd line delete the word "should"
Para 11(1) in the 3rd line delete the word "should"
Footnote 6 - Add the word "meeting" after "5th".
- Page 7 - Para "considering (d)" delete the last word "and".
Para "considering (e)" add the word "and" at the end of the paragraph.
Footnote, in the last line change the word "para" to "number".

CORRIGENDUM

Les amendements suivants ont été acceptés au cours de la 8ème Séance plénière du 24 août 1949 :

- Page 7 - Paragraphe "considérant (d)" supprimer le dernier mot "et".
Paragraphe "considérant (e)" ajouter à la fin du paragraphe le mot "et".

for Region 3
GENEVA, 1949

RECOMMENDATIONS

The I.T.U. Region 3 Administrative Radio Conference (Geneva, 1949) makes the following Recommendations to Administrations of Region 3:

I

Maritime Mobile Radiotelegraph Service in the
Bands between 1 605 and 2 850 kc/s

The Region 3 Administrative Radio Conference

considering

- a) that the Atlantic City Radio Regulations in Article 5 provide that in Region 3 the band of frequencies 2 065 - 2 105 kc/s is allocated exclusively to the Maritime Mobile Service;
- b) that the Atlantic City Radio Regulations designate specific calling frequencies for each of the bands of frequencies above 4 000 kc/s allocated by those Regulations for maritime mobile radiotelegraph stations to facilitate the intercept of initial calls from mobile stations using these bands;
- c) that the use of at least one specified calling frequency within the exclusive Maritime Mobile Service band 2 065 - 2 105 kc/s in Region 3 is likewise desirable to facilitate the intercept of initial calls from ship telegraph stations using frequencies within this band;
- d) that the Atlantic City Radio Regulations prescribe in number 115 that the band 2 065 - 2 105 kc/s shall be limited, in Region 2, to ship stations (telegraph exclusively);
- e) that number 751 of the Atlantic City Radio Regulations states that: "except where regional agreements specify otherwise, the frequencies assigned to ship stations for radiotelegraph communication in the bands between 1 605 and 2 850 kc/s must, as far as possible, be harmonically related (sub-harmonics) to the frequencies assigned to ship stations in the 4 000 kc/s radiotelegraph band (see section V)"; and
- f) that number 269 of the Atlantic City Radio Regulations states that: "in Region 2, the frequency band 2 088.5-2 093.5 kc/s is reserved exclusively for calling (telegraphy only)",

recommends

1. that the following apply to radiotelegraph stations of the Maritime Mobile Service open to public correspondence and operating on authorized frequencies in the bands 1 605 - 2 850 kc/s;

2.

2. that the frequency 2 091 kc/s be used only for call, reply, and authorized operating signals by all ship telegraph stations to establish communication with other ship telegraph stations or with coast telegraph stations;
3. that all ship telegraph stations be able to send and receive emissions of class A1 on the calling frequency 2 091 kc/s and on at least one authorized working frequency within the bands included between 1 605 - 2 850 kc/s;
4. that the calling frequency to be used by a coast telegraph station operating between 1 605 and 2 850 kc/s be its normal working frequency as shown in heavy type in the List of Coast and Ship Stations. A coast telegraph station should transmit its calls at specified times in the form of traffic lists on its working frequency or frequencies indicated in the List of Coast and Ship Stations;
5. that a ship telegraph station, after establishing communication on the calling frequency 2 091 kc/s, indicate its authorized working frequency, and this frequency be used for the transmission of traffic;
6. that apart from signals and messages, relating to distress, urgency, and safety, ship telegraph stations and coast telegraph stations operating in these bands employ, as far as possible, class A1 emission only;
7. that the frequency band 2 088.5 - 2 093.5 kc/s be reserved exclusively for calling (telegraphy only); and
8. that nothing contained in this Recommendation precludes the use of the frequency 2 091 kc/s by stations not open to public correspondence.

II

Maritime Mobile Radiotelephone Service

Section I Bands included between 1 605 and 2 850 kc/s.
The Region 3 Administrative Radio Conference

considering

- a) that Article 34, Radio Regulations (Atlantic City, 1947), entitled "Maritime Mobile Radiotelephone Service establishes, for the first time, a world-wide calling and distress frequency for the Maritime Mobile Service of radiotelephony, namely, the frequency 2 182 kc/s, and contains certain other operating provisions, applicable internationally, for the use of the frequency 2 182 kc/s, principally with regard to distress, call and reply, watch, and traffic;
- b) that Number 589 of Article 28 Radio Regulations (Atlantic City, 1947) requires that all ship stations using the frequency 2 182 kc/s for call and reply must be provided with at least one other frequency in the bands between 1 605 and 2 850 kc/s in which radiotelephone services are admitted;
- c) that the International Conference on the Safety of Life at Sea (London, 1948), recognizing the content of Articles 28 and 34, Radio Regulations (Atlantic City, 1947), proceeded to require, by Regulations 2(d), 4, 8, and 15 of Chapter IV, that certain ships be fitted with radio-telephone apparatus capable of operating, for safety purposes, on the frequency 2 182 kc/s and on at least one working frequency;
- d) that, since it is anticipated that the International Convention for the Safety of Life at Sea, 1948, will come into force on January 1, 1951, prior to the scheduled convening of the next International Radio Conference in 1952, it is clearly desirable that Administrations now lay down such additional recommendations as will provide the basic structure of a safety system, based on the use of the frequency 2 182 kc/s in order to be available to ships when required, as indicated in paragraph c) above;
- e) that, after close study of the Radio Regulations (Atlantic City, 1947) and of the Safety Convention (London, 1948), this Recommendation contains the minimum basic additions necessary to establish initially a uniform effective maritime radiotelephone safety system for Region 3 countries;
- f) that, fundamentally this Recommendation states that certain ship stations and coast stations be capable of transmitting and receiving on the frequency 2 182 kc/s and, while tending to limit the extent to which this frequency may be used, allows its use for general contact purposes in order that stations will listen thereon for calls and thus at the same time, for signals and messages relating to distress, urgency, and safety;

- g) that the frequency 2 182 kc/s should be continuously available for safety and distress purposes; and
- h) that, since it will be used throughout the world and thus be subject to interference from all areas within interference range, restrictions as to the power, extent and type of communications, etc., on 2 182 kc/s are necessary, to minimise interference and provide maximum utilisation for safety and distress,

recommends

A. General

- 1. that apart from the transmissions authorized in the band centered on the frequency 2 182 kc/s, all emissions capable of causing harmful interference to the safety services provided on the frequency 2 182 kc/s be forbidden in the band 2 170 - 2 194 kc/s;
- 2. that when using the frequency 2 182 kc/s for other than distress calls and distress traffic, and urgency and safety signals and messages, the mean power of the unmodulated carrier wave in the antenna of mobile stations should not exceed 100 watts;
- 3. that, in the case of coast stations of the Maritime Mobile Radiotelephone Service operating in these bands, the mean power of the unmodulated carrier wave in the antenna should not exceed 1 000 watts for day operation 1/ and 500 watts for night operation 2/, except where conditions are such as to render these limitations unreasonable or unnecessary;

B. Distress

- 4. (1) that the use of the world-wide distress and calling frequency 2 182 kc/s in the Maritime Mobile Radiotelephone Service be subject to the following conditions:
 - (2) that it is to be used by ship or aircraft radiotelephone stations using frequencies in the bands between 1 605 - 2 850 kc/s when requesting assistance from the maritime services, and also for signals and messages relating to distress, urgency, and safety.
 - (3) that in addition it may be used only:
 - a) for call and reply (see 7 and 8 hereir), for authorized operating signals associated therewith, and
 - b) by coast telephone stations for announcing transmissions, on other frequencies, which

1/ "Day" operation means the period of time included between one hour after local sunrise and one hour before local sunset.

2/ "Night" operation means the period of time of the 24-hour day other than that encompassed in "Day" operation.

are of general interest to ship stations,
including ordinary weather and hydrographic
broadcasts;

5. that all ship stations and coast stations engaged in radiotelephony in the authorized bands between 1 605 and 2 850 kc/s, and aircraft radiotelephone stations desiring to enter into communication with a station of the Maritime Mobile Radiotelephone Service using frequencies in this band, should be capable of transmitting and receiving on the frequency 2 182 kc/s;
6. (1) that, with a view to greater safety of life at sea all radiotelephone stations of the Maritime Mobile Service which normally keep watch on frequencies in this band take steps, as far as possible, to keep watch on the distress frequency 2 182 kc/s twice each hour for three minutes commencing at x h 00 and x h 30, Greenwich mean time (G.M.T.) 3/;
(2) that, during the above-mentioned intervals, all transmissions of the stations in the Maritime Mobile Service in the bands between 2 167 and 2 197 kc/s, except distress, urgency and safety transmissions, should cease 4/;

C. Call and Reply

7. that, except where prior arrangement is made, the frequency 2 182 kc/s be used for call and reply by all ship radiotelephone stations preparatory to establishing communications with other ship radiotelephone stations on a frequency designated for intership working;
8. (1) that 2 182 kc/s is the frequency for call and reply between ship and coast telephone stations and be authorized for that purpose; calling and replying between ship and coast telephone stations may, however, be conducted on the working frequency or frequencies indicated in the List of Coast and Ship Stations;
(2) that, in the case of single frequency working (simplex), the station called should, wherever possible, reply on the frequency used by the calling station. In the case of two frequency working (duplex), the station called should, wherever possible, reply on the associated frequency;

3/ See Radio Regulations (Atlantic City, 1947) Number 826.

4/ See Radio Regulations (Atlantic City, 1947) Number 827.

D. Watch

9. (1) 5/ that coast telephone stations, particularly those open to public correspondence, which work in the authorized bands between 1 605 and 2 850 kc/s shall, as far as possible, during their working hours, keep watch on the frequency 2 182 kc/s either by aural or automatic means for calls from mobile stations. 5/. For this purpose, the presence of a call or a distress or alarm signal from a mobile station may be indicated initially at the coast station by either aural or visual means 6/;
- (2) that the calling signals (spoken name of station, presence of carrier wave, special modulating tones, etc.) to which ship and coast telephone stations are intended to respond should be indicated in the List of Coast and Ship Stations 5/;
10. that, while at sea, ships which are compulsorily fitted with radiotelephone apparatus as the result of an international agreement shall, as far as possible, keep watch, by some aural or automatic means 6/; on the distress frequency 2 182 kc/s, when they are not engaged in communications on other frequencies in these bands;

E. Conditions to be observed by Mobile Stations

11. (1) that, in addition to any other frequencies which may be required, every radiotelephone installation compulsorily fitted on board a ship in accordance with an international agreement should be able to send and receive class A3 emissions :
- a) on the frequency 2 182 kc/s, and
- b) on one intership working frequency preferably the frequency 2 638 kc/s, with a view to this frequency being considered in the future as a common international intership working frequency at sea;
- (2) that these frequencies be indicated in the List of Coast and Ship Stations;
- (3) that, with a view to improving the safety of life at sea by maintaining the watch referred to in paragraph 10 above, the receiving apparatus associated with the compulsory radiotelephone installation include, wherever possible, at least two receivers in service.

* * * * *

5/ Amplifications of Numbers 819 and 820 of the Radio Regulations (Atlantic City, 1947)

6/ See 5th C.C.I.R. Recommendation No. 24 relating to the automatic alarm device.

Section II Bands included between 152 and 162 Mc/s.*

The Region 3 Administrative Radio Conference

considering

- a) that Section IV of Article 34, Radio Regulations (Atlantic City, 1947), entitled "Maritime Mobile Radiotelephone Service", establishes for the first time, a world-wide frequency for use on a simplex basis in the Maritime Mobile Service for calling, safety, intership, and harbour control purposes, namely the frequency 156.80 Mc/s;
- b) that, because, at the time of the Atlantic City Conference, some of the maritime nations of the world had not yet crystalized their thinking on the use of frequencies in this band for maritime use, it was not possible to reach agreement on the world-wide standardization and use of other specific frequencies in this band for maritime purposes;
- c) that informal information obtained by representatives at various European radio conferences after conclusion of the Atlantic City Conference of 1947, however, emphasized the desirability of reaching international agreement on the designation and use of a minimum number of additional frequencies in this band for the Maritime Mobile Radiotelephone Service at the earliest possible time;
- d) that the possibility of the various maritime nations of the three Regions proceeding along divergent lines, and thus making future standardization in this service difficult if not impossible, should be avoided; and
- e) that, it is clearly desirable that Administrations now provide for the use of a minimum number of communication channels in this band for the Maritime Mobile Radiotelephone Service;
- f) that the frequency 156.8 Mc/s is designated in Number 830 of the Atlantic City Radio Regulations for "use on a simplex basis in the Maritime Mobile Service for calling, safety, intership, and harbour control purposes",

recommends

1. that the frequency 156.3 Mc/s be designated for use on a simplex basis in the Maritime Mobile Service, primarily for intership working;

* Note: In the Region 3 Administrative Radio Conference (Geneva, 1949) no agreement could be reached on the common use of class A3 or F3 emission on a Regional basis for the frequencies between 152 - 162 Mc/s designated in this Recommendation.
(See para 833 § 15 of Art. 34, Atlantic City Radio Regulation).

2. that the frequency 156.6 Mc/s be designated for use on a simplex basis in the Maritime Mobile Service, primarily for ship-shore working;
3.
 - (1) that the frequencies 157.4 Mc/s and 161.9 Mc/s be designated for use on a duplex basis in the Maritime Mobile Service for ship-shore working;
 - (2) that ship stations transmit on the frequency 157.4 Mc/s and receive on the frequency 161.9 Mc/s;
 - (3) that coast stations transmit on the frequency 161.9 Mc/s and receive on 157.4 Mc/s;
 - (4) that this pair of frequencies (157.4 and 161.9 Mc/s) be reserved primarily for use when the coast station transmitting on the frequency 161.9 Mc/s is open to the international service of public correspondence and connects with landline telephone facilities.

RECOMMENDATIONS

The I.T.U. Region 3 Administrative Radio Conference (Geneva, 1949) adopted, among others, the two following Recommendations concerning the compilation of a frequency assignment plan for Region 3 :

I.

Standardization of Use of Certain
Frequencies for the Maritime Radiotelephone
Service

The Region 3 Administrative Radio Conference

considering

- a) that the new Regulations governing questions of the Safety Services at sea imply an increase in the number of ships compulsorily equipped with radio installations;
- b) that the greaz majority of the installations will operate in the radiotelephone service in the bands 2 105 - 2 300 kc/s for ship stations and 2 505 - 2 850 kc/s for coast stations and for intership working;
- c) that equipment limitations restrict the operation of shipborne installations to a maximum of about ten channels; and
- d) that it is to the interest of the Maritime Mobile Radiotelephone Service to effect standardization of frequencies so that the minimum of channels and equipment is necessary to secure service over a wide area.

recommends

- 1. that Committee 5 (Frequency allocations) in compiling the frequency assignment plan for Region 3 take into account the desirability of standardizing the use of frequencies for the Maritime Mobile Radiotelephone Service in the bands 2 105 - 2 300 kc/s for ship stations and 2 505 - 2 850 kc/s for coast stations and for intership working

II.

Frequency Requirements for Coast Stations of
the Maritime Mobile Radiotelegraph Service

The Region 3 Administrative Radio Conference

considering

- a) that the Atlantic City Radio Regulations precribed in number 151

that provision will be made in the bands 2 105 - 2 495 kc/s in Region 2 for coastal telegraphy in the Maritime Mobile Service by special arrangement;

- b) that the recent Region 2 Administrative Radio Conference adopted a Recommendation that the Administrations of Region 2, in compiling and coordinating their frequency lists, make adequate provisions for satisfying the requirements of coast stations using radiotelegraphy within the band 2 105 - 2 495 kc/s; and
- c) that it is to the interest of the Maritime Mobile Radiotelegraph Service to effect standardization of frequencies so that the minimum of channels and equipment is necessary to secure service over a wide area.

recommends

1. that Committee 5 (Frequency allocations), in compiling the frequency assignment plan for Region 3 make provision, so far as possible, for coast telegraph stations in the band 2 250 - 2 300 kc/s.

for Region 3
GENEVA, 1949

MINUTES OF THE 7th PLENARY SESSION

Third Part

held on Tuesday, 16 August 1949

The Meeting was opened at 16.10 hours by the Chairman,
Mr. S. S. Moorthy Rao.

The following countries were represented:

Afghanistan, Australia, China, French Oversea Territories, India, Indonesia, New Zealand, Pakistan, Philippines, United Kingdom Colonies, United States Territories, and Korea.

The Chairman announced and welcomed the newly arrived delegate of Afghanistan, Mr. Mohammed Hussein and at the request of Mr. Verboeket (Chairman of the Credentials Committee) the credentials of Mr. Hussein were read out and approved by the Assembly.

1. Approval of Document No. 89, Addendum II, Report 3 of the Technical and Operational Committee.

- 1.1. Mr. Searle (Chairman of Committee 3) pointed out that Addendum II of Document No. 89 was previously Region 3 Document No. 107 and was approved in the 17th Meeting of Committee 3 (See Doc. No. 122). It had been slightly redrafted but with no modification or change in the sense, and re-issued as Addendum II so that it would more easily form a part of the report of Committee 3. He then moved the adoption of Document No. 89, Addendum II.

Document No. 89, Addendum II was adopted without comment.

- 1.2. The Chairman stated that the Assembly was aware of the fact that Mr. Searle in his Committee had referred to this work of the propagation group as one of first magnitude. It was a proper supplement to the work of Mr. Bramel de Clejoulx's group in the P.F.B.

The Chairman asked the Indian Delegation to convey the thanks of the Assembly to Mr. Venkataraman, the Chairman of the Propagation Group, who had unfortunately been recalled to India urgently. He also asked Mr. Lalung-Bonnaire to convey the thanks of the Assembly to Mr. Richard for his great help to the Propagation Group.

The Chairman then expressed his and the Assembly's appreciation to the Korean Delegation, who had done a considerable amount of work on the basic material of the Document.

2. Item 2 of the Agenda : Approval of Document No. 115, Third Report of Working Group 4 to the Chairman of Committee 3.

- 2.1. Mr. Searle (Chairman of Committee 3) explained that, in order to save expenses, Document No. 115 remained in its original form. It was approved in the 17th Meeting of Committee 3 (See Doc. 122). The recommendations contained in Document No. 115 were an attempt to improve the standardisation of the frequencies for coast radio-telegraphy. Mr. Searle moved that the Assembly adopt the document and approve of the recommendations contained therein.

- 2.2. Mr. Creighton (U.K. Colonies), while not objecting to the adoption of the document, asked that it be recorded that the U.K. Colonies would have to ask for frequencies for intership services in the band 2250 - 2300 kc/s in order to conform with the practice in other regions.
- 2.3. In answer to a question by the Chairman, Mr. Searle (New Zealand) pointed out that the wording "as far as possible" allowed for necessary deviations from the recommendation.
- 2.4. The Chairman agreed and expressed a hope that any demands, such as mentioned by the U.K. Colonies, would be exceptions to the rule.
- 2.5. Mr. Verboeket (Indonesia) asked that the Region 1 Conference be informed of the Recommendation in accordance with the last paragraph of Document 115. The Chairman replied that since it was included in the recommendations it would be done automatically.
- 2.6. The recommendation contained in Document 115 was approved.
3. Item 3 of the Agenda: Approval of Document 116, Fourth Report of Working Group to the Chairman of Committee 3.
- 3.1. Mr. Searle (Chairman of Committee 3) explained that this document had been discussed at two sessions of Committee 3 and had been finally approved at the 18th meeting (See Doc.127). He drew the attention of the Plenary Assembly to the two modifications made at that meeting (See Doc.127, para No.1.1.)
- In general, Document 116 recommended that Administrations use certain designated frequencies in the band 152 - 162 Mc/s for the Maritime Mobile Radiotelephone Service. The frequencies designated for certain uses were noted on pages 2 and 3 of the English text.
- Noting the fact that the document contained recommendations valuable for Administrations in the development of maritime services in the VHF band, Mr. Searle moved that it be adopted.
- 3.2. After a short discussion between the Chairman, Mr. Minners (U.S. Territories) and Mr. Searle (New Zealand) it was decided for purpose of clarification to put the word "simplex" in brackets after a), b) and c), and to leave "duplex" in d). (See Doc.116, page 2.)
- 3.3. Mr. Minners (U.S. Territories) suggested that mention be made as a footnote to Document 116, for the information of the Administrations, of the fact that Committee 3 had not reached unanimity on the subject of modulation (See Doc.127, para. 1.1.).

He proposed the following wording:

"Although No. 833 of the Atlantic City Radio Regulations states that 'frequency modulation is compulsory in Region 2 and its use is strongly recommended in other Regions' unanimity was not reached at the Region 3 Administrative Radio Conference (Geneva 1949), (See Doc.127), between class A3 and F3 modulations for the VHF Maritime Mobile Radiotelephone Service in the band 152- 162 Mc/s, for Region 3".

- 3.4. After a short discussion between the Chairman, Mr. Verboeket (Indonesia), Mr. Minners (United States Territories) and Mr. McDonald (Australia) it was decided to delete the reference to Document No. 127.
- 3.5. Mr. Creighton (United Kingdom Colonies) stated that No. 833 applied only to 156.8 Mc/s, while the text submitted by Mr. Minners implied that it dealt with the whole band 152-162 Mc/s.
- 3.6. Mr. Minners (United States Territories) considered that, since No. 833 stood separately from Nos. 830, 831 and 832, (214) all of which referred specifically to 156.8 Mc/s, it was still under the heading "Section IV Frequency Band 152 - 162 Mc/s" and so the other frequencies in the band were also included in its reference. He also felt that it was doubtful that frequency modulation was intended to be used on 156.8 Mc/s, and a different type of modulation on the other frequencies in the band.
- 3.7. Mr. Creighton (United Kingdom Colonies) referred to paragraph 198 of the Radio Regulations, where similar wording was used solely with reference to 156.8 Mc/s. He did not wish to go into the intention behind No. 833, but he felt that if it did not refer to 156.8 Mc/s the meaning of the open paragraph would be lost.
- 3.8. Mr. Minners (United States Territories) considered, in reference to No. 198, that it was only ~~customary~~ to draw special attention to frequencies needing special protection or treatment.
- 3.9. Mr. Lalung-Bonnaire (French Oversea Territories) presented another point of view; that of the user. If a ship had a transmitter on 156.8 Mc/s and desired to use a neighbouring frequency it would naturally use the same modulation. Therefore, it seemed that frequency modulation was recommended for the entire band.
- 3.10. Mr. Searle (New Zealand) agreed with the practical viewpoint expressed by Mr. Lalung-Bonnaire and added that the statement of Mr. Minners was only factual, pointing out as it did, the fact that no unanimity was reached.
- Mr. Searle felt that there was no attempt to interpret No. 833.
- 3.11. Mr. Verboeket (Indonesia) suggested that the footnote be changed so that it would merely state that in the Region 3 Administrative Radio Conference no unanimity could be reached and just add a reference to No. 833.
- 3.12. Mr. Creighton (United Kingdom Colonies) considered that he could accept the footnote as worded by Mr. Verboeket, if, the word "unanimity" were deleted. The footnote could point out that there was no decision on a Regional basis but he declined to agree to the use of the word 'unanimity' since the division of opinion was nearer by one to one.
- 3.13. In reply to a question from the Chairman, Mr. Verboeket (Indonesia) affirmed that he wanted to retain mention of No. 833 in the footnote, but would not attempt to interpret it.
- 3.14. Mr. Verboeket then read his wording of the proposed footnote as follows:
"In the Region 3 Administrative Radio Conference (Geneva 1949) no decision could be reached as to the use of A3 or F3 on a regional basis for the frequencies between 152 and 162 Mc/s (See No. 833 of Art. 34 of Radio Regulations, Atlantic City)"

- 3.15. Mr. McDonald (Australia) suggested that the word "agreement" be substituted for "decision" and "on the common" be substituted for "as to the" between the words "reached" and "use" in the second line.
- 3.16. Mr. Creighton (United Kingdom Colonies) stated that he would agree with the proposals if some mention were made of the spot frequencies contained in the document rather than the entire band.
- 3.17. It was finally agreed that the wording of the proposed footnote should read as follows:
- "In the Region 3 Administrative Radio Conference (Geneva 1949) no agreement could be reached on the common use of A3 or F3 emission, on regional basis, for the frequencies between 152 to 162 Mc/s designated in this recommendation." (See No. 833 of para. 15 of Art. 34, Atlantic City Radio Regulations.)
- 3.18. Mr. Minners (United States Territories) desired that the minutes state clearly that he "did not subscribe to the United Kingdom Colonies' interpretation of Regulation No. 933, but agreed to the interpretation expressed by the majority of the delegates who had spoken."
- 3.19. Mr. Siddiki (Pakistan) asked whether the paragraph beginning with the words "on the assumption" Page 2 would be deleted when the final documents were published, since it was for the Plenary Assembly to make such arrangements and not for Committee 5, which did not deal with frequencies above 3.9 Mc/s.
- 3.20. Mr. Searle (New Zealand) replied that the main idea of Committee 3 was to ensure that the recommendation would be listed in the final documents, the exact manner in which it was to be done was not taken into consideration, as the form of the final documents was not yet decided.
- 3.21. The Chairman pointed out that it was up to the Drafting Committee to decide which phrases would appear in the final document.
- 3.22. The recommendations in Document No. 116 were approved as amended above.

It was decided that Docs. 115 and 116 should be re-edited by Committee 2 before being forwarded to the R.1. Conference.

4. Item 4 of the Agenda : Committee 3. Completion of Terms of Reference.

On a suggestion by Mr. Verboeket (Indonesia) it was decided to replace this item of the Agenda by Item 2 of the original Agenda (Document No. 123) which read as follows : "Approval of such of the foregoing reports (Working Group Reports to Committee) as are presented by the Committee Chairmen, and any other business arising out of the Committee Meetings".

4.1. Committee 3 - Completion of Terms of Reference.

- 4.1.1. Mr. Searle (Chairman of Committee 3) announced that in the 18th meeting of Committee (Document 127), a discussion was held on the dissolution of the Committee since it was felt that its Terms of Reference had been completed. In consequence the Working Groups had been dissolved. However, since the Committee had been established by the Plenary Assembly and since special problems might arise in the future for the consideration of Committee 3 it was decided to retain the Chairman, Vice Chairman and Rapporteur and report to the Plenary Assembly that the Committee had fulfilled its Terms of Reference and would go into recess. The Committee could then be reconvened by its Chairman should any further questions be submitted to it by the Plenary Assembly.

Mr. Searle pointed out that the Committee (in Doc. 127) had expressed its thanks for the good work done by the conveners of the Working Groups. He then asked if his suggestion as to the future of Committee 3 met with the approval of the Plenary Assembly.

- 4.1.2. It was decided that Committee 3 could recess subject to being reconvened in case any special questions arose for its consideration.
- 4.1.3. Mr. Sundaram (India) recalled that delegates had often expressed their unstinted praise of the work of Committee 3. He felt that the Conference could now take an overall view of the work of the Committee and agree that this praise was justified and could join with him in an expression of appreciation for the work of the Chairmen, Mr. Searle.
- 4.1.4. Mr. Siddici (Pakistan) supported the statement by Mr. Sundaram and added that he sincerely and heartily praised the work done by Mr. Searle.
- 4.1.5. Mr. Verboeket (Indonesia) felt that the greatest praise he could offer Committee 3 was to point out that their reports were always in such a form that they left the Drafting Committee with very little to do.
- 4.1.6. Mr. Searle (New Zealand) thanked the delegates for their remarks and the Conference for its appreciation of the work of the Committee. He acknowledged the contributions to the success of his work by the conveners of the Working Groups, Mr. McDonald, Mr. Jayasekara, Mr. Minners and Mr. Venkataraman and to the delegates who were always willing to give their assistance.
- In view of the fact that Committee 3 might not have another meeting, Mr. Searle expressed his sincerest thanks to Mr. Creighton, the Vice-Chairman and to the Rapporteur, Mr. Nerurker.
- 4.1.7. On a suggestion by Mr. Creighton (U.K. Colonies) it was decided to allow the Chairman of Committee 3 to approve and sign Document 127, the report of the last meeting of Committee 3.
- 4.1.8. The Chairman moved a vote of thanks to Mr. Searle. This was carried with acclamation.

4.2. Committee 4: Completion of the Terms of Reference.

- 4.2.1. Mr. Sundaram (India) (in the absence of the Committee's Chairman, Mr. Mirza) announced that Committee 4 was in the same situation as Committee 3 and had presented its final report (Doc. 117). He then read to the Assembly the corrections and amendments to Document 117 which Committee 4 had approved at its 8th meeting (See Document 134). He pointed out that the Terms of Reference given in Doc. 117 had been completed and that the Committee felt that since it had finished its work it should be dissolved.

Mr. Sundaram speaking for Mr. Mirza, the Chairman, Mr. Margolf, the other Vice-Chairman and himself, expressed appreciation for the voluminous work done by the Chairmen of the Working Groups. Mr. Mirza had asked him to thank especially Lt. Col. Shahani who had served as rapporteur of the Committee throughout its life.

Mr. Sundaram then expressed the thanks of Mr. Mirza and himself to all the delegates who had corrected their own requirements on the first list which was the basis of all the work and to the Working Group which handled the requirements of unrepresented countries.

4.2.2. Document 117 was approved.

4.2.3. Mr. Creighton (U.K. Colonies) reminded the Assembly that Document 117 had not appeared on the new Agenda (Document 137) and of the fact that the U.K. Colonies had raised points in relation to this document in Committee but had accepted it with the reservation that the U.K. Colonies could raise these points when the document came before the Plenary Assembly.

4.2.4. The Chairman said that Mr. Creighton could take part in the Drafting Group and thus be able to make any editorial change he considered necessary. Also, if he had any question of substance to raise he could do so in a Plenary Meeting.

4.2.5. The proposal that Committee 4 be dissolved, since it had completed its Terms of Reference was approved.

4.2.6. The Chairman expressed the appreciation of the Conference for the voluminous basic task so ably completed by Mr. Mirza, Mr. Sundaram and Mr. Margolf and the Chairmen of the Working Groups.

4.2.7. Mr. Sundaram (India) on behalf of Mr. Mirza and himself, expressed his gratitude for the appreciation shown by the Conference.

4.2.8. It was decided to allow the Vice-Chairman of Committee 4 to approve and sign the minutes of the last meeting of Committee 4.

5. Item 6 of the Agenda: Examination of the problem of Tropical Broadcasting.

5.1. Mr. Lalung-Bonnaire (French Overseas Territories) considered that Item 6 of the Agenda was not ready for examination and asked that it be struck from the Agenda.

He also reported that Committee 5 was awaiting the solution of problems of detail which were not necessary to bring before the Plenary Assembly.

5.2. Mr. Lalung-Bonnaire's request was approved.

6. Item 7 of the Agenda: Consideration of the form of the final documents of the Conference.

6.1. In view of the fact that there would be considerable discussion on Item 7 and since definite opinions had not yet been formed, Mr. Verboeket (Indonesia) proposed that a Working Group be appointed to draft proposals on the subject and these could then be presented to the Plenary Assembly.

- 6.2. After a short discussion between the Chairman, Mr. Verboeket (Indonesia), Mr. Siddiqi (Pakistan) and Mr. Sundaram (India) it was decided to form a Working Group with the following terms of reference:

"To consider the form of the final documents and anything else allied to that problem that might arise, and subsequently to present a document on the subject to be used as a basis for discussion by the Plenary Assembly".

Delegates from the following countries volunteered to participate in the Working Group:

Australia, French Overseas Territories, India, Indonesia, New Zealand, Pakistan, U.K. Colonies, U.S. Territories.

A suggestion by Mr. Verboeket (Indonesia) that Mr. Plakias (U.S. Territories) act as the first Chairman of the Group was agreed to by Mr. Plakias and approved by the Assembly.

Mr. Plakias (U.S. Territories) fixed 09.30 on Friday the 19th of August as the time of the first meeting of the Working Group.

7. Item 5 of the Agenda: Approval of the Minutes of the 6th Plenary Session (Document 130)

- 7.1. After a short discussion between the Chairman, Mr. Sundaram (India) Mr. Verboeket (Indonesia) and Mr. Plakias (U.S. Territories) it was decided that, in order to save the time of the Plenary Assembly any delegates having corrections to Document 130 should submit them to the Secretary, who would publish the corrections proposed so that they could be discussed at the next meeting.

A deadline of 17.00 hours, the 17th of August was set for the submission of corrections.

- 7.2. The meeting was closed at 20.00 hours.

Rapporteur:

G.A. Coddington

Secretary:

A.K. Dobbie

Chairman:

S.S. Moorthy Rao

25 August 1949

for Region 3
GENEVA, 1949

COMMITTEE 5

In submitting the Working Groups' first draft frequency list for Broadcasting in the 535-1605 kc/s band, the Coordination Group of Committee 5 would like to explain the reasons for the form of presentation adopted.

In this form Columns 1 to 13 are the same as those of the International Frequency List appearing in Appendix 6 of the Radio Regulations of Atlantic City, 1947.

Columns 2, 3, 7, 9, 11, 12 and 13 appear but are blank because it was felt that the present Administrative Radio Conference for Region 3 could not take a decision here, or else because the necessary details were not included in the information supplied.

Columns A and B have been added so that Administrations can look up the frequencies allocated for the various requirements they submitted.

Lastly, to facilitate research, an alphabetical index of countries, annexed hereto, shows the frequencies allocated to each country which submitted requirements in the band for the service in question.

J. Lalung-Bonnaire,

Chairman
For the Coordination Group.

Note - The Frequency List mentioned in this document was distributed only to participants in the Region 3 Conference and to other organs of the I.T.U. concerned, on Wednesday 24 August 1949. This List has no number and as there were only a limited number of copies there will be no general distribution. Additional copies are obtainable from the Secretariat of the Conference for Region 3.

ANNEX

<u>Country</u>	<u>Frequency assigned in kc/s</u>									
AFGHANISTAN	540	1160	1310							
AUSTRALIA	540	550	560	580	590	600	610	620	630	
	640	650	660	670	680	690	700	710	720	
	730	740	750	760	770	780	790	800	810	
	820	830	850	860	870	880	890	900	910	
	920	930	940	950	960	970	980	990	1000	
	1010	1020	1030	1040	1050	1060	1070	1080	1090	
	1100	1110	1120	1130	1140	1150	1160	1170	1180	
	1190	1200	1210	1220	1230	1240	1250	1260	1270	
	1280	1290	1300	1310	1320	1330	1340	1350	1360	
	1370	1380	1390	1400	1410	1420	1430	1440	1450	
	1460	1470	1480	1490	1500	1510	1540			
BURMA	950									
CHINA	540	560	580	600	610	620	660	680	700	
	720	730	740	750	760	780	790	800	820	
	830	840	850	860	870	880	890	900	910	
	920	930	940	960	980	990	1000	1010	1020	
	1030	1040	1060	1080	1100	1110	1120	1130	1140	
	1160	1200	1210	1220	1230	1240	1260	1270	1280	
	1290	1300	1310	1320	1330	1340	1360	1370	1380	
	1390	1400	1420	1430	1440	1470				
FRANCE OVERSEAS										
Indo-China	1360									
New Caledonia	1400									
French Oceania	1400									
INDIA	540	550	560	590	600	620	650	660	670	
	680	690	720	730	740	760	770	780	800	
	810	820	840	850	860	890	910	930	940	
	960	970	980	990	1000	1020	1040	1060	1070	
	1110	1120	1130	1180	1190	1200	1220	1230	1240	
	1250	1280	1290	1300	1320	1330	1350	1360	1370	
	1390	1400	1420	1440	1460	1470	1480	1490	1510	
	1520	1530	1540	1550	1560	1570	1580	1590	1600	
IRAN	900	950								
KOREA (Republic of)	600	630	640	710	740	760	780	800	820	
	840	860	880	920	970	1000	1030	1230		
NEW ZEALAND	570	650	690	720	750	780	800	860	880	
	900	920	940	960	970	980	1010	1040	1070	
	1100	1130	1140	1160	1180	1190	1200	1250	1280	
	1310	1340	1370	1390	1420	1430	1440	1460	1480	
	1500									

<u>Country</u>	<u>Frequency assigned in kc/s</u>									
PAKISTAN	570	580	630	710	750	790	830	870	1010	
	1030	1050	1080	1090	1100	1140	1150	1170	1210	
	1260	1270	1340	1380	1410	1430	1450	1500		
PHILIPPINES (Republic of the)	600	620	650	680	710	760	780	800	840	
	900	940	1030	1060	1120	1140	1260			
PORTUGUESE COLONIES										
Goa	880									
Macao	760									
Timor	940									
UNITED KINGDOM COLONIES										
Ceylon	640	700	870	920	1050	1310				
North Borneo	790	1230								
Fiji Islands	840	930								
UNITED STATES TERRITORIES										
Marian Islands	660	1300	1380	1460	1530					
Philippines	960									
Ryukyu (U.S.A.)	1180									
Japan (S.C.A.P.)	550	560	570	590	610	620	630	650	670	
	680	690	700	720	730	740	770	790	800	
	810	820	830	840	860	870	880	890	900	
	910	920	930	940	950	980	990	1000	1010	
	1020	1030	1040	1050	1060	1070	1080	1090	1100	
	1110	1120	1130	1140	1150	1160	1170	1190	1200	
	1210	1220	1230	1240	1250	1260	1270	1280	1290	
	1310	1320	1330	1340	1350	1360	1370	1380	1390	
	1400	1410	1420	1430	1440	1450	1460	1470	1480	
	1590	1510								
Ryukyu (S.C.A.P.)	1000	1200	1400							

23 August 1949

for Region 3
GENEVA, 1949

COMMITTEE 5.Committee for the Allocation of FrequenciesReport of the 9th Meeting23rd August 1949

1. The Chairman Mr. Lalung-Bonnaire (French Overseas Territories) opened the Meeting at 2 p.m.
2. Document 138 was adopted without amendment.
3. The Meeting proceeded to discuss the question of Tropical Broadcasting. The subject was introduced by Mr. Nerurkar, Chairman of the Tropical Broadcasting Group, who stated that the Documents concerned were Nos. 131, 139 and 145. Many difficulties were experienced in the Group.
4. Compromises had been made in as much as certain channels were separated by 9 kc/s instead of the preferred 10 kc/s.
5. The protection ratio had also of necessity, in most cases been reduced below the figure recommended by Committee 3
6. Administrations might well be invited to adopt all measures which were in the interests of Tropical Broadcasting.
7. Mr. Nerurkar stated that whereas the 3 Mc/s band presented serious difficulties, the 2 Mc/s band difficulties were less severe.
8. Time charts showing actual hours of operation for Tropical Broadcasting Stations had been prepared, and these could be used for easing the operation of sharing with the fixed services.
9. In respect of the two bands most countries were in agreement. Pakistan however had made a reservation in respect of a Portuguese Colonies' station at Goa, (Reference Document 145, paragraph 3.) in the 3 Mc/s band.
10. The Chairman mentioned that he had seen the National Member for Portugal on the P.F.B., who had already contacted the Administration of the Portuguese Colonies to ascertain its opinion in the matter of possibly reducing the power of the station at Goa.
11. Capt. Siddiqi (Pakistan) stated that the Portuguese station (Goa) would create too much interference of an adjacent channel nature. Pakistan may be obliged to increase power if Goa does not reduce power.
12. Mr. Verboeket (Indonesia) suggested that the channels may be rearranged, to overcome the problem, but Mr. Nerurkar felt that there was no way of achieving a better plan by such further readjustment.
13. Capt. Siddiqi (Pakistan) suggested an interchange of Channels 6 and 8.
14. Mr. Nerurkar (India) could not agree with this suggestion because of its effect in relation to Indian stations.

15. The Chairman suggested that the first suggestion of Pakistan was the best - in that if Goa did not reduce power, Pakistan reserved the right to increase power by the required amount to overcome harmful interference.
16. Captain Siddiqi (Pakistan), agreed and said this increase would be to an upper limit of 20 kW - the same power as Goa.
17. Mr. Creighton (U.K. Colonies) said such increases in power would affect the U.K. Colonies' viewpoint, but after further discussion the objection was withdrawn.
18. Mr. Creighton (U.K. Colonies) raised other objections in respect of Channels 10 and 20.
19. He said that he had raised the matter with his Administration. In respect of Channel 10 the figure 0.5 kW should be 0.05 kW. It may be necessary to raise power in these channels (10 and 20) to 500 W and a reservation was made accordingly.
20. Mr. Lalung Bonnaire (French Overseas Territories) asked whether the Delegate of China would accept an inter-change in Channels 4 and 8 insofar as Kunming and Chungking were concerned, to improve conditions at Vientiane. Mr. Nerurkar (India) objected on account of implications on Indian stations.
21. The Chairman announced that word had now been received that Portugal would reduce power to 10 kW, and consequently there was no longer need for a reservation in the matter (Ref. para.11). Captain Siddiqi agreed.
22. In respect of 21, there was a lengthy discussion on the part of the Delegates of India, French Overseas Territories, Indonesia, Pakistan.
23. It was agreed that there should be mutual discussions between India, China and French Overseas Territories with a view to improving the position of Vientiane. Any other countries concerned would be invited to such discussions.
24. There were no other objections to the plan, and the plan was accordingly approved by the Committee.
25. Mr. Nerurkar (India) stated that in Doc. 139 (Annex) under China, Koeyang should be read as Kweiyang. under U.K. Colonies, Singapore should be read as Singapore and in Document 145, under China, Nanking should be read as Nanning, and under Indonesia, Malung should be read as Malang.
26. Document 131 was next discussed. The Chairman drew attention to certain errors in the Document, particularly in respect of the figures. Mr. Nerurkar undertook to go into the matter further and to contact the author of the document.

27. Document No. 131 was not approved as it was not now required for the work of the Committee.
28. Document No. 145 was next discussed. This Document indicates that Document No. 139 is already approved by the Group.
29. Document No. 145 was adopted, subject to the references to "fixed services" be amended to "fixed and mobile services", viz. para. 5 and sub-paras. 5 (a), 5 (b), and 5 (c).
30. The Chairman thanked the members of the Committee who had taken part in the Group and particularly Mr. Nerurkar for the considerable amount of work done and the completion of the Tropical Broadcasting Plan.
31. The Chairman drew attention to the fact that at least 300 copies of the draft list would be required.
32. The Committee considered this number to be adequate.
33. The Chairman described the work yet to be done and stated that there were difficulties in zones B C D and E. This issue had been brought to the notice of countries in these zones. The Committee was now awaiting the completion of cards by India. It was hoped that these would be complete by noon tomorrow - i.e. 24th August.
34. The Chairman then outlined methods of conducting outstanding work.
35. The question of Amateur Services was raised by the Chairman. It was decided to hold another meeting to discuss this subject, at 2 p.m. on 24th August.
36. Mr. Nerurkar (India), made the following statement in respect of the Tropical Broadcasting Plan:-

Statement of India

Committee 5

The Delegation of India would take the liberty of stating its views on the Tropical Broadcasting Plan evolved by the Group.

The Delegation of India has gone a long way to cooperate with the rest of the Group in preparing a draft assignment plan in the 3 Mc/s band for broadcasting. My Delegation does not wish to oppose the proposed draft for the reason that it has been generally agreed to by various Delegations. However, I wish to take this opportunity to state that we are greatly perturbed over the method adopted in preparing this plan, viz. the lowering of technical standards to an extremely unsatisfactory degree. In the opinion of my Delegation the only rational and satisfactory approach would have been to effect equitable reductions in the number of requirements and to transfer part of the requirements to the 2 Mc/s band wherein congestion is not so great. We have indicated provisional agreement to the plan only with a view to help the Conference to go along with its work. However the final agreement rests with an Administration

who would have to study in the minutest detail the proposed assignments.

I should like to state further that my Delegation considers it necessary for all Administrations to cooperate in mutual interests during the implementation of the plan, if it is finally adopted, and to make such adjustments as are possible within the framework of the plan in order to make it work better than it promises to do on paper.

37. Mr. Nerurkar (India), thanked the Committee for its expression of thanks to himself and the Tropical Broadcasting Group.
38. The Meeting closed at 4 p.m.

Reporters:

E. L. Magolf
G. Searle

The Chairman:

J. LALUNG-BONNAIRE

NOTE BY THE SECRETARIAT

In accordance with the decision of Committee 1 on August 23rd, no further weekly schedules of meetings will be issued.

Plenary Sessions will be called by an agenda published two days beforehand.

Committee meetings will be convened by Committee Chairmen either by a notice on the notice board or by a published agenda, giving in either case twenty four hours notice.

Working Group meetings will be held as necessary, the Chairmen convening same as they consider fit.

NOTE DU SECRETARIAT

Conformément à la décision prise par la Commission 1, au cours de sa séance du 23 août, l'horaire hebdomadaire des séances ne sera pas publié à l'avenir.

Les séances plénières seront annoncées par un ordre du jour publié deux jours auparavant.

Les réunions de commissions seront annoncées, soit par un avis affiché au tableau, soit par un ordre du jour, avec un préavis de vingt-quatre heures, dans les deux cas.

Les réunions des Groupes de travail auront lieu, selon les exigences, sur convocation de leurs présidents respectifs.

for Region 3
GENEVA, 1949

COMMITTEE 1

Report of the Steering Committee

17th Meeting - 23rd August, 1949

The meeting was opened at 16.00 hours by the Chairman, Mr. S.S. Moorthy Rao.

1. Item 1 of the Agenda : Consideration of the Chairman's Oral report to the Administrative Council.

1.1. The Chairman announced that he had received a request from the Secretary-General of the I.T.U. to make an oral report to the Administrative Council on the state of the work of the Region 3 Conference. He said that he had called the meeting in order to ascertain whether his views agreed with those of the Chairmen of the Committees.

1.2. After a short discussion between the Chairman, Mr. Sundaram (India), Mr. Verboeket (Indonesia), Mr. Searle (New Zealand), Mr. Lalung-Bonnaire (French Oversea Territories) and Mr. McDonald (Australia), it was decided that the Chairman, in his oral report, should present only actual facts, such as:

- 1) Band assignment plans completed;
- 2) band assignment plans being completed; and
- 3) those yet to be undertaken.

It was also agreed that the Chairman might refer the Administrative Council to the date of 1st October, 1949 as a probable date for the end of the Conference and that he might state that the actual expenditure compared favourably with the budget established for Region 3 by the Administrative Conference. However, it was agreed that any remarks as to the future work of the Conference would represent the personal opinion of the Chairman, and not any decision of the Conference, as no such decision had been taken.

Item 2 of the Agenda : Approval of the Reports of the 14th, 15th and 16th meetings of Committee 1 (Documents 126, 132 and 136)

2.1. Document 126

2.1.1. The Chairman informed the Committee that the Secretary had written again to the authorities responsible for the sanitary conditions in the Maison des Congrès (See para N° 3.4. of Document 126).

2.1.2. Document N° 126 was approved without comment.

2.2. Document N° 132 was approved without comment.

2.3. Document N° 136 was approved without comment.

3. Item 3 of the Agenda : Revised Budget of Committee 3.

3.1. At the request of the Chairman, the Secretary, explained that in accordance with the decision taken in the 16th meeting of Committee 1 (see doc. 136, para N° 1.5.), the Chairman had written to the Secretary-General asking him to draft a common finance document for the four Conferences. A member of the accounting staff of the Union had contacted the Secretary and a new budget identical in form to that for the Region 1 Conference had been drawn up (see Annex).

3.2. After a short discussion between the Chairman, Mr. Verboeket (Indonesia), Mr. Searle (New Zealand), Mr. Lalung-Bonnaire (French Oversea Territories) and Mr. McDonald (Australia) the proposed budget was approved subject to a reconsideration on any special point which may be brought up by the Special Finance Committee which would meet immediately after the meeting*.

Item 4 of the Agenda : Any other business.

4.1. The Secretary reported that he had received an article on the Region 3 Conference intended for the Telecommunications Journal of the I.T.U. Although lengthy, the article said little of the work accomplished by the Conference.

4.2. It was decided to advise the Editor of the Journal that the Region 3 Conference was of the opinion that as the Conference was still in session it would be premature to publish the article, and even as it stood the article needed revision and correction before it could be published.

4.3. In view of the state of the work of the Conference it was decided to discontinue issuing a weekly schedule of meetings. Plenary Sessions would be convened with two days notice while Committee Chairmen could convene Committee meetings with 24 hours notice and Chairmen of Working Groups could hold meetings without notice, unless interpretation was needed, in which case the Secretariat would appreciate being given some notification beforehand in order to provide the services required. (A notice to this effect will be circulated by the Secretary).

4.4. The meeting was closed at 17.52 hours.

* This Financial Committee after scrutiny decided that there were no special points to be brought up to the Executive Committee.

Rapporteur:

Secretary:

Chairman:

G.A. Coddling

A.K. Dobbie

S.S. Moorthy-Rao

ANNEX A
MONTHLY ESTIMATE

Staff Expenses incurred by the Conference for Region 3

Service	Apportionment of expenses	Expenses chargeable to the Conference for Region 3
<u>Administrative Service</u>		<u>Swiss Francs</u>
Mr. Dobbie and his secretary	Region 3 only	3.286
Reception and inquiry bureau	PFB - Reg.1 - Reg.3	493
Administrative Secretary	Reg.1 - Reg.3	706
Messenger	Reg.1 - Reg.3	283
		<u>4.768</u>
Plus 10% overhead expenses		<u>477</u>
		<u>5.245</u>
<u>Linguistic Service</u>		
* Technical revisers (2)	PFB - Reg.1 - Reg.3 (25% for Reg.3)	1.200
* Minute writers (2)	Reg.1 - Reg.3	1.322
* Typists for minute writers (2)	Reg.1 - Reg.3	747
Interpreters (2)	Reg.3 only	3.308
Linguistic Secretariat (Head of the Linguistic Service, his secretary and 2 clerks)	PFB - Reg.1 - Reg.3 (25% for Reg.3)	1.000
		<u>7.577</u>
Plus 10% overhead expenses		<u>758</u>
		<u>8.335</u>
Translation and revision (14 translators)(incl. 10% O/H)	PFB - Reg.1 - Reg.3 (25% for Reg.3)	4.800
Typists' Pool (incl.25% O/H) (21 typists)	do	5.300
		<u>18.435</u>
<u>Duplicating Service</u>		
Distribution of Documents (4 employees)	PFB - Reg.1 - Reg.3 (25% for Reg.3)	700
Plus 10% overhead expenses		<u>70</u>
		<u>770</u>
Roneo Service (15 employees)	PFB - Reg.1 - Reg.3 (25% for Reg.3)	2.100
		<u>2.870</u>

* These figures are for the first two months of the Conference. At the present time the details are : Techn. Rev. 0; Minute writer 1; typist for minute writer 1.

ANNEX B

Summary of monthly expenses
chargeable to the Conference for Region 3.

	<u>Present estimate</u>	<u>Budget estimate of the A.C.</u>
1. Staff		
(a) Administrative service	5.245	4.700
(b) Linguistic service	18.435	53.500
(c) Duplicating and distribution service	2.870	3.800
(d) Supplementary staff for Region 3	1.650	
2. Rent	3.800	1.400
3. Supplies, including installation	8.500 (*)	2.300
4. Unforeseen	700	700
5. Insurance (**)	4.000	9.300
	<u>45.200</u>	<u>75.700</u>

(*) This figure covers the printing of the field intensity tables (3.500 frs.) and the frequency assignment lists (est. 5.000 frs.)

(**) 15% of staff salaries.

COMMITTEE 5

REPORT BY THE COMMITTEE
FOR THE ALLOCATION OF FREQUENCIES

10th Meeting - 24th August, 1949.

1. The Chairman drew the attention of the Committee to the bands which amateurs may use i.e. 1800 - 2000 kc/s and 3500 - 3900 kc/s and referred to Document 133 presented by the U.S. Territories Delegation. This document proposed to allocate the bands 1800 - 1825 kc/s and 1875 - 1900 kc/s or 1900 - 1925 kc/s and 1975 - 2000 kc/s to amateurs on a non interference basis with the Loran System, and limit the power of amateur stations to 50 watts by night and 200 watts by day.
2. Capt. Siddiqi (Pakistan) asked whether the bands were to be considered one after the other or whether the discussion was to be confined in the first instance to the band 1800 - 2000 kc/s.
3. The Chairman thought it was better to consider both bands 1800 - 2000 kc/s and 3500 - 3900 kc/s separately for the sake of convenience.
4. Mr. Creighton (U.K. Colonies) raised a matter of principle and said no Administrative Conference could change the allocations of the bands allocated by the Atlantic City Conference. He also stated that in this document amateurs were given priority over other services, i.e. fixed and mobile services, whereas the spirit of the Atlantic City Regulations gave equal priority to each service. He also drew attention to number 147 footnote 33, page 29E of the Radio Regulations.
5. Mr. Dobbyn (Australia) stated that amateurs in Australia were not provided for in this band since at the time of the Atlantic City Conference important official services like Loran etc., were operating in the band 1800 - 2000 kc/s. It has been decided that the operation of amateur stations would not be permitted in this band, at least for the time being.
6. Capt. Ranji (India) supported Mr. Creighton's point of view so far as the question of equal priority was concerned.
7. Mr. Searle (New Zealand) while supporting Mr. Creighton's point of view was of the opinion that fixed and mobile services were provided with specific frequencies, whereas amateur services were not, and accordingly great care had to be taken to avoid placing amateur services in an inferior position. Special consideration had therefore to be given to the amateur services.
8. Mr. Creighton (U.K. Colonies) on a question from Mr. Searle as to how mutual interference would be avoided and amateur and other services protected on an equal basis replied that it was entirely up to the administrations to see that harmful interference to other services was eliminated.
9. Mr. Chung (China) asked whether in the proposal of the U.S. Territories it was the intention to exclude the fixed and mobile services. Mr. Margolf (U.S. Territories) replied in the affirmative.

10. Mr. Chung (China) then declared that if such was the case the proposal was unacceptable to him.
11. Capt. Siddiqi (Pakistan) stated that the proposal discriminated against fixed and mobile services which was against the spirit of the Atlantic City Regulations and was unacceptable to his delegation.
12. Mr. Margolf (U.S. Territories) stated that the restriction on amateur operation would only apply for those areas where the Loran System was operating.
13. Capt. Ranji (India) proposed 100 kc/s for amateurs.
14. Mr. Sundaran (India) could not agree with the proposal of Mr. Margolf for the same reasons as those given by China and Pakistan.
15. Mr. Searle (New Zealand) contested the point that the proposal was against the spirit of the Atlantic City Conference. The proposal might well be regarded as an invitation to Administrations to allocate the band to amateur services subject to non interference with Loran. New Zealand would probably allocate this band to amateurs, subject to the development of the Loran System.
16. Mr. Verboeket (Indonesia) stated that, due to the very high noise level in Indonesia, this country has no need for special amateur frequencies in the band 1800 - 2000 kc/s. With regard to the proposed power limits for amateur transmitters he considered it unwise to set a separate limit for day and night time operation and suggested a uniform power for day and night.
17. Mr. Creighton (U.K. Colonies) asked whether the decision referred to in paragraph 1(d) of the document was the decision of the Region 2 Administrative Conference or of F.I.A.R.
18. Mr. Margolf (U.S. Territories) described the functions of the Region 2 Administrative Conference and of F.I.A.R. and stated that he was not sure whether there was complete agreement between all the administrations present.
19. After further discussion in which Mr. Minners (U.S. Territories), Mr. Dobbyn (Australia), and Mr. Creighton (U.K. Colonies) took part, the Chairman asked the opinion of the individual national members present and regretted that the Philippines delegate was not present, but since the Loran System was operating in that area he expected him to support the proposal as contained in Document 133.
20. Mr. Margolf (U.S. Territories) stated that in the U.S. Territories the band 1800 - 2000 kc/s would be allocated to amateurs and Loran, and amateurs were to operate under conditions as given in Document 133.
21. Mr. Cooke (U.S. Territories) said that in Japan there was to be no amateur allocation in this band for the present, and that the band would be shared by fixed and mobile services.
22. Capt. Siddiqi (Pakistan) stated that Pakistan will use the band for amateur, fixed and mobile services. He added that his administration had not many requirements for fixed and mobile services in this band and it would not be difficult to accomodate amateurs satisfactorily in this particular band.

23. Mr. Searle (New Zealand) stated that his administration was keeping the band clear at present. It may be given to amateur services, on a non-interfering basis with Loran, later.
24. Mr. Verboeket (Indonesia) repeated that in his country there was no specific need for amateur frequencies in the band 1800 - 2000 kc/s. However, if neighbouring countries wanted to reserve a certain part of the band for the exclusive use of the amateur service, Indonesia would protect this part of the band as far as possible.
25. Mr. Sundaram (India) was unable to accept any binding agreement. 50 kc/s might possibly be allocated but he favoured his administration deciding what band they could allocate to amateurs.
26. Mr. Dobbyn (Australia) again mentioned that amateur operation in this band would not be permitted at present. Australia intended to use this band for fixed and mobile services, keeping in view the definite allocations to Loran.
27. Mr. Chung (China) had no request for amateurs and would use the band for fixed and mobile services. He also pointed out that Loran was limited to either 1800 - 1900 kc/s or 1900 - 2000 kc/s and as such would reserve the 100 kc/s for fixed and mobile services, ensuring sufficient protection for Loran.
28. Mr. Creighton (U.K. Colonies) would reserve the whole band for all services as indicated in the Atlantic City Regulations.
29. Mr. Hussein (Afghanistan) agreed with Mr. Creighton.
30. The Chairman then summed up and said that it would not be possible to prepare a list for the band 1800 - 2000 kc/s. He considered that as the position and width of the band to be allocated to amateurs by administrations were not known, they could not plan any protection nor take too great a risk.
31. Mr. Sundaram (India) did not agree with the remark of the Chairman. He thought that administrations were the licensing authorities for amateurs and as such could decide what band to give to amateurs and as such were under obligation to clear any harmful interference to neighbouring countries.
32. Mr. Rao (India) recounted what happened in the Atlantic City Conference and stated that amateurs should operate in such a way as not to cause harmful interference to otherservices. Amateur assignments were not registered in Berne Bureau and as such the administrations concerned were the responsible authorities for clearing any harmful interference created by amateurs.
33. Capt. Siddiqi (Pakistan) stated that amateurs were a luxury for most of the time. No doubt they helped in the scientific development of the art of radio but they are not a necessity to administrations. Governments can survive without amateurs but an efficient administration cannot be run without an efficient communication service.
34. Mr. Searle (New Zealand) stated that channel assignments could be made to other services except amateurs. Unless there were concrete ideas expressed he did not see how a list could be established for the band. He contested the point of view that the amateur service was secondary to any other service.

In New Zealand amateurs played an important part in hazardous and abnormal conditions apart from their more usual functions. These conditions related to earthquake, flood and fire operations. He could under no circumstances admit that in the shared bands under discussion, the amateur services had other than equal priority to the fixed and mobile services.

35. Mr. Verboeket (Indonesia) asked the opinion of the French Overseas Territories.
36. The Chairman in the capacity of a delegate of the French Overseas Territories stated that they had no intention of giving allocations to amateurs in this band but if the allocations of other countries were known they would endeavour to give protection to neighbouring administrations.
37. Mr. Verboeket (Indonesia) pointed out that this point of view was the same as that held by Indonesia.
38. Mr. Rao (India) then referred to number 159 on page 37E of the Radio Regulations and said that the point of view of the Chairman and Mr. Verboeket (Indonesia) was correct.
39. Mr. Rao (India) then suggested adjourning the meeting to make room for the Plenary Session.
40. The meeting adjourned at 1600 hours.

Reporter :

M. R. Siddiqi

Chairman :

J. Lalung-Donnaire

for Region 3
GENEVA, 1949

COMMITTEE 5

REPORT BY THE COMMITTEE
FOR THE ALLOCATION OF FREQUENCIES

10th Meeting - 24th August, 1949

1. Chairman drew the attention of the Committee to the bands which amateurs may use i.e. 1800 - 2000 kc/s and 3500 to 3900 kc/s and referred to Doc. 133 presented by the U.S. Territories Delegation. This document proposed to allocate the bands 1800 to 1825 kc/s and 1875 - 1900 kc/s or 1900 - 1925 kc/s and 1975 - 2000 kc/s to amateurs on a non interference basis with the Loran System, and limit the power of amateur stations to 50 watts by night and 200 watts by day.
2. Capt. Siddigi (Pakistan) asked whether the bands were to be considered one after the other or whether the discussion was to be confined in the first instance to band 1800 - 2000 kc/s.
3. Chairman thought it was better to consider both bands 1800 - 2000 kc/s and 3500 - 3900 kc/s separately for the sake of convenience.
4. Mr. Creighton (U.K. Colonies) raised a matter of principle and said no Administrative Conference could change the shape of the bands allocated by the Atlantic City Conference. He also stated that in this document amateurs were given priority over other Services, i.e. fixed and mobile services, whereas the spirit of the Atlantic City Regulations gave equal priority to each service. He also drew attention to number 147 footnote 33, page 29E of the Radio Regulations.
5. Mr. Dobbyn (Australia) stated that amateurs in Australia were not allowed to operate in this band since at the time of the Atlantic City Conference important official services like Loran etc., were operating in the band 1800 to 2000 kc/s.
6. Capt. Ranji (India) supported Mr. Creighton's point of view so far as the question of equal priority was concerned.
7. Mr. Searle (New Zealand) while supporting Mr. Creighton's point of view was of the opinion that fixed and mobile services were provided with specific bands whereas amateurs were not.
8. Mr. Creighton (U.K. Colonies) on a question from Mr. Searle as to how harmful interference would be eliminated replied that it was entirely up to the administrations concerned to allocate frequencies and also to see that harmful interference to other services was eliminated.
9. Mr. Chung (China) asked whether in the proposal of the U.S. Territories it was the intention to exclude the fixed and mobile services. Mr. Margolf (U.S. Territories) replied in the affirmative.
10. Mr. Chung (China) then declared that if such was the case the proposal was unacceptable to him.

11. Capt. Siddigi (Pakistan) stated that the proposal discriminated against fixed and mobile services which was against the spirit of the Atlantic City Regulations and was unacceptable to his delegation.
12. Mr. Margolf (U.S. Territories) stated that the restriction on amateur operation would only apply for those areas where the Loran System was operating.
13. Capt. Ranji (India) proposed 100 kc/s for amateurs.
14. Mr. Sundaram (India) could not agree with the proposal of Mr. Margolf for the same reasons as those given by China and Pakistan.
15. Mr. Searle (New Zealand) contested the point that the proposal was against the spirit of the Atlantic City Conference. He stated that the Document was valuable since it gave valuable information in respect of areas where the Loran System was operating. So far as New Zealand was concerned it would allocate this band to amateurs subject to the development of the Loran System.
16. Mr. Verboeket (Indonesia) stated that Indonesia had no need for amateur operation and suggested a uniform power for day and night.
17. Mr. Creighton (U.K. Colonies) asked whether the decision referred to in paragraph 1(d) of the document was the decision of the Region 2 Administrative Conference or of F.I.A.R.
18. Mr. Margolf (U.S. Territories) described the functions of the Region 2 Administrative Conference and of F.I.A.R. and stated that he was not sure whether there was complete agreement between all the administrations present.
19. After further discussion in which Mr. Minners (U.S. Territories) Mr. Dobbryn (Australia), and Mr. Creighton (U.K. Colonies) took part, the Chairman asked the opinion of the individual national members present and regretted that the Philippines delegate was not present, but, but since the Loran System was operating in that area he expected him to support the proposal as contained in Doc. 133.
20. Mr. Margolf (U.S. Territories) stated that in the U.S. Territories the band 1800 to 2000 kc/s would be allocated to amateurs and Loran, and amateurs were to operate under conditions as given in Doc. 133.
21. Mr. Cooke (U.S. Territories, S.C.A.P.) said that in Japan there was to be no amateur allocation in this band and the band would be shared with fixed, mobile and Loran services.
22. Capt. Siddigi (Pakistan) stated that Pakistan will use the band for amateur, fixed and mobile services. He added that his administration had not many requirements for fixed and mobile services in this band and it would not be difficult to accommodate amateurs satisfactorily in this particular band.
23. Mr. Searle (New Zealand) was keeping this band for amateurs, at present working on a non-interference basis with Loran.

24. Mr. Verboeket (Indonesia) had no request for amateurs. Indonesia would however, respect any specific band for amateurs as agreed to in Region 3.
25. Mr. Sundaram (India) was unable to accept any binding agreement. 50 kc/s might possibly be allocated but he favoured his administration deciding what band they could allocate to amateurs.
26. Mr. Dobbyn (Australia) stated that amateur operation in this band would not be permitted at present. They would use this band for fixed and mobile services, keeping in view the definite allocations to Loran.
27. Mr. Chung (China) had no request for amateurs and would use the band for fixed and mobile services. He also pointed out that Loran was limited to either 1800 to 1900 kc/s or 1900 to 2000 kc/s and as such would reserve the 100 kc/s for fixed and mobile services, ensuring sufficient protection for Loran.
28. Mr. Creighton (U.K. Colonies) would reserve the whole band for all services as indicated in the Atlantic City Regulations.
29. Mr. Hussein (Afghanistan) agreed with Mr. Creighton.
30. The Chairman then summed up and said that it would not be possible to prepare a list for the band 1800 to 2000 kc/s. He considered that as the position and width of the band to be allocated to amateurs by Administrations were not known, they could not plan any protection nor take too great a risk.
31. Mr. Sundaram (India) did not agree with the remark of the Chairman. He thought that administrations were the licensing authorities for amateurs and as such could decide what band to give to amateurs and as such were under obligation to clear any harmful interference to neighbouring countries.
32. Mr. Rao (India) recounted what happened in the Atlantic City Conference and stated that amateurs should operate in such a way as not to cause harmful interference to other sources. Amateur assignments were not registered in Berne Bureau and as such the administrations concerned were the responsible authorities for clearing any harmful interference created by amateurs.
33. Capt. Siddigi (Pakistan) stated that amateurs were a luxury for most of the time. No doubt they helped in the scientific development of the art of radio but they are not a necessity to administrations. Governments can survive without amateurs but an efficient administration cannot be run without an efficient communication service.
34. Mr. Searle (New Zealand) stated that channel assignments could be made to other services except amateurs. Unless there were concrete ideas expressed he did not see how a list could be established for the band. He contested the point of view that the amateur service was secondary to any other service. In New Zealand amateurs played an important part in hazard and abnormal conditions such as earthquake and firefighting conditions.
35. Mr. Verboeket (Indonesia) asked the opinion of the French Overseas Territories.

36. The Chairman in the capacity of a delegate of the French Overseas Territories stated that they had no intention of giving allocations to amateurs in this band but if the allocations of other countries were known they would endeavour to give protection to neighbouring administrations.
37. Mr. Verboeket (Indonesia) held the same view.
38. Mr. Rao (India) then referred to number 159 on page 37E of Radio Regulations and said that the point of view of the Chairman and Mr. Verboeket (Indonesia) was correct.
39. Mr. Rao (India) then suggested adjournment of Meeting to make room for the Plenary Session.
40. The Meeting adjourned at 1600 hours.

Reporter:

M. R. Siddigi

Chairman;

Lalung Bonnaire

COMMITTEE 5

The following alphabetical index of the Draft Frequency List concerns the Exclusive Maritime Mobile Bands 415 - 490 kc/s and 2065 - 2100 kc/s. It was prepared in the same way as that annexed to Document No 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>									
AUSTRALIA	420	430	435	440	445	450	460	464	468	
	472	476	480	2072	2080	2085	2100			
(New Guinea	430	435	440	445	472	476				
BURMA	416	2065								
CHINA	416	418	430	432	435	440	442	445	452	
	458	460	462	465	472	474	476	486	487.5	
	490									
PORTUGUESE COLONIES										
(Goa	417	430								
UNITED KINGDOM COLONIES										
(Ceylon	436	464								
(North Borneo	490									
(Fiji Is.	448									
(Gilbert & Ellice Is.	442									
(Hongkong	430	435								
(Malaya	419	452	486							
(Solomon Is.	420	472								
(Sarawak	485									
(Tonga Is.	416	441	490							
(Line Is.	422									
FRENCH OVERSEAS TERRITORIES										
(Indo-China	417	460	477.5							
(New Caledonia	416	432								
(Fr. Oceania	416	432	438							
(New Hebrides	432	470								
INDIA	460	472	476							
INDONESIA	430	445	458	474	487.5					
IRAN	428	430	452.5							
KOREA (Republic of)	434	448	458	464	484					
NEW ZEALAND	417	483								
(Cook Is.	483									
(Samoa Is.	483									
PAKISTAN	422	2080	2100							

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>									
PHILIPPINES (Republic of the)	416	417	418	420	430	432	434	436	438	
	441	442	444	447	452.5	458	460	465	476	
	477.5	483	484	486	2065	2070	2075	2080	2085	
	2100									
SIAM	462									
UNITED STATES TERRITORIES										
(China	422									
(Iwo Jima	422	450	484							
(Japan (U.S.A.)	422	428	440	450	476					
(Carolina Is.	422	450	484							
(Mariana Is.	418	422	436	440	447	450	458	460	472	
	476	484								
(Palmyra Is.	422	447	450	464						
(Samoa Is.	422	450	472							
(Wake Is.	422	450	458							
(Marshall Is.	416	422	440	450						
(Philippines	422	428	450	464	472					
(Ryukyu (U.S.A.)	428									
(Japan (S.C.A.P.)	416	418	422	425	430	432	436	438	444	
	446	454	460	462	468	472	2065	2070	2075	
	2080	2091								

for Region 3
GENEVA, 1949

MINUTES OF THE 8TH PLENARY SESSION
Held on Wednesday, 24th August, 1949

The meeting was opened at 16.25 hours by the Chairman, Mr. S.S. Moorthy Rao.

The following countries and organisations were represented:

Australia, China, French Oversea Territories, India, Indonesia, New Zealand, Pakistan, Philippines, United Kingdom Colonies, United States Territories, Korea, and I.F.R.B.

1. Item 1 of the Agenda: Approval of the Minutes of the 5th Plenary Session.
Document No. 120 (Proposed corrections to this document are published in doc.141).
 - 1.1. The Chairman opened discussion on the two documents.
 - 1.2. Mr. Searle (New Zealand) asked that the phrase in brackets in document 141, page 3, 5th correction to page 11 of document 141 (concerning para No. 2.4.48.) be deleted as he had already given his approval to that change. This request was approved.
 - 1.3. Mr. Minners (U.S. Territories) announced that the U.S. Territories had further amendments to make to document 141, but since Mr. Plakias was ill they could not be presented at that time. Therefore, he reserved the right of the U.S. Territories to offer amendments to document 141 at the next Plenary Session.
 - 1.4. The Chairman asked that the 1st correction to page 4 of document 120, on page 1 of document 141 be deleted and the following be substituted:

"Page 4, para No. 2.4.2. line 3, between the words "set up" and "within" insert the words "to examine questions".

He also asked that in the first line of para No. 2.4.2. in document 120, "resumed" read "presumed".

These corrections were approved.
 - 1.5. It was decided to approve document 141, subject to the amendments made, and subject to the reservation made by the delegation of the U.S. Territories; and it was decided to postpone approval of document 120 until the U.S. Territories was able to present its amendments.
2. Item 2 of the Agenda: Approval of the Minutes of the 6th Plenary Session, Document No. 130 (Proposed corrections of this document are published in document 142 revised).

- 2.1. Mr. Creighton (U.K. Colonies) asked that, on page 1 of document 142, revised in the correction proposed by the U.K. Colonies to para. No. 4.7., last line of the 1st para, "Administration" read "Administrations".
- 2.2. As corrected above, documents 142 (revised) and 130 were approved.
3. Item 3 of the Agenda: Approval of the Minutes of the 7th Plenary Session (1st and 2nd part) Document No. 146.
 - 3.1. Document 146 was approved with the following amendments:
 - 3.1.1. Mr. Verboeket (Indonesia) asked that the first date in the title to document 146 read "Thursday 4 August".
 - 3.1.2. Mr. Minners (U.S. Territories) asked that, on page 3, para No. 4.14, 2nd and 3rd lines, "by a weak signal in" be deleted and replaced by "or interfered with by signals on".
 - 3.1.3. It was decided that on page 1, para No. 2, 2nd sub-para, 1st and 2nd lines "for the Aeronautical Conference" be deleted and replaced by "this Conference for duties elsewhere".
4. Correction to Document 103 by the observer of the I.F.R.B. (It was decided, in view of the fact that Mr. Wang (I.F.R.B.) had not had time to offer corrections to document 103 when it was being considered, to allow Mr. Wang to present them for the approval of the Assembly.
 - 4.1. The following corrections, submitted by Mr. Wang (I.F.R.B.) to document 103 were approved:
 - 4.1.1. Page 6, para No. 4.2., lines 4 and 5 be changed to read "The Chairman emphasised the shortness of time and that it would be desirable to take decisions without awaiting information from the Board,"
 - 4.1.2. Page 4, 14th line from the bottom of the page, replace "concerned" by "might concern".
5. Item 4 of the Agenda: Verbal Report from the Chairman of Committee 2.
 - 5.1. Mr. Verboeket (Chairman of Committee 2) reported that Committee 2 had held a meeting on 22nd August to consider the drafting of the resolutions adopted at the last Plenary Session (see document 151). The draft recommendations were published as Region 3 documents 149 and 150. Although the documents were possibly not in their final form, he felt that all the pertinent information was contained therein so that they could be forwarded to Region 1 for information.

Mr. Verboeket pointed out the following most important errors:

Document 149

1. Page 4, B., 4., sub-para (2) 1st line, delete "is to".
2. Page 6, para 9, sub-para (2) last sentence, delete "should".
3. Page 6, para 11, sub-para (1) 3rd line, delete "should".

4. Page 6, footnote 6 - add the word "meeting" after "5th".
5. Page 7, delete "and" after sub-para d) and add "and" to the end of sub-para e).
6. Page 7, footnote, in the last line change the word "para" to "number".

Document 150.

Page 1, I., sub-para b), "greaz" should read "great".

Mr. Verboeket explained that doc. 149 was on yellow paper because it was a final document, while doc. 150 was on white paper because it still had to be considered by Committee 5.

- 5.2. Mr. Creighton (U.K. Colonies) stated that he had not been able to attend the meeting of Committee 2 in question, but felt that the documents should be approved since he noted that the views expressed at the last Plenary Session had been incorporated.
- 5.3. The Assembly agreed to forward documents 149 and 150 as amended to the Chairman of the Region 1 Conference.
6. Item 5 of the Agenda: Verbal Report from the Chairman of Committee 5.
- 6.1. Mr. Lalung-Bonnaire (Chairman of Committee 5) reported that, unfortunately, the work of Committee 5 had not made much progress since the last Plenary Session.

The difficult question of Tropical Broadcasting had been discussed and resolved in the special Working Group and the plan adopted had been accepted unanimously by the countries interested. The plan had been presented to and adopted by Committee 5.

Several other bands, yet to be studied, had received preliminary examination and a solution had been adopted:

Unfortunately all Delegations had not completed the preparatory work, so the Committee had not yet been able to undertake the last step of its work.

In summarising, Mr. Lalung-Bonnaire stated that:

- 1) All services had been studied in bands 200 to 1605 kc/s.
- 2) The band 150 to 200 kc/s was practically completed.
- 3) The first draft list of the medium band 535 to 1605 kc/s had been published.

Therefore, only bands 1605 to 3900 kc/s remained to be studied.

Mr. Lalung-Bonnaire then announced that he was forced to ask the Plenary Assembly to relieve him of his duties as Chairman of Committee 5. When he had taken on the task he had felt that the work would have been completed much earlier.

He had given the greater part of his time to Region 3 to the detriment of the other work of his delegation, therefore, as a delegate he could not continue in the same manner.

Before his work was ended he wished to add that the draft list of broadcasting assignments in the band 550 to 1605 kc/s had been published in 300 copies, after he had contacted as many delegates as possible as to its form; and therefore he wished to know the Assembly's opinion as to its completeness.

6.3 Mr. Sundaram felt that it would be superfluous to even try to estimate the value and quantity of the work done by Mr. Lalung-Bonnaire. He mentioned that the Chairman of Committee 5 had spent many extra hours working with Committee 5. In his opinion it would be very difficult to replace a man of such devotion, therefore he appealed to Mr. Lalung-Bonnaire to withdraw his resignation, at least until the most difficult part of the work of Committee 5 was finished.

6.4 Mr. Searle (New Zealand) associated himself with the views expressed by Mr. Sundaram and added that the problem had even a broader aspect. The work was not progressing as satisfactorily as it should. He noted that the prediction of New Zealand, made six weeks ago, that the Conference might go on another three months was no longer amusing. The Conference had finished half of its work but the more difficult portion still remained. He reported that his delegation was deeply concerned over the progress of the Region 3 Conference and his administration had asked him how much longer it would last. Unfortunately, Mr. Searle had had to report more than once that the progress was disappointingly slow. In his opinion the Conference would last another two months.

He stated that he had raised these points because, if Mr. Lalung-Bonnaire felt as he did, it was wrong to ask him to stay on under the assumption that the work would be finished rapidly. He noted that the New Zealand delegation also gave a great deal of time to Region 3 when it should be elsewhere; they had found it necessary because they did not know when their requirements would come under consideration. He felt that if all delegations did not work to the utmost, the Conference would have additional difficulties.

If, as would be regretted by New Zealand, Mr. Lalung-Bonnaire still found it necessary to resign, Mr. Searle expressed his strong regret and extended to him his heartfelt sympathy and also his admiration for the way in which he had worked as Chairman of Committee 5.

6.5 Mr. McDonald (Australia) said that he had heard with regret the request of Mr. Lalung-Bonnaire to be relieved of his post. He realised the extreme amount of work which Committee 5 had done in laying a basis for the successful work of the Conference and considered that the work of Committee 5 would be delayed if Mr. Lalung-Bonnaire persisted in his request. Therefore, Mr. McDonald asked Mr. Lalung-Bonnaire if he would reconsider his decision.

6.6 The Chairman felt that if the work of Chairman of Committee 5 became too heavy to handle there were many ways of relieving the pressure, for instance, the designation of other delegates to aid in the work as joint chairmen or vice chairmen. Resignation would be an extreme step and difficult for the Conference to deal with.

- 6.7 Mr. Siddiqi (Pakistan) said that all there was left to say was that the tempo at the beginning of the Conference should be resumed, for it was the present slowness which must have disappointed Mr. Lalung-Bonnaire, who had a high sense of duty. He then appealed to Mr. Lalung-Bonnaire to reconsider his request.
- 6.8 The Chairman then asked Mr. Lalung-Bonnaire, if, in the light of the opinions expressed, he would reconsider his decision, and assured him that the Conference would do all in its power to speed up the work and if necessary give him any additional assistance he might need.
- 6.9 Mr. Lalung-Bonnaire (French Overseas Territories) expressed his appreciation for the flattering remarks and stated that it was not the fear of work which had prompted him to offer his resignation, but the necessity of doing the work for which he had been sent to Geneva. What he needed was not a diminution of work but a diminution of the time involved so that he could apply himself to the work of his delegation. He stated that the slowness of the work was not due to anyone personally, but to unforeseen delays and bad surprises. He guaranteed the Conference that he would do all the work he could but repeated that he could not devote all his time to one aspect of the work. He felt that the Conference was rich with members who could replace him to advantage.
- 6.10 The Chairman requested Mr. Lalung-Bonnaire to remain temporarily as Chairman of Committee 5 so as to allow the Executive Committee to go into the matter in greater detail and see if it could find some arrangement to relieve him of some of his work in order that the extreme step of resignation might be avoided and the resulting falling off in the tempo of the work of the Conference.
- This proposal was agreed to by Mr. Lalung-Bonnaire and accepted by the Assembly.
- 6.11 Mr. Lalung-Bonnaire (Chairman of Committee 5) asked the Assembly to designate the number of copies desired of the draft list.
- In reply to a query from Mr. Creighton (U.K. Colonies), Mr. Lalung-Bonnaire stated that due to the method followed in Committee 5 he felt that there would be few additional amendments to the List, therefore there would be no necessity to have a revised issue; a page or two of amendments would suffice.
- 6.12 After a short discussion between the Chairman, Mr. Lalung-Bonnaire, (French Oversea Territories), Mr. Creighton (U.K. Colonies) and Mr. Sundaram (India) it was decided that 300 copies of the Draft List would be sufficient, subject to further consideration and increase (up to 100 copies) by the Executive Committee.
- 6.13 Mr. Lalung-Bonnaire (Chairman of Committee 5) announced that the draft list, which he had prepared, conformed with the model list contained in the Regulations. He explained that some columns were empty, either because Committee 5 had not been qualified to fill them in or because the necessary information was not available. The Special

Administrative Radio Conference could thus see what information was lacking and request it of the Administration. Columns A and B were for the use of the Region 3 Conference, the P.F.B., and any Administrations interested. He then asked that the Assembly approve the form of the document.

6.14 The form of the document was approved by the Assembly.

7 Item of the Agenda : Any other business

7.1 The Chairman announced that he, as Chairman of the Region 3 Conference, had received an invitation from the Administrative Council to present a verbal report on the work of the Region 3 Conference. The report had been scheduled for that morning, but had been delayed. He stated that a factual progress report was necessary and also a statement on the estimated duration of the Conference, therefore he was prepared to tell the Council the state of the Lists; i.e., 1) Lists published; 2) Lists on which study was complete; and 3) Lists being studied; to offer 1 October as a probable date of the end of the Conference, and to state that the final expenses would compare favourably with the revised budget.

7.2 Mr. Creighton (U.K. Colonies) suggested that the completion date of 1 October might be too optimistic, especially in view of other estimates which had been made.

7.3 The Chairman assured the assembly that any estimate of a completion date would be made solely as his own personal opinion. He did feel, however, that 1 October was a mean estimate between other completion dates which had been made and one which might be reached if all delegates were to make their best efforts in the future.

The Chairman drew the attention of the Assembly to the decisions taken at the last Committee 1 meeting in relation to the scheduling of meetings (See Doc. 155, para. 4.3).

The meeting was closed at 18.43 hours.

Rapporteurs:

Secretary:

Chairman:

G.A. Coddington

A.K. Dobbie

S.S. Moorthy Rao

(7-7-84)

for Region 3
GENEVA, 1949

COMMITTEE 5

Delegations of India and Pakistan

Subject: Modifications to the Draft Frequency List for Medium Wave Broadcasting in the band 540 to 1605 kc/s.

The following modifications to the Draft Frequency List may be incorporated as having been agreed to by all the national members concerned:

- 1) Channels 800 kc/s and 820 kc/s.
Exchange Tinnevely in Channel 800 kc/s with Poona in Channel 820 kc/s.
- 2) Channels 600 kc/s, 620 kc/s and 650 kc/s.
 - (i) Remove Jamshedpur from Channel 600 kc/s to 620 kc/s;
 - (ii) Remove Indore from Channel 620 kc/s to 650 kc/s;
 - (iii) Remove Ajmer from Channel 650 to Channel 600 kc/s.
- 3) Channels 690 kc/s and 710 kc/s.
 - (i) Remove Delhi from Channel 690 kc/s to Channel 710 kc/s;
 - (ii) Remove Multan from Channel 710 kc/s to 690 kc/s;
 - (iii) Amend power of Multan to read 10 kW;
 - (iv) Amend power of Polo Bulacan on Channel 710 kc/s to read 10 kW.
- 4) Channels 1500 and 1510 kc/s.
 - (i) Remove Rawalpindi from Channel 1500 kc/s to Channel 1510 kc/s;
 - (ii) Remove Darchanga from 1510 to 1500 kc/s.

S.S. MOORTHY RAO
Leader.
Delegation of India.

M. R. SIDDIQI,
Leader.
Pakistan Delegation.

COMMITTEE 5

AGENDA FOR THE 11th MEETING

to be held on September 1st, 1949 at 2.00 p.m. in Room 4.

1. Approval of the Reports of the 9th and 10th Meetings (Documents 153 and 156)
2. Verbal Report by the Chairman of the Working Group entrusted with the division of Region 3 into sub-regions (Document 88, paras 5 and 6), and the conclusions reached.
3. Continuation of the discussion concerning the Amateur Service.
4. Consideration of the methods to be adopted in order to expedite the completion of the task (vide following estimate by the Co-ordination Group as to time allowances for completion of the cards and their insertion into the appropriate boxes).
5. Any other business.

The Co-ordination Group considers the time allowances listed below should be adequate for the step by step completion of assignment cards by the zonal groups :-

		(Hours)
1st Category	1st step	1.00
	2nd "	1.00
	3rd "	1.30
	4th "	1.30
	5th "	2.00
	6th "	2.00
2nd Category	1st step	2.00
	2nd "	2.00
	3rd "	2.30
	4th "	2.30
	5th "	3.00
	6th "	3.00
3rd Category	1st step	3.30
	2nd "	3.30
	3rd "	4.00
	4th "	4.00
	5th "	4.30
	6th "	4.30
Total		<u>48.00</u> = 6 days at 8.00 hours.

NOTE BY THE SECRETARIAT

The following memorandum with annex from the Head of the Australian Delegation is submitted for the consideration of the Conference.

Geneva, 2nd September, 1949.

The Secretary,
Region 3 Administrative
Conference.

Region 3 Administrative Conference
New Requirements submitted after Official Closing Date.

1. It will be recalled that para. 1.19 of the Minutes of the 8th Meeting of Committee 4 (Document 134) includes a statement that :-

"The Committee has not received, up to now, any requirements for any country after the date set by the Conference. However, if this should occur while the Conference is still in session, they will be brought to the notice of the Plenary Assembly for appropriate action. If any new requirements are received after the Conference has finished its work they will be dealt with by the General Secretariat as may be appropriate."
2. The attached shows the additional requirements received from Australia on 24th August and they are, therefore, submitted for the consideration of the Region 3 Administrative Radio Conference in accordance with the above-mentioned decision. Practically all of these requirements are sharing with Australian services already receiving attention by the Conference.

D. McDonald
Australian Delegation.

Additional Requirements from Australia for Region 3.

Requested Frequency (kc/s)	Name and location of Transmitting Station	Type of Service	Class of Emission	Mean Power in kW (Input to Antenna)
212	Nadzab, N.G.	Aeronautical M/F Deacon	A1, 2, 3	1.0
248	Tamworth, N.S.W.	" " "	A1, 2	0.5
269	Sydney, N.S.W.	Calibration D/F Equip.	A1	0.01
276	Rabaul, N.G.	Aeronautical M/F Deacon	A1, 2	0.5
292	Melbourne, Vic.	Calibration D/F Equip.	A1	0.01
295	Melbourne, Vic.	" " "	A1	0.01
296	Narromine, N.S.W.	Aeronautical M/F Deacon	A1, 2	0.3
310	Sydney, N.S.W.	Calibration D/F Equip.	A1	0.01
525	Garden Island, N.S.W.	Testing Low Powered Equipment	A1	0.01
2108	Throughout Victoria	Mobile	A3	0.01
2260	Cairns, Qld.	Outpost Stations	A3	0.15
2276	Gawler, S.A.	Fixed	A3	0.05
2408	Aust. & New Guinea	Fixed Stations	F1	0.35
2428	Hobart - Launceston	" "	A3	0.1
2436	Aust. & New Guinea	" "	F1	0.35
2604	Launceston - Hobart	" "	A3	0.1
2660	Inverell, N.S.W.	Mobile	A3	0.01
2668	Illabo, N.S.W.	"	A3	0.01
2676	Newcastle, N.S.W.	"	A3	0.01
2680	Interior Australia	Fixed Stations	A1, 3	0.05
2690	Interior Australia	" "	A1, 3	0.05
2692	Grenfell, N.S.W.	Mobile	A3	0.05
2720	Papua	"	A3	0.01
2796	Mulgoa, N.S.W.	"	A3	0.01
2800	Cudgegang, N.S.W.	"	A3	0.01
2808	New Guinea	"	A3	0.01
2808	Throughout Vic.	"	A3	0.01
2816	Gippsland, Vic.	Fixed and Mobile	A3	0.01
2840	North East Tasmania	" " "	A3	0.01
3016	Katoomba, N.S.W.	Mobile Stations	A3	0.01
3100	Throughout Australia	" "	A1	0.2
3232	North Queensland	Fixed Stations	A3	0.1
3296	Throughout Australia	Mobile "	A1, 2, 3	0.075
3388	Central Queensland	Fixed Stations	A3	0.01
3840	Throughout Australia	Mobile "	A1, 2, 3	0.01
3840	Hobart	" "	A3	0.01
3876	Upper Beaconsfield, Vic.	" "	A3	0.01
3885	Throughout Australia	" "	A1, 2, 3	0.01
3892	Nowra, N.S.W.	Ship Stations	A1	0.5

for Region 3
GENEVA, 1949

COMMITTEE 1

Report of the Steering Committee

18th Meeting - 29th and 30th August, 1949

The meeting was opened at 10.15 hours by the Chairman, Mr. S.S. Moorthy Rao.

1. Item 1 of the Agenda : Chairmanship of Committee 5.

1.1 The Chairman announced that the main item on the Agenda of the 18th meeting was the consideration of the announcement at the last Plenary Session by Mr. Lalung-Bonnaire, that he wished to be relieved of his post as Chairman of Committee 5. From private conversations with him, the Chairman had learned that the main difficulty was the lack of time available for Mr. Lalung-Bonnaire to act as Chairman of the Committee and at the same time do his work as delegate to the various conferences.

The Chairman considered that there were two possible solutions to the problem: 1) Another delegate could be selected to serve as a joint chairman or 2) the work of the Committee could be sub-divided, with different heads for each sub-division. In either of these ways, Mr. Lalung-Bonnaire could be relieved of some of the routine work of the Committee.

He felt that the Committee should solve Mr. Lalung-Bonnaire's difficulty of "time available" in a manner which would eliminate the necessity of losing completely the valuable assistance and organisation accomplished by the Chairman of Committee 5. He then suggested that perhaps Mr. McDonald (Australia) could further aid the work of Committee 5, by accepting the post of Joint Chairman.

1.2 Mr. McDonald (Australia) explained that his work with the P.F.B. would not allow to devote his full attention to Committee 5 in a way which would be beneficial to the Region 3 Conference.

1.3 The Chairman then suggested that the Committee decide first of all the principle of the problem, i.e. in what manner the work was to be divided, before selecting the specific person for the job. He then asked Mr. Lalung-Bonnaire if he was agreeable to the appointment of a Joint Chairman.

1.4 Mr. Lalung-Bonnaire (French Oversea Territories) thanked the Chairman for his proposals but felt that the best solution would be to find another full time Chairman, in order that the work of Chairman could be carried out in full. He said that in the present stage of the work of Committee 5,

a Chairman was needed who could devote his entire time to the very important work which was being undertaken and assured the Committee that he would give all possible help to anyone selected.

- 1.5 Mr. Verboeket (Indonesia) suggested that Capt. Richard be asked to aid Mr. Lalung-Bonnaire. Two men from the same delegation should be able to work together better and maximum results would be obtained.
- 1.6 Mr. Lalung-Bonnaire replied that he had asked Capt. Richard and Col. Sarre to aid him in the Working Groups of Committee 5 in order that the interests of the French Oversea Territories could be adequately guarded and so that the zones E and F be studied completely. However, he did not think that Capt. Richard would be able to stay with the Conference for more than ten or fifteen days because of his work in Region 1 and the difficult bands he and Col. Sarre were studying in the P.F.B.
- 1.7 The Chairman considered that the three delegates could work together as joint Chairmen of Committee 5 for fifteen or twenty days, after which replacements could be made if necessary.
- 1.8 Mr. Lalung-Bonnaire replied that it would be better if Capt. Richard and Col. Sarre continued to work on zones E and F, so that the work of the groups would not be retarded. He then suggested that Mr. Margolf be appointed to take over duties of the Chairman of Committee 5 immediately.
- 1.9 The Chairman said that he was thinking in terms of providing a joint chairman, not of relieving Mr. Lalung-Bonnaire completely. He felt, however, that Mr. Margolf could give his full time assistance to the Chairman of Committee 5.
- 1.10 Mr. Lalung-Bonnaire (French Oversea Territories) apologised for insisting on being relieved of his post, but asserted that he could not keep the title of Chairman because he would not be able to carry out the functions of Chairman to the end of the Conference. In order that the continuity of the work of Region 3 be maintained, he felt that it was necessary for one person to devote his entire time until the end of the Conference.
- 1.11 After a short discussion between the Chairman and Mr. McDonald (Australia), it was decided to postpone the discussion until Mr. Margolf could be contacted and in the meantime the Committee would pass on to another question.

2. Item 2 of the Agenda : Amendments to the 4th Plenary Session

- 2.1 The Secretary reported that there were three sets of corrections to both the 4th and 5th Plenary Sessions, contained in the minutes of succeeding meetings. He asked the Committee if they agreed to having consolidated correction sheets published.

- 2.2 After a short discussion between the Chairman, Mr. Verboeket (Indonesia), Mr. Lalung-Bonnaire (French Oversea Territories) and Mr. McDonald (Australia) it was decided to print corrigenda to the minutes of the 4th, 5th and 6th Plenary Sessions, using one coversheet for the three, which would bear a new number so that the coversheet (which would indicate that corrigenda had been issued for those minutes) could be filed in numerical order and the corrigendum sheets detached and filed with the appropriate documents.

3. Item 1 of the Agenda (continued)

- 3.1 The Chairman asked Mr. Margolf whether he was in a position to become joint chairman of Committee 5, with the possibility of assuming complete chairmanship in 15 or 20 days' time.
- 3.2 Mr. Margolf (U.S. Territories) replied that he appreciated the honour, but was afraid that his agency might recall him within the next 10 or 12 days; therefore he was not the logical successor to Mr. Lalung-Bonnaire.
- Mr. Margolf offered all possible assistance to Mr. Lalung-Bonnaire as long as he (Mr. Lalung-Bonnaire) remained chairman of Committee 5, but he declined to assume the official capacity of Chairman.
- 3.3 Mr. Lalung-Bonnaire (French Oversea Territories) stated that he had always received efficient help from the members of the Region 3 Conference when it was needed, however at the present stage of the work in Committee 5, there was need for a Chairman who could follow the work closely in order that there could be satisfactory progress made. With his commitments in the Region 1 and Aeronautical Conferences, he would not be able to carry out the task.
- 3.4 Mr. Searle (New Zealand) suggested that two new Chairmen be appointed; one for Committee 5 and one for the Co-ordinating Group of that Committee in order to minimise the work of the Chairman of Committee 5, who previously had acted as chairman of the two bodies. He suggested Mr. Cooke (U.S. Territories) as Chairman of the Co-ordinating Group and Mr. Dobbryn or Mr. Prosser (Australia) as Chairman of Committee 5.
- 3.5 The Chairman agreed with the suggestion of Mr. Searle. He considered that this would reduce the amount of routine work of Mr. Lalung-Bonnaire, and could be tried for fifteen days; if at the end of that time Mr. Lalung-Bonnaire was still of the same opinion, he could be relieved.
- 3.6 Mr. Lalung-Bonnaire replied that it seemed evident that Region 1 would be having a great number of Plenary Sessions in ten or fifteen days, at precisely the same time when the Chairman of Committee 5 would be submitting the lists for the approval of Committee 5. He could not be with Region 1 and Region 3 at the same time, therefore, someone who had no commitments with Region 1 should be appointed as Chairman.

- 3.7 In reply to a question from the Chairman, Mr. McDonald (Australia) said that personally he could not accept the Chairmanship of Committee 5, but agreed to discuss the matter with his delegation with a view to ascertaining whether Mr. Dobbryn or Mr. Prosser could accept.
- 3.8 Mr. Cooke (U.S. Territories) replied to the proposal of the Committee that he accept the Chairmanship of the Co-ordination Group. He considered that his technical knowledge was inadequate for the work. He was of the opinion that a man who had experience and therefore who had original ideas in relation to the work should be appointed. He assured the Committee that he would do all possible as a member of the co-ordination group, but declined to accept the post of Chairman.
- 3.9 Mr. Searle (New Zealand) suggested that the Committee contact the U.K. Colonies' delegation on the subject of supplying one of the Chairmen needed and await the decision of the Australian delegation on the second.
- 3.10 Mr. Lalung-Bonnaire (French Oversea Territories) suggested that the advice of Mr. Alvendia (Philippines), the Vice-Chairman of Committee 5, would be useful.
- 3.11 It was decided to postpone discussion of the question until further information could be obtained. The meeting was then adjourned.
- 3.12 The meeting was reconvened at 10.20 hours, 30th August.
- 3.13. In reply to a query by the Chairman, Mr. McDonald (Australia) said that after a long discussion with his delegation he was forced to answer that the responsibilities of the delegation at the moment, precluded the chance of its supplying a Chairman for Committee 5.
- 3.14 The Chairman commented on the gravity of the situation and then offered the services of Mr. Sundaram as a Joint-Chairman, commencing at the end of the next week when the bulk of the work of the Indian Delegation should be at an end. He repeated his request that Mr. Lalung-Bonnaire retain at least the title of Chairman of Committee 5, even though Mr. Sundaram would take over the main portion of the work.
- 3.15 Mr. Sundaram (India) expressed his appreciation of the honour done to the Indian Delegation in electing its leader as the Chairman of the Conference and in now suggesting that another member should serve as Chairman of Committee 5. He, however, felt that it would be an over-centralisation of confidence in a single delegation and possibly unjust to the Conference if all the important work was taken over by one delegation. He promised that the Indian Delegation would undertake any amount of the work but felt that Mr. Lalung-Bonnaire should retain the lead of the Committee as Chairman.
- 3.16 The Chairman agreed with the point of view of Mr. Sundaram and stated that he felt that after all the spade work done by Mr. Lalung-Bonnaire it would be only fair to let him see to the success of the Committee.

- 3.17. Mr. McDonald (Australia) considered that the most pressing problems remaining before Committee 5 were in relation to the northern area of Region 3, in which India was the largest country. He cited the excellent work done by Mr. Nerurkar as Chairman of the Tropical Broadcasting Group and therefore asked that the Indian Delegation take over the work immediately.
- 3.18. The Chairman pointed out that Mr. Nerurkar had functioned under the guidance of Mr. Lalung-Bonnaire, and felt that Mr. Sundaram would be willing to do the same.
- 3.19. Mr. Sundaram (India) agreed with the Chairman's viewpoint, and added that Mr. Lalung-Bonnaire had perfected almost 60% of the methods used in Committee 5; therefore a change now of the Chairman might retard the work of the Committee. He felt that the continuity of leadership should be retained.
- 3.20 Mr. Verboeket (Indonesia) suggested that two special Vice-Chairmen be appointed to help Mr. Lalung-Bonnaire. He proposed Mr. Dobbyn of Australia as the second.
- 3.21. Mr. Chung (China) supported the suggestion of Mr. Verboeket, and considered that one of the new Vice-Chairmen should be the head of the Co-ordinating Group to relieve Mr. Lalung-Bonnaire of that part of his work.
- 3.22 Mr. Lalung-Bonnaire (French Oversea Territories) said that he wished to make a point clear which had been raised in an earlier statement by the Chairman (see para No. 3.1). He had not said that he could continue for another ten or fifteen days as Chairman, but rather that he would be too occupied from the present to do so. It was the work of Committee 5 which would reach its climax in the next ten or fifteen days, and the Committee would have need of a Chairman who could follow closely all the details which would arise. Decisions would have to be taken without delay, because any delay in the work of the Committee would retard the progress of the entire Conference.

Mr. Lalung-Bonnaire thanked the delegates for their flattering words, but stated that it was not a vote of confidence he had asked for. He had been guided by the knowledge that since the preparatory work of Committee 5 had been finished, the Committee was in need of a full-time overseer who would be free to take necessary steps to ensure its continued functioning.

He wished to say that Committee 5 had reached a point in its labours which was of such a character that the work of the Chairman would in future be different from what it had been hitherto. That being so, he was led to suppose that the new Chairman of Committee 5 would have his hands free, and would not be tied by previous decisions of the Committee. That was one reason why he had not scrupled overmuch to ask for his relief.

In view of the difficulties in which Committee 1 had found itself Mr.Lalung-Bonnaire agreed to withdraw his resignation, and therefore to maintain the title of Chairman. He would, however, have preferred that the individual having the title of Chairman should also be in a position to assume the responsibilities of the position. He thanked the delegations of India and Australia for the aid which they had offered.

- 3.23 The Chairman expressed the appreciation of the Committee for the decision of Mr.Lalung-Bonnaire to continue to lend his name to Committee 5.
- 3.24 Mr.McDonald (Australia) stated that he was relieved and pleased to see Mr.Lalung-Bonnaire continue to act as Chairman. He said that the suggestions were agreeable to the Australian Delegation.
- 3.25 Mr.Dobbyn (Australia) agreed to the arrangements and promised Mr.Lalung-Bonnaire that he would do his best to carry out any and all directives. He stated that he was happy to work with Mr.Sundaram under the leadership of Mr.Lalung-Bonnaire and expressed the wish that the work of the Conference would proceed rapidly to a successful conclusion.
- 3.26 Mr.Sundaram (India) expressed his relief at the decision and said that it would be a **great** pleasure to be able to work under Mr. Lalung-Bonnaire. He also assured him that he would be under his command unreservedly and would carry out any instructions necessary. He said that it would be a pleasure to work with Mr.Alvencia and Mr.Dobbyn as the Co-Vice-Chairman.
- 3.27 Mr.Lalung-Bonnaire (French Oversea Territories) thanked Mr.Dobbyn and Mr.Sundaram for their kind words. He felt that it was too early to anticipate the disposition and division of work between his three Chairmen, and would rather wait until he could get all three Vice-Chairmen together. However, he considered that the Chairmanship of the Co-ordinating Group should be taken by a delegate who would not be absent during the Aeronautical Conference meetings. He felt that it would perhaps be advisable to divide up the work of the Co-ordinating Group between two Vice-Chairmen, so that they could be in continuous control of their respective parts. Mr.Lalung-Bonnaire then asked the two new Vice-Chairmen if this met with their approval.
- Mr.Sundaram and Mr.Dobbyn agreed wholeheartedly with the suggestion of Mr.Lalung-Bonnaire.

3.28 After a short discussion between the Chairman, Mr. Lalung-Bonnaire (French Oversea Territories), Mr. McDonald (Australia), Mr. Dobbyn (Australia) and Mr. Sundaram (India) it was agreed that the Chairman of Committee 5 and his three Vice-Chairmen could make all internal arrangements among themselves. It was also agreed that the Chairman would formally advise the next Plenary Session of the decisions of the Steering Committee.

4. Item 3 of the Agenda : Approval of the Minutes of the 17th Meeting (Document 155)

4.1 Document 155 was approved without amendment.

5. Item 4 of the Agenda : Number of Copies of the Draft Frequency List.

5.1 Mr. Lalung-Bonnaire (Chairman of Committee 5) drew the attention of the Committee to the fact that the Frequency Lists were not numbered so that if it was decided to roneo the Final Documents the lists could be appended to them without change. He also pointed out that the stencils used in making the Frequency Lists could only be used for one printing.

5.2 After a discussion between the Chairman, Mr. Lalung-Bonnaire (French Oversea Territories), Mr. Sundaram (India), Mr. Verboeket (Indonesia), Mr. Dobbyn (Australia), and Mr. Creighton (U.K. Colonies) it was agreed, in view of the facts that, (1) the cost for an increase in the number of copies at the present stage was so small in comparison to a later reprinting; (2) the roneoed copies were so useful to Administrations; and (3) it might be decided to publish the final documents in a roneoed form and as a consequence more than the 300 copies would be needed, to print 500 copies of the forthcoming Draft Frequency Lists.

It was also agreed that a decision would be postponed, until more information was available, on whether to print an additional 200 copies of the two lists of which only 300 copies had already been printed.

A request by the Secretariat to use Room 4 after 17.00 hours, 30th August was approved.

It was announced that the Special Working Group for considering the Form of the Final Acts of the Conference would meet on Friday, 2nd September in Room 4 at 5.00 p.m. instead of Wednesday, 31st August as previously arranged.

The meeting was closed at 12.45 hours, 30th August.

Rapporteur:

Secretary:

Chairman:

G.A. Coddington.

A.K. Dobbie

S.S. Moorthy-Rao

Administrative Radio Conference

for Region 3
GENEVA, 1949

Region 3 - Corrigendum - Document 163-E
(2nd revision)

26 October 1949

COMMITTEE 5

Corrigendum to Region 3 - Document 163 (2nd Revision)

Paragraph 3.6, delete the proposal in inverted commas and replace by the following text:

"Due to Administrations within Region 3 having varying policies regarding the use of the band 1800 to 2000 kc/s by amateurs it is not possible to achieve complete uniformity concerning amateur allocations. Administrations will take all practicable steps to avoid harmful interference between amateurs in one country and non-amateur services in another."

22 October, 1949.

for Region 3
GENEVA, 1949

COMMITTEE 5Reportof the Committee for theAllocation of Frequencies.11th Meeting - 1 and 3 September, 1949.

The meeting opened at 2 p.m. under the Chairmanship of Mr. Lalung-Bonnaire (French Oversea Territories).

1. Approval of the reports of the 9th and 10th meetings (Doc.Nos.153 and 156).

1.1. Document No. 153.

1.1.1. Item 19. At the request of Mr. Creighton (U.K. Colonies) the second sentence was amended as follows: "It may be necessary to raise power in these channels (10 and 26) to the order of 500 watts and a reservation was made accordingly".

1.1.2. Item 23. Mr. Lalung-Bonnaire, speaking as representative of the French Oversea Territories, said that he had made only one change in Indochinese stations with a view to improving the position of the Vientiane station. It was true that this modification did not make any great improvement to broadcasting conditions in Indochina, which remained very mediocre, but any other attempt might have entailed considerable alterations in the plan as a whole. He wished to stress the fact that he had acted in the general interest.

1.1.3. Item 26. The Chairman recalled that Mr. Nerurkar had undertaken to contact the author of Document No. 131 concerning certain errors in that document.

Mr. Rao (India), speaking on behalf of Mr. Nerurkar, who was absent, announced that the necessary corrections would be submitted in writing.

1.1.4. There were no further comments and Document No. 153, (the Minutes of the 9th Meeting) was adopted.

1.2. Document No.156.

Several Delegates had asked that a number of fairly extensive amendments be made to the text of the Minutes of the 10th Meeting. At the request of Mr. Searle, and with the approval of the Chairman, the Committee decided to issue a revised version of Document No. 156 to be drafted by the Rapporteur of the meeting in question, Captain Siddiqi (Pakistan). Delegates were requested to inform him of any amendments they wished made to the original text.

2. Oral Report by the Chairman of the Working Group to determine the division of Region 3 into sub-regions. (Doc.No.88 § 5 & 6).

- 2.1. The Chairman of the Group, Mr. Creighton (U.K. Colonies) said that the oral report made on 8 July appeared in § 4 of Document No. 93 and that new terms of reference for his Group were contained in § 6 of this document.

Four meetings had been held as a result of these new terms of reference, and the following points had been discussed:

- the power limits acceptable for shared channels,
- information and data on both technical principles and operational experience,
- possible arrangements.

- 2.2. The extreme divergencies of views emerging from this discussion had, to all intents and purposes, resulted in the suspension of work.

The Chairman summed up the position. The work undertaken by the Group would take too much time, and he proposed that Committee 5 should take note of the situation and recommend the suspension of the work of Mr. Creighton's Group.

- 2.3. Mr. Searle (New Zealand) supported this proposal. However, the division of Region 3 into sub-regions had been very helpful and it would be wise to have it published by the Secretariat in document form.

This suggestion was accepted and Mr. Creighton agreed to take the necessary steps as soon as possible, although the Chairman had intended to give an account of these sub-divisions in his final report on Committee 5.

3. Resumption of the discussion on amateurs.

The Chairman began by recalling that, for the sake of convenience, it had been decided at the previous meeting that the bands 1800 - 2000 kc/s and 3500 - 3900 kc/s should be considered separately. If any delegations contemplated reserving for amateurs some sub-bands of 50 to 100 kc/s within the above-mentioned bands, their exact width and location in the spectrum should be indicated, as this information was essential in the preparation of a general plan.

He went on to announce a decision by the Philippines to reserve the band 3500 - 3600 kc/s for their own amateurs.

- 3.2 Captain Siddiqi (Pakistan) gave the following information concerning Pakistan:

a) 1800 - 2000 kc/s band. Few requirements. If necessary, the opinion of the majority could therefore be accepted with regard to the spectrum space to be reserved for amateurs and its location.

b) 3500 - 3900 kc/s band.

1. 50 kc/s for the exclusive use of amateurs;
preferably 3500 - 3550 kc/s.
2. 50 kc/s to be shared with other services in the following
band : 3550 - 3600 kc/s, giving priority to amateurs.

3.3. Mr. Dobbyn (Australia) said that Australian amateurs would have the exclusive use of the 3500 - 3800 kc/s band and would not be allocated individual frequencies within this band.

3.4. Mr. Rao, speaking for India, said that in spite of the difficulties encountered, the following exclusive allocations might be made to the amateur service :

- about 50 kc/s in the 1800 - 2000 kc/s band,
- about 50 kc/s in the 3500 - 3900 kc/s band and in the lower part of the spectrum, i.e. 3500 - 3550 kc/s.

3.5. Mr. Creighton (U.K. Colonies) regarded, as the most important point of the discussion, the distinction between allocations to amateurs of individual frequencies and complete bands. In his opinion, the 3500 - 3900 kc/s band was available to three services : amateurs, the fixed service and the mobile service; the U.K. Colonies were therefore prepared to admit all amateurs, on condition that they did not cause harmful interference to the other services sharing this band. He emphasised the fact that the term "sharing" eliminated any idea of priority for any of the services concerned.

3.6. Mr. Prosser (Australia) thought that the above statements showed that uniformity was far from being reached in this question where the 1800 - 2000 kc/s band was concerned. Believing that the desired goal could not be reached and anxious not to prolong a useless discussion, he proposed to bring it to an end by inviting the Committee to agree to the insertion in the minutes of the following proposal :

"As the Administrations of Region 3 cannot reach unanimous agreement regarding the allocation of frequencies to the amateur service in the 1800 - 2000 kc/s band, these Administrations shall take all necessary steps to avoid harmful interference between such amateur stations in the various countries and other services".

3.7. There followed a lengthy discussion, in which Mr. Rao (India), Mr. Searle (New Zealand), Mr. Creighton (U.K. Colonies), Mr. Dobbyn (Australia), Mr. Chung (China), Mr. Verboeket (Indonesia), Mr. Lalung-Bonnaire (French Overseas Territories), Mr. Margolf (United States Territories) and the Chairman took part.

3.8. During the discussion, Mr. Prosser (Australia) proposed that the words "in accordance with the provisions of Article 44 of the Atlantic City Convention" be added to his proposal and stated he was prepared to consider any amendments.

3.9. Once again summarising the situation, the Chairman thought that, as no other agreement could be reached, it would be advisable for the Committee to approve the insertion of this proposal. He also said that as delegate of the French Overseas Territories, he would be obliged, in view of the turn the discussion had taken, to cancel the statement he had made at the previous meeting (point 36 of Document 156), and that, as far as the amateur service was concerned, the French Administration would revert to freedom of action.

3.10. It was requested that the text proposed by Mr. Prosser be read at dictation speed, and after the proposed amendments, particularly those by Mr. Creighton, had been noted, the following text was finally adopted by the Committee :

"Due to Administrations in Region 3 having varying policies regarding the use of the bands 1800 - 2000 kc/s and 3500 - 3900 kc/s by amateurs, it is not possible to achieve complete uniformity concerning amateur allocations in these bands.

The Committee therefore recommends that each Administration should indicate on the frequency sharing card that portion of the relevant frequency band in which it proposes to make allocations to amateurs."

4. Because of the late hour, items 4 and 5 of the Agenda were not broached. The Committee agreed to discuss these items at a further meeting to be held on 3 September at 9.00 a.m.

5. The Meeting adjourned at 6.45 p.m.

6. The Meeting was resumed on Saturday, 3 September 1949 at 9.00 a.m. with Mr. Lalung-Bonnaire (French Overseas Territories) in the Chair. The Chairman proposed that the Committee examine the methods to be adopted in order to expedite the completion of the task.

The Chairman stated that, for obvious reasons, the Coordination Group had decided to prepare an estimate of time allowances likely to be required by the zonal groups for the step by step completion of assignment cards.

This estimate, shown in Document N° 160 - Agenda of the eleventh Meeting is set out below :

		Hours
1st Category	1st step	1.00
	2nd "	1.00
	3rd "	1.30
	4th "	1.30
	5th "	2.00
	6th "	2.00
2nd Category	1st step	2.00
	2nd "	2.00
	3rd "	2.30
	4th "	2.30
	5th "	3.00
	6th "	3.00

- 5 -
(Reg.3-163-E)
(2nd Revision)

		Hours
	1st step	3.30
	2nd "	3.30
	3rd "	4.00
3rd	4th "	4.00
Category	5th "	4.30
	6th "	<u>4.30</u>
	Total	48.00 = 6 days at 8.00 hours

As the Indian delegation had practically completed its work of consolidation, the Committee could now proceed to work more steadily especially in view of the fact that the Indian delegation was willing, if necessary, to devote the evenings to any personal work that could not be finished by the end of a normal day.

The Committee approved the time table.

7. At the request of Mr. Jayasekara (U.K. Colonies), the Committee decided to endeavour to prepare a draft frequency assignment list in the alphabetical order of countries, this would facilitate both research and checking.

This method would be attempted for the lists which were still to be done.

8. As regards the assignments for the amateur service, it was likewise decided, on the proposal of Mr. Verboeket (Indonesia), to indicate on a single sharing card per box those portions of the spectrum which each country proposed to allocate to its amateur service in the band corresponding to the box.

This particular card to have a tab "Amateurs" and to be the first card in the box.

9. At the request of Mr. Searle (New Zealand) regarding the correction of any mistakes in the draft list, the following method was adopted :

Each delegation would submit in writing all relevant observations to the Secretariat, setting out separately :

- a) technical amendments submitted (shifting of frequencies, modifications in power, etc.)
- b) purely typographical errors,

all these observations to be set out in a special document drawn up by the Secretariat for discussion by Committee 5 when it approved the lists.

10. As there was no other business, the meeting rose at 10.45 a.m.

Rapporteur :

Lt.Col. G. Sarre

Chairman :

J. Lalung-Bonnaire

Table showing a summary of assignments for the Amateur Service
planned and submitted by certain countries
during the eleventh meeting of Committee 5

Philippines	Pakistan	India	Australia	Indonesia	China	U.K. Colonies	New Zealand
	1800-2000 kc/s (part allocated exclusively)	1800-2000 kc/s (50 kc/s in this band allo- cated exclusi- vely)					1800-2000 kc/s (in accordance with A.C. Regu- lations as sta- ted in paras. 15 and 23 of Doc. 156 Rev.
3500-3600 kc/s (100 kc/s allocated exclusively)	3500-3550 kc/s (50 kc/s allo- cated exclusi- vely) 3550-3600 kc/s (50 kc/s shared but priority given to the Amateur Service)	3500-3550 kc/s (50 kc/s allo- cated exclu- sively)	3500-3800 kc/s (300 kc/s allo- cated exclusi- vely)	3500-3550 kc/s (50 kc/s allo- cated exclusi- vely to be eventually extended)	3500-3900 kc/s (certain fre- quencies in this band)	3500-3900 kc/s (whole band shared on con- dition of non- interference to other services)	3500-3900 kc/s (in accordance with A.C. Regu- lations)

for Region 3
GENEVA, 1949

COMMITTEE 5

Report

of the Committee for the

Allocation of Frequencies.

11th Meeting - 1 September 1949

The meeting opened at 2 p.m. under the Chairmanship of
Mr. Lalung-Bonnaire (French Oversea Territories).

1. Approval of the reports of the 9th and 10th meetings (Doc.Nos.153 and 156).
- 1.1. Document No. 153.
- 1.1.1. Item 19. At the request of Mr. Creighton (U.K. Colonies) the second sentence was amended as follows: "It may be necessary to raise power in these channels (10 and 26) to the order of 500 watts and a reservation was made accordingly".
- 1.1.2. Item 23. Mr. Lalung-Bonnaire, speaking as representative of the French Oversea Territories, said that he had made only one change in Indochinese stations with a view to improving the position of the Vientiane station. It was true that this modification did not make any great improvement to broadcasting conditions in Indochina, which remained very mediocre, but any other attempt might have entailed considerable alterations in the plan as a whole. He wished to stress the fact that he had acted in the general interest.
- 1.1.3. Item 26. The Chairman recalled that Mr. Nerurkar had undertaken to contact the author of Document No. 131 concerning certain errors in that document.

Mr. Rao (India), speaking on behalf of Mr. Nerurkar, who was absent, announced that the necessary corrections would be submitted in writing.
- 1.1.4. There were no further comments and Document No. 153, (the Minutes of the 9th Meeting) was adopted.
- 1.2. Document No.156.

Several Delegates had asked that a number of fairly extensive amendments be made to the text of the Minutes of the 10th Meeting. At the request of Mr. Searle, and with the approval of the Chairman, the Committee decided to issue a revised version of Document No. 156 to be drafted by the Rapporteur of the meeting in question, Captain Siddiqi (Pakistan). Delegates were requested to inform him of any amendments they wished made to the original text.

2. Oral Report by the Chairman of the Working Group to determine the division of Region 3 into sub-regions. (Doc.No.88 § 5 & 6)

2.1. The Chairman of the Group, Mr. Creighton (U.K. Colonies) said that the oral report made on 8 July appeared in § 4 of Document No. 93 and that new terms of reference for his Group were contained in § 6 of this document.

Four meetings had been held as a result of these new terms of reference, and the following points had been discussed:

- the power limits acceptable for shared channels,
- information and data on both technical principles and operational experience,
- possible arrangements.

2.2. The extreme divergencies of views emerging from this discussion had, to all intents and purposes, resulted in the suspension of work.

The Chairman summed up the position. The work undertaken by the Group would take too much time, and he proposed that Committee 5 should take note of the situation and recommend the suspension of the work of Mr. Creighton's Group.

2.3. Mr. Searle (New Zealand) supported this proposal. However, the division of Region 3 into sub-regions had been very helpful and it would be wise to have it published by the Secretariat in document form.

This suggestion was accepted and Mr. Creighton agreed to take the necessary steps as soon as possible, although the Chairman had intended to give an account of these sub-divisions in his final report on Committee 5.

3. Resumption of the discussion on amateurs.

The Chairman began by calling that, for the sake of convenience, it had been decided at the previous meeting that the bands 1800 - 2000 kc/s and 3500 - 3900 kc/s should be considered separately. If any delegations contemplated reserving for amateurs some sub-bands of 50 to 100 kc/s within the above-mentioned bands, their exact width and location in the spectrum should be indicated, as this information was essential in the preparation of a general plan.

He went on to announce a decision by the Philippines to reserve the band 3500 - 3600 kc/s for their own amateurs.

3.2 Captain Siddiqi (Pakistan) gave the following information concerning Pakistan:

a) 1800 - 2000 kc/s band. Few requirements. If necessary, the opinion of the majority could therefore be accepted with regard to the spectrum space to be reserved for amateurs and its location.

b) 3500 - 3900 kc/s band.

1. 50 kc/s for the exclusive use of amateurs;
preferably 3500 - 3550 kc/s.
2. 50 kc/s to be shared with other services in the
following band: 3550 - 3600 kc/s, giving priority
to amateurs.

3.3 Mr. Dobbyn (Australia) said that Australian amateurs would have the exclusive use of the 3500 - 3800 kc/s band and would not be allocated individual frequencies within this band.

3.4 Mr. Rao, speaking for India, said that in spite of the difficulties encountered, the following exclusive allocations might be made to the amateur service:

- about 50 kc/s in the 1800 - 2000 kc/s band,
- about 50 kc/s in the 3500 - 3900 kc/s band and in
the lower part of the spectrum, i.e. 3500 - 3550 kc/s.

3.5 Mr. Creighton (U.K. Colonies) regarded, as the most important point of the discussion, the distinction between allocations to amateurs of individual frequencies and complete bands. In his opinion, the 3500 - 3900 kc/s band was available to three services: amateurs, the fixed service and the mobile service: the U.K. Colonies were therefore prepared to admit all amateurs, on condition that they did not cause harmful interference to the other services sharing this band. He emphasised the fact that the term "sharing" eliminated any idea of priority for any of the services concerned.

3.6 Mr. Prosser (Australia), thought that the above statements showed that uniformity was far from being reached in this question where the 1800 - 2000 kc/s band was concerned. Believing that the desired goal could not be reached and anxious not to prolong a useless discussion, he proposed to bring it to an end by inviting the Committee to agree to the insertion in the minutes of the following proposal:

"Due to Administrations within Region 3 having varying policies regarding the use of the band 1800 to 2000 kc/s by amateurs it is not possible to achieve complete uniformity concerning amateur allocations. Administrations will take all practicable steps to avoid harmful interference between amateurs in one country and non-amateur Services in another."

3.7 Mr. Rao (India) agreed to this proposal, which seemed to him to be very reasonable.

3.8 Mr. Searle (New Zealand) thought it gave rise to some doubt, as it might be understood to imply that the amateur service was a second class service. Mr. Prosser assured Mr. Searle that this was not intended in his motion.

3.9 Mr. Creighton (U.K. Colonies), thought that the second sentence of this proposal was simply a repetition of the Atlantic City Regulations. He would have preferred the Committee to give an opinion on the proposals contained in Document N° 133.

- 3.10 Mr. Dobbyn (Australia) believed that the proposal was satisfactory because, if adopted, it would allow the work of the Conference to proceed. The Conference had already devoted much time to this problem and the lack of unanimity among the delegations could doubtless be suitably provided for by a footnote to the frequency list in order to show that special steps were necessary in avoiding harmful interference.
- 3.11 Mr. Chung (China) supported Mr. Prosser's proposal and added that his administration would not sub-allocate an exclusive band to the amateur service, but would allocate some frequencies in the 3500 - 3900 kc/s band to the amateur service, according to their availability.
- 3.12 Mr. Rao (India) shared Mr. Dobbyn's opinion. Coordination between the sub-regions would be easy once the sharing cards were filled in.
- 3.13 Mr. Verboeket (Indonesia) did not agree. He thought that agreement should be reached first.
- 3.14 Mr. Prosser (Australia) proposed that the words "in accordance with the provisions of Article 44 of the Atlantic City Convention" be added to his proposal.
- 3.15 Mr. Searle (New Zealand) disagreed. An arrangement for the use of the 2 or 3 Mc/s bands was mentioned only in Number 147, page 29 of the Atlantic City Radio Regulations. With the exception of this particular paragraph, no other resolution could be adopted which would be favourable to certain services at the expense of others and the same priority should be granted to all services in shared bands. He agreed with Mr. Creighton that adequate protection was provided by the Radio Regulations.
- 3.16 Mr. Lalung-Bonnaire, speaking as delegate of the French Oversea Territories, willingly admitted that the equal rights of various services should be respected. That was why he thought that it would be very much better to allocate sub-bands for the exclusive use of the amateur service in order to provide adequate protection for that service without interfering with the operation of other services. He regretted that this solution had not met with unanimous approval and considered that, in the last resort, Mr. Prosser's proposal was at least praiseworthy in that it granted Administrations freedom of action on their own responsibility.
- 3.17 Mr. Creighton (U.K. Colonies) was sure that the matter under discussion was not the responsibility of the Conference for Region 3 but of Administrations themselves. But, on the other hand, he particularly wished the Committee to consider Document No. 133, the proposals of which did not appear very acceptable.

After the Chairman had drawn his attention to the fact that Document No. 133 was only a part of the discussion, which was of a general nature, he insisted that his point of view on the Document under discussion be included in the minutes. He summarised this point of view as follows: "The Conference for Region 3 is not competent to amend the frequency allocation tables established by the Atlantic City Conference."

- 3.18. After the above statement, Mr. Margolf (United States Territories) said that the United States had made proposals to the Administrations of Region 3 in the hope of effecting uniform assignment to the amateur service and because it considered that such decisions could be taken by the Administrations themselves without infringing the Atlantic City Convention.
- 3.19. Mr. Prosser's proposal was discussed further. Mr. Prosser was prepared to consider any amendments. Once again summarising the situation, the Chairman thought that, as no other agreement could be reached, it would be advisable for the Committee to approve the insertion of this proposal. He also said that as delegate of the French Oversea Territories, he would be obliged, in view of the turn the discussion had taken, to cancel the statement he had made at the previous meeting (point 36 of Document 156), and that, as far as the amateur service was concerned, the French Administration would revert to freedom of action.
- 3.20. Mr. Searle (New Zealand) requested that the text proposed by Mr. Prosser be read at dictation speed, and after the proposed amendments, particularly those by Mr. Creighton, had been noted, the following text was finally adopted by the Committee:
- "Due to Administrations in Region 3 having varying policies regarding the use of the bands 1800 - 2000 kc/s and 3500 - 3900 kc/s by amateurs, it is not possible to achieve complete uniformity concerning amateur allocations in these bands.
- The Committee therefore recommends that each Administration should indicate on the relevant frequency sharing cards that portion of the relevant frequency band in which it proposes to make allocations to amateurs."
4. Because of the late hour, items 4 and 5 of the Agenda were not broached. The Committee agreed to discuss these items at a further meeting to be held on 3 September at 9.00 a.m.
5. The Meeting adjourned at 6.45 p.m.
6. The Meeting was resumed on Saturday, 3 September 1949 at 9.00 a.m. with Mr. Lalung-Bonnaire (French Oversea Territories) in the Chair. The Chairman proposed that the Committee examine the methods to be adopted in order to expedite the completion of the task.
- The Chairman stated that, for obvious reasons, the Coordination Group had decided to prepare an estimate of time allowances likely to be required by the zonal groups for the step by step completion of assignment cards.
- This estimate, shown in Document N° 160 - Agenda of the eleventh Meeting is set out below:

- 6 -
(R3-163-E)
(revised)

		Hours
1st Category	1st step	1.00
	2nd "	1.00
	3rd "	1.30
	4th "	1.30
	5th "	2.00
	6th "	2.00
2nd Category	1st step	2.00
	2nd "	2.00
	3rd "	2.30
	4th "	2.30
	5th "	3.00
	6th "	3.00
3rd Category	1st step	3.30
	2nd "	3.30
	3rd "	4.00
	4th "	4.00
	5th "	4.30
	6th "	4.30
Total		48.00 = 6 days at 8.00 hours

As the Indian delegation had practically completed its work of consolidation, the Committee could now proceed to work more steadily especially in view of the fact that the Indian delegation was willing, if necessary, to devote the evenings to any personal work that could not be finished by the end of a normal day.

The Committee approved the time table.

7. At the request of Mr. Jayasekara (U.K.Colonies), the Committee decided to endeavour to prepare a draft frequency assignment list in the alphabetical order of countries, this would facilitate both research and checking.

This method would be attempted for the lists which were still to be done.

8. As regards the assignments for the amateur service, it was likewise decided, on the proposal of Mr. Verboeket (Indonesia), to indicate on a single sharing card per box those portions of the spectrum which each country proposed to allocate to its amateur service in the band corresponding to the box.

This particular card to have a tab "Amateurs" and to be the first card in the box.

9. At the request of Mr. Searle (New Zealand) regarding the correction of any mistakes in the draft list, the following method was adopted :

Each delegation would submit in writing all relevant observations to the Secretariat, setting out separately:

- a) technical amendments submitted (shifting of frequencies, modifications in power, etc.)
- b) purely typographical errors,

all these observations to be set out in a special document drawn up by the Secretariat for discussion by Committee 5 when it approved the lists.

10. As there was no other business, the meeting rose at 10.45 a.m.

Rapporteur:

Lt.Col. G.Sarre.

Chairman:

M. Lalung-Bonnaire

Table showing a summary of assignments for the Amateur Service
planned and submitted by certain countries
during the eleventh meeting of Committee 5

Philippines	Pakistan	India	Australia	Indonesia	China	U.K. Colonies	New Zealand
	1800-2000 kc/s (part allocated exclusively)	1800-2000 kc/s (50 kc/s in this band allo- cated exclusi- vely)					1800-2000 kc/s (in accordance with A.C. Regu- lations as sta- ted in paras. 15 and 23 of Doc. 156 Rev.
3500-3600 kc/s (100 kc/s allocated exclusively)	3500-3550 kc/s (50 kc/s allo- cated exclusi- vely) 3550-3600 kc/s (50 kc/s shared but priority given to the Amateur Service)	3500-3550 kc/s (50 kc/s allo- cated exclu- sively)	3500-3800 kc/s (300 kc/s allo- cated exclusi- vely)	3500-3550 kc/s (50 kc/s allo- cated exclusi- vely to be eventually extended)	3500-3900 kc/s (certain fre- quencies in this band)	3500-3900 kc/s (whole band shared on con- dition of non- interference to other services)	3500-3900 kc/s (in accordance with A.C. Regu- lations)

6 September 1949

for Region 3
GENEVA, 1949COMMITTEE 5Reportof the Committee for theAllocation of Frequencies.11th Meeting - 7 September 1949

The meeting opened at 2 p.m. under the Chairmanship of Mr. Lalung-Bonnaire (French Oversea Territories).

1. Approval of the reports of the 9th and 10th meetings (Doc.Nos.153 and 156).
- 1.1. Document No. 153.
- 1.1.1. Item 19. At the request of Mr. Creighton (U.K. Colonies) the second sentence was amended as follows: "It may be necessary to raise power in these channels (10 and 26) to the order of 500 watts and a reservation was made accordingly".
- 1.1.2. Item 23. Mr. Lalung-Bonnaire, speaking as representative of the French Oversea Territories, said that he had made only one change in Indochinese stations with a view to improving the position of the Tientiane station. It was true that this modification did not make any great improvement to broadcasting conditions in Indochina, which remained very mediocre, but any other attempt might have entailed considerable alterations in the plan as a whole. He wished to stress the fact that he had acted in the general interest.
- 1.1.3. Item 26. The Chairman recalled that Mr. Nerurkar had undertaken to contact the author of Document No. 131 concerning certain errors in that document.

Mr. Rao (India), speaking on behalf of Mr. Nerurkar, who was absent, announced that the necessary corrections would be submitted in writing.
- 1.1.4. There were no further comments and Document No. 153, (the Minutes of the 9th Meeting) was adopted.
- 1.2. Document No.156.

Several Delegates had asked that a number of fairly extensive amendments be made to the text of the Minutes of the 10th Meeting. At the request of Mr. Searle, and with the approval of the Chairman, the Committee decided to issue a revised version of Document No. 156 to be drafted by the Rapporteur of the meeting in question, Captain Siddiqi (Pakistan). Delegates were requested to inform him of any amendments they wished made to the original text.

2. Oral Report by the Chairman of the Working Group to determine the division of Region 3 into sub-regions. (Doc.No.88 § 5 & 6)

2.1. The Chairman of the Group, Mr. Creighton (U.K. Colonies) said that the oral report made on 8 July appeared in § 4 of Document No. 93 and that new terms of reference for his Group were contained in § 6 of this document.

Four meetings had been held as a result of these new terms of reference, and the following points had been discussed:

- the power limits acceptable for shared channels,
- information and data on both technical principles and operational experience,
- possible arrangements.

2.2. The extreme divergencies of views emerging from this discussion had, to all intents and purposes, resulted in the suspension of work.

The Chairman summed up the position. The work undertaken by the Group would take too much time, and he proposed that Committee 5 should take note of the situation and recommend the suspension of the work of Mr. Creighton's Group.

2.3. Mr. Searle (New Zealand) supported this proposal. However, the division of Region 3 into sub-regions had been very helpful and it would be wise to have it published by the Secretariat in document form.

This suggestion was accepted and Mr. Creighton agreed to take the necessary steps as soon as possible, although the Chairman had intended to give an account of these sub-divisions in his final report on Committee 5.

3. Resumption of the discussion on amateurs.

The Chairman began by recalling that, for the sake of convenience, it had been decided at the previous meeting that the bands 1800 - 2000 kc/s and 3500 - 3900 kc/s should be considered separately. If any delegations contemplated reserving for amateurs some sub-bands of 50 to 100 kc/s within the above-mentioned bands, their exact width and location in the spectrum should be indicated, as this information was essential in the preparation of a general plan.

He went on to announce a decision by the Philippines to reserve the band 3500 - 3600 kc/s for their own amateurs.

3.2. Captain Siddiqi, (Pakistan) gave the following information concerning Pakistan:

- a) 1800 - 2000 kc/s band. Few requirements. If necessary, the opinion of the majority could therefore be accepted with regard to the spectrum space to be reserved for amateurs and its location.

b) 3500 - 3900 kc/s band.

1. 50 kc/s for the exclusive use of amateurs;
preferably 3500 - 3550 kc/s.
 2. 50 kc/s to be shared with other services in the
following band: 3550 - 3600 kc/s, giving
priority to amateurs.
- 3.3. Mr. Dobbyn, (Australia) said that Australian amateurs would have the exclusive use of the 3500 - 3800 kc/s band and would not be allocated individual frequencies within this band.
- 3.4. Mr. Rao, speaking for India, said that in spite of the difficulties encountered, the following exclusive allocations might be made to the amateur service:
- about 50 kc/s in the 1800 - 2000 kc/s band,
 - about 50 kc/s in the 3500 - 3900 kc/s band and in the lower part of the spectrum, i.e. 3500 - 3550 kc/s.
- 3.5. Mr. Creighton (U.K. Colonies) regarded, as the most important point of the discussion, the distinction between allocations to amateurs of individual frequencies and complete bands. In his opinion, the 3500 - 3900 kc/s band was available to three services: amateurs, the fixed service and the mobile service; the U.K. Colonies were therefore prepared to admit all amateurs, on condition that they did not cause harmful interference to the other services sharing this band. He emphasised the fact that the term "sharing" eliminated any idea of priority for any of the services concerned.
- 3.6. Mr. Prosser (Australia), thought that the above statements showed that uniformity was far from being reached in this question where the 1800 - 2000 kc/s band was concerned. Believing that the desired goal could not be reached and anxious not to prolong a useless discussion, he proposed to bring it to an end by inviting the Committee to agree to the insertion in the minutes of the following proposal:
- "As the Administrations of Region 3 cannot reach unanimous agreement regarding the allocation of frequencies to the amateur service in the 1800 - 2000 kc/s band, these Administrations shall take all necessary steps to avoid harmful interference between such amateur stations in the various countries and other services".
- 3.7. Mr. Rao (India) agreed to this proposal, which seemed to him to be very reasonable.
- 3.8. Mr. Searle (Australia) thought it gave rise to some doubt, as it might be understood to imply that the amateur service was a second class service.
- 3.9. Mr. Creighton (U.K. Colonies), thought that this proposal was simply a repetition of the Atlantic City Regulations. He would have preferred the Committee to give an opinion on the proposals contained in Document No. 133.

- 3.10. Mr. Dobbryn (Australia) believed that this proposal would create a situation similar to that mentioned in Number 159 on page 37 of the Radio Regulations, with regard to the 7 Mc/s range (protection of broadcasting from harmful interference by the amateur service).
- 3.11. Mr. Chung (China) supported Mr. Prosser's proposal and added that his country intended to allocate some frequencies in the 3500 - 3900 kc/s band to the amateur service, according to their availability.
- 3.12. Mr. Rao (India) shared Mr. Dobbryn's opinion. Coordination between the sub-regions would be easy once the sharing cards were filled in.
- 3.13. Mr. Verboeket (Indonesia) did not agree. He thought that agreement should be reached first.
- 3.14. Mr. Prosser (Australia) proposed that the words "in accordance with the provisions of Article 44 of the Atlantic City Convention" be added to his proposal.
- 3.15. Mr. Searle (New Zealand) disagreed. An arrangement for the use of the 2 or 3 Mc/s bands was mentioned only in Number 147, page 29 of the Atlantic City Radio Regulations. With the exception of this particular paragraph, no other regulation should be favourable to certain services at the expense of others and the same priority should be granted to all services in shared bands. He agreed with Mr. Creighton that adequate protection was provided by the Radio Regulations.
- 3.16. Mr. Lalung-Bonnaire, speaking as delegate of the French Oversea Territories, willingly admitted that the equal rights of various services should be respected. That was why he thought that it would be very much better to allocate sub-bands for the exclusive use of the amateur service in order to provide adequate protection for that service without interfering with the operation of other services. He regretted that this solution had not met with unanimous approval and considered that, in the last resort, Mr. Prosser's proposal was at least praiseworthy in that it granted Administrations freedom of action on their own responsibility.
- 3.17. Mr. Creighton (U.K. Colonies) was sure that the matter under discussion was not the responsibility of the Conference for Region 3 but of Administrations themselves. But, on the other hand, he particularly wished the Committee to consider Document No.133, the proposals of which did not appear very acceptable.

After the Chairman had drawn his attention to the fact that Document No.133 was only a part of the discussion, which was of a general nature, he insisted that his point of view on the Document under discussion be included in the minutes. He summarised this point of view as follows: "The Conference for Region 3 is not competent to amend the frequency allocation tables established by the Atlantic City Conference."

- 3.18. After the above statement, Mr. Margolf (United States Territories) said that the United States had made proposals to the Administrations of Region 3 in the hope of effecting uniform assignment to the amateur service and because it considered that such decisions could be taken by the Administrations themselves without infringing the Atlantic City Convention.
- 3.19. Mr. Prosser's proposal was discussed further. Mr. Prosser was prepared to consider any amendments. Once again summarising the situation, the Chairman thought that, as no other agreement could be reached, it would be advisable for the Committee to approve the insertion of this proposal. He also said that as delegate of the French Oversea Territories, he would be obliged, in view of the turn the discussion had taken, to cancel the statement he had made at the previous meeting (point 36 of Document 156), and that, as far as the amateur service was concerned, the French Administration would revert to freedom of action.
- 3.20. Mr. Searle (New Zealand) requested that the text proposed by Mr. Prosser be read at dictation speed, and after the proposed amendments, particularly those by Mr. Creighton, had been noted, the following text was finally adopted by the Committee:
- "Due to Administrations in Region 3 having varying policies regarding the use of the bands 1800 - 2000 kc/s and 3500 - 3900 kc/s by amateurs, it is not possible to achieve complete uniformity concerning amateur allocations in these bands.
- The Committee therefore recommends that each Administration should indicate on the frequency sharing card that portion of the relevant frequency band in which it proposes to make allocations to amateurs."
4. Because of the late hour, items 4 and 5 of the Agenda were not broached. The Committee agreed to discuss these items at a further meeting to be held on 3 September at 9.00 a.m.
5. The Meeting adjourned at 6.45 p.m.
6. The Meeting was resumed on Saturday, 3 September 1949 at 9.00 a.m. with Mr. Lalung-Bonnaire (French Oversea Territories) in the Chair. The Chairman proposed that the Committee examine the methods to be adopted in order to expedite the completion of the task.
- The Chairman stated that, for obvious reasons, the Coordination Group had decided to prepare an estimate of time allowances likely to be required by the zonal groups for the step by step completion of assignment cards.
- This estimate, shown in Document No. 160 - Agenda of the eleventh Meeting is set out below:

		Hours
1st Category	1st step	1.00
	2nd "	1.00
	3rd "	1.30
	4th "	1.30
	5th "	2.00
	6th "	2.00
2nd Category	1st step	2.00
	2nd "	2.00
	3rd "	2.30
	4th "	2.30
	5th "	3.00
	6th "	3.00
3rd Category	1st step	3.30
	2nd "	3.30
	3rd "	4.00
	4th "	4.00
	5th "	4.30
	6th "	4.30
Total		48.00 = 6 days at 8.00 hours

As the Indian delegation had practically completed its work of consolidation, the Committee could now proceed to work more steadily especially in view of the fact that the Indian delegation was willing, if necessary, to devote the evenings to any personal work that could not be finished by the end of a normal day.

The Committee approved the time table.

7. At the request of Mr. Yavasekara (Ceylon), the Committee decided to endeavour to prepare a draft frequency assignment list in the alphabetical order of countries, this would facilitate both research and checking.

This method would be attempted for the lists which were still to be done.

8. As regards the assignments for the amateur service, it was likewise decided, on the proposal of Mr. Verboeket (Indonesia), to indicate on a single sharing card per box those portions of the spectrum which each country proposed to allocate to its amateur service in the band corresponding to the box.

This particular card to have a tab "Amateurs" and to be the first card in the box.

9. At the request of Mr. Searle (New Zealand) regarding the correction of any mistakes in the draft list, the following method was adopted:

Each delegation would submit in writing all relevant observations to the Secretariat, setting out separately:

- a) technical amendments submitted (shifting of frequencies, modifications in power, etc.)
- b) purely typographical errors,

all these observations to be set out in a special document drawn up by the Secretariat for discussion by Committee 5 when it approved the lists.

10. As there was no other business, the meeting rose at 10.45 a.m.

Rapporteur:

Lt.Col. G.Sarre.

Chairman: .

M. Lalung-Bonnaire

8
(R3-163-E)

Table showing a summary of assignments for the Amateur Service

planned and submitted by certain countries

during the eleventh meeting of Committee 5

Philippines	Pakistan	India	Australia	Indonesia	China	U. K. Colonies	New Zealand
	1800-2000 kc/s (part allocated exclusively)	1800-2000 kc/s (50 kc/s in this band allocated exclusively)					1800-2000 kc/s (in accordance with A.C. regulations.)
3500-3600 kc/s (100 kc/s allocated exclusively)	3500-3500 kc/s (50 kc/s allocated exclusively)	3500-3550 kc/s (50 kc/s allocated exclusively)	3500-3800 kc/s (300 kc/s allocated exclusively)	3750-3800 kc/s (50 kc/s allocated exclusively)	3500-3900 kc/s (certain frequencies in this band)	3500-3900 kc/s (whole band shared on condition of non-interference to other services).	3500-3900 kc/s (in accordance with A.C. regulations).
	3550-3600 kc/s (50 kc/s shared but priority given to the Amateur Service)						

(21/73/60)
(110-114-110)

COMMITTEE 5

The following alphabetical index of the Draft Frequency List
concerns the Shared Bands 200 - 415 kc/s and 510 - 535 kc/s.

It was prepared in the same way as that annexed to Document No 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>							
AUSTRALIA	200	204	208	212	216	220	224	228
	232	236	240	244	248	252	256	260
	264	265	268	272	276	280	284	289
	292	296	300	348	352	356	360	364
	368	372	376	380	384	388	392	396
	400	404	410	530				
(New Guinea	216	232	256	300	325	340	380	410
BURMA	204	208	212	216	340	342.5	351	356
	364	375	515	524				
CHINA	236	240	243	245	248	250	252	253
	255	256	260	262	265	268	270	272
	274	276	280	330	340	344	350	354
	359	360	370	393	515	518	522.5	530
	532.5							
PORTUGUESE COLONIES								
(Macau	520							
(Timor	327	330	387	406	413			
UNITED KINGDOM COLONIES								
(Ceylon	215	236	256	275	325	340	350	361
	373	385	395					
(North Borneo	327	340	352	370				
(Fiji Is.	208	260	330	405	522.5	527.5		
(Gilbert Is.	520							
(Hongkong	225	300	322	387	405	527.5		
(Malaya	217	220	223	228	235	276	285	330
	360	368	400	532.5				
(Pitcairn Is.	522.5							
(Solomon Is.	290	530						
(Sarawak	372							
(Tonga Is.	285							
FRENCH OVERSEAS TERRITORIES								
(Indo-China	230	250	273	286	290	296	300	305
	316	325	328	333	337.25	355	365	375
	379	382.5	385	392	396	400	403	410
(New Caledonia	250	262	325	336	345	354	388	
(Fr. Oceania	384	393						
(New Hebrides	300	381						

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>							
INDIA	205	208	211	214	217	220	223	226
	230	233	237	240	243	247	250	253
	256	259	262	265	268	274	286	292
	295	298	301	304	307	310	313	316
	319	322	323	326	333	340	342.5	344
	345	348	351	354	357	360	363	366
	372	375	378	381	384	390	393	396
	400	406						
INDONESIA	210	215	225	230	245	250	260	270
	295	300	310	327	336	340	350	360
	370	375	380	385	395	398		
IRAN	322	333	535					
KOREA (Republic of)	210	283	285	290	295	300	310	313
	328	336	361	370	375	385	392	403
	410	414	516	527.5	535			
NEW ZEALAND	206	210	212	215	220	224	230	236
	240	244	248	252	255	264	274	282
	291.5	294.5	297.5	300	305	315	328	332
	336	340	344	352	356	360	364	370
	379	385	390	398	403	515	524	
(Cook Is.	320	352						
(Samoa Is.	270							
PAKISTAN	230	240	250	268	271	274	283	286
	289	295	298	304	307	333	348	354
	369	372	387	390	520	527.5		
PHILIPPINES (Republic of the)	205	210	215	240	255	270	278	280
	320	327	330	336	345	355	360	375
	385	403	414	520				
SIAM	345	530						
UNITED STATES TERRITORIES								
(China	316	342.5	350	366	380	397	406	
(Iwo Jima	278	360						
(Japan (U.S.A.))	205	210	215	220	230	260	265	270
	278	285	305	313	316	320	330	336
	342.5	345	350	354	360	366	380	385
	388	390	397	406	524			
(Caroline Is.	316	342.5	350	366	380	397	406	
(Mariana Is.	245	278	316	326	336	342.5	350	366
	380	385	397	406	516			
(Samoa Is.	516							
(Wake Is.	316	342.5	350	366	380	397	406	
(Marshall Is.	272	278	316	327	342.5	345	350	359
	366	380	397	406				
(Philippines	275	310	316	342.5	350	366	380	388
	397	406	516	524				
(Ryukyu (U.S.A.))	233	265	316	326	342.5	350	366	380
	397	406						
(Japan (S.C.A.P.))	205	215	255	259	275	285	290	295
	300	305	310	313	345	355	370	390
	410							

COMMITTEE 5

The following alphabetical index of the Draft Frequency List concerns the Shared Band 150 - 160 kc/s, and the Exclusive Fixed Band 160 - 200 kc/s. It was prepared in the same way as that annexed to Document No 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>				
AUSTRALIA	150				
BURMA	151	154	158		
CHINA	151	153	155	157	
UNITED KINGDOM COLONIES					
(Ceylon	151				
(North Borneo	165				
INDIA	153	154	156	158	159
NEW ZEALAND	152	157	165		
PAKISTAN	153	165	166.6	185	195
PHILIPPINES (Republic of the)	180	190			
SIAM	160				
UNITED STATES TERRITORIES					
(Japan (U.S.A.))	159				
(Philippines	159				
(Japan (S.C.A.P.))	154	156			

AGENDA

for the 9th Plenary Session
to be held on Tuesday 20th September at 4.00 p.m.
in Room 4

1. Final approval of the Minutes of the 5th Plenary Session, Document No 120 (see 1.5 of Document 158).
 2. Approval of the Minutes of the 7th Plenary Session, 3rd part, Document 151.
 3. Approval of the Minutes of the 8th Plenary Session, Document No 158.
 4. Request from I.A.T.A. for exemption from contributing to the expenses of the Region 3 Conference.
 5. Requirements submitted after the official closing date (see Document No 161).
 6. Verbal progress report from the Chairman of Committee 5.
 7. Acceptance of interim credentials for the Delegate of Ceylon.
 8. Any other business.
-

COMMITTEE 1

REPORT OF THE STEERING COMMITTEE
19th Meeting - 13 September, 1949.

The Meeting was opened at 11.30 a.m. by the Chairman, Mr. S.S. Moorthy Rao.

1. Item 1 of the Agenda : Request by I.A.T.A. to be exempted from making any contribution to the expenses of the Region 3 Conference.

- 1.1 The Chairman announced that he had received a letter from the Secretary General informing him that the I.A.T.A. had asked to be exempted from making any contribution to the expenses of the Region 3 Conference in virtue of paragraph 3(2), Article 14 of the Atlantic City Telecommunications Convention. He stated that the Secretary General had asked the opinion of the Region 3 Conference in order to assist the Administrative Council in making its decision.

He stated that when I.A.T.A. had permission to participate as observer it had asked to know the rates of contribution and after the estimates were sent to I.A.T.A. it had stated that it would reply later. No reply had been received.

He pointed out that the Region 2 and Aeronautical Conferences had recommended that I.A.T.A. be exempted.

- 1.2 In reply to a question by Mr. McDonald (Australia), the Chairman said that I.A.T.A. had given two reasons for its request :

1) The aim of I.A.T.A. in participating in conferences of this kind was to help the Conference, rather than themselves.

2) It was provided in the Convention that observers of International Organizations could be exempted.

- 1.3 Mr. Searle (New Zealand) stated that it was difficult to discuss this question in the Steering Committee because there was always the possibility that the views of the individuals as Delegates or as Members of Committee 1 might conflict. As Member of the Committee he was of the opinion that it was strange that I.A.T.A. had asked permission to participate in the Conference and then never took part. He felt that if I.A.T.A. had been present it might have contributed more than it took out by assisting the delegates and in that way indirectly helping the Administrations in forming plans. However, since the I.A.T.A. had not participated it would be more practical if they asked to withdraw from the Conference. In that case the question of contributing to the expenses may not arise.

- 1.4 The Chairman agreed that if I.A.T.A. asked to withdraw from the Conference it may not have to contribute. However, if it did not, a question of principle would arise. He considered that, if it was an established principle that International Organs contributed more to Conferences than they

got out of them, the Atlantic City Regulations would have taken it into account, but it was evident that the Regulations required them to contribute normally according to the class elected by them.

- 1.5 Mr. Sundaram (India) thought that it would be a dangerous precedent to establish if the principle claimed by I.A.T.A. were conceded or countries were charged on an estimate of their actual contribution to the work of the Conference, because it would leave the way open to all International Organizations to attend without contributions and it might even lead to the situation where small countries which had only a few requirements were asking to be exempted because their contribution was greater than their gain. He felt that it would be more logical if I.A.T.A. just withdrew from the Conference.
- 1.6 Mr. Verboeket (Indonesia) stated that on the question of principle there was no reason for the exemption of I.A.T.A. That organization was formed in the interests of the members of commercial aviation companies, and it would be interesting if it had never sought advantages itself. He agreed that if I.A.T.A. were to ask to withdraw, there would be no reason to charge it for its share of the costs.
- 1.7 Mr. McDonald (Australia) agreed with Mr. Verboeket on the question of principle. He suggested, in order to make the Plenary Assembly's decision easier, that Committee 1 ask if I.A.T.A. considered any withdrawal before it was necessary to take that decision.
- 1.8 Mr. Dobbryn (Australia) pointed out that everyone, including I.A.T.A. would benefit from the orderly spectrum that should result from the Conferences. He felt that if an organization had enough interest to ask to be an observer it should pay its share of the expenses. However, if they should withdraw, after not having assisted, it may not be necessary to insist that they pay. He added that the more of those who contributed to the expenses, the less the load would be for all.
- 1.9 After a short discussion it was agreed that the Representative from I.A.T.A. should be contacted and informed that the Steering Committee was of the opinion that it would be difficult to uphold in the Plenary Assembly, where the final decision would have to be taken, the principle that the nature of the contributions of International Organizations like I.A.T.A. was such that they should not have to participate in the expenses of the Conference and that the representative of I.A.T.A. should be asked if I.A.T.A. was considering withdrawing and thus perhaps avoid a decision by the Plenary Assembly on the principle.
2. Item 2 of the Agenda : Request for frequencies received after the date for submission from Australia and Nepal.
 - 2.1 The Chairman announced that requests had been received from Australia and Nepal after the date set for the submission of requirements. He pointed out that they were in the class of requirements received during the session of the Conference. He considered that the Conference should use all information available to the Conference. The problem remained whether the same method should be followed as with other requirements.
 - 2.2 Mr. McDonald (Australia) said that the Australian requirements were already on cards and were being held in readiness for the decision of the Conference. He pointed out that the requests were submitted to make up some of the omissions that occurred in the List and that many of these requirements

were shared with other Australian requirements. They were all class 3 requirements.

2.3 After a short discussion between the Chairman, Mr. Verboeket (Indonesia) Mr. McDonald (Australia), Mr. Sundaram (India), and Mr. Searle (New Zealand) it was agreed that the Steering Committee should report that it was of the opinion that the Australian requirements in question might be included because there was no apparent possibility of harmful interference, however, if interference should result the frequencies should be considered on their own individual merits. It was also agreed that a special marking for these requirements, in order to distinguish them from the others, should be left to Committee 5.

2.4 The Chairman stated that the country of Nepal was not a Member of the I.T.U. nor an observer to the Conference. It was an independent State which had asked India to file its requirements with the Region 3 Conference. Perhaps Committee 5 will deal with it.

2.5 After a short discussion between the Chairman, Mr. Verboeket (Indonesia) Mr. Dobbyn (Australia), Mr. Sundaram (India), and Mr. McDonald (Australia) it was agreed that the question should be placed on the Agenda of the next Plenary Session.

3. Item 3 of the Agenda : The next Plenary Assembly.

3.1 It was decided that the next Plenary Assembly would discuss the following items :

1. The request from I.A.T.A. to be exempted from participating in the expenses of the Region 3 Conference.
2. The requirements submitted by Nepal.
3. Report of the Special Working Group for considering the Form of the Final Acts of the Conference.
4. Verbal progress report by the Chairman of Committee 5.

3.2 It was agreed that the next Plenary Assembly could be held on the 20th of September at 4.00 p.m. and that the Agenda could be published the 17th of September.

4. Item 4 of the Agenda : Any other Business.

4.1 It was agreed to postpone the approval of Document 162, Report of the 18th Meeting of Committee 1 until the next meeting.

The Meeting was closed at 12.25 p.m.

Rapporteur :

G.A. Coddling

Chairman :

S.S. Moorthy Rao

for Region 3
GENEVA, 1949

20 September 1949

COMMITTEE 5

Report of the Committee

for the allocation of frequencies

12th meeting - Friday 16th September 1949

The meeting opened at 2.40 p.m. under the Chairmanship of Mr. Dobbyn (Australia).

1. Approval of the Minutes of the 11th Meeting (Document No. 163).

1.1. The Chairman invited Mr. Nerurkar (India) to report on whether the corrections to Document No. 131 (referred to under Item 1.1.3. of Document 163) had yet been prepared. Mr. Nerurkar indicated that this task was not yet completed.

1.2. The Meeting noted that the revised version of Document No. 156 (referred to under Item 1.2. of Document 163) had been issued and it was agreed that it be listed for approval at the next meeting of Committee 5.

1.3. Amendments to Document No. 163.

Various amendments were requested and it was agreed that they be passed in writing to Lt. Col. G. Sarre for incorporation in a revised edition of Document No. 163 which would be considered at the next meeting of Committee 5. Mr. Jayasekara (U.K. Colonies) requested that the following amendment be made to the first line of paragraph 7 on page 6 - delete "Mr. Jayasekara (Ceylon)" and insert "Mr. Jayasekara (U.K. Colonies)".

1.4. Mr. Verboeket (Indonesia) stated that subsequent to the 11th meeting on the 1st September 1949 where it had been submitted that Indonesia would assign 3750 - 3800 kc/s for the exclusive use of amateurs, it had been decided by his Administration to allocate the band 3500 - 3550 kc/s for the exclusive use of amateurs, and he requested that the table attached to Document No. 163 be amended accordingly.

2. Progress of the work of Committee 5.

2.1. The Chairman outlined the existing situation concerning the status of the work of Committee 5, and then invited Mr. Cooke (U.S. Territories) to amplify the matter with details regarding the present position of the cards filed under the different categories and any other comments he may care to make.

2.2. Mr. Cooke summed up the position as seen by him, stating that up to date the original schedules laid down by the Coordinating Sub-Committee had been fairly closely adhered to; but due to the difficulties that faced some delegations in satisfactorily fitting their requirements in at the present, he could not confidently forecast the trend in the final stages of the Category 3 cards or the two final reviews.

2.3. The Chairman remarked that he had observed in the working boxes that some cards had been inserted upon which a band was indicated under "requested" instead of the precise frequency desired. He was apprehensive that this was likely to cause appreciable delays in the two final review rounds which according to the programme of work as set down, should be checks raising very little time to complete.

2.4. General discussion ensued on this point involving the Chairman, Mr. Cooke (U.S. Territories), Mr. Rao (India), and Captain Siddiqi (Pakistan). Mr. Rao stated that some of the Indian cards had not been completed to show the precise frequency allocated because there were difficulties that prevented this. Mr. Rao suggested that he would like to see some investigation carried out at this stage of the work which would assist to find a way of satisfactorily meeting all requirements and would facilitate the conclusion of Committee 5's work.

2.5. Wg. Cdr. Prosser (Australia) requested that Mr. Rao define in steps, the nature of the proposed investigation and Mr. Rao generally summed it up as follows :

- (a) Each country to list the number of circuits on which it is dissatisfied;
- (b) The Coordinating Committee to examine how the problems at (a) can be solved;
- (c) Each country to list the frequency requirements that cannot be accommodated at present.

2.6. General discussion followed at which Mr. Searle (New Zealand) stated that whilst he appreciated India's problems, he was concerned with the prospect of producing further lists and that from the New Zealand point of view he considered they were unnecessary. The Chairman invited the Indian delegation to prepare a written statement which could then be examined by the Coordinating Sub-Committee. Mr. Cooke (U.S. Territories) agreed that in the absence of Mr. Lalung-Bonnaire (Chairman of Committee 5) at the present meeting, the submission of a written statement by India would be most desirable. The Chairman stressed the importance of having the Indian proposals examined at the earliest and Mr. Rao agreed to produce a paper for study by the Coordinating Sub-Committee at 09.30 hours on Monday 19 September 1949.

2.7. Mr. Rao urged that delegations should complete the cards in respect of the protection ratio etc. in cases where assignments are doubtful.

3. Consideration of a target date for the completion of the work in connection with Committee 5.

3.1. Wg. Cdr. Prosser (Australia) proposed that due to the lack of information on the outstanding problems such as that raised by India, it would be unwise to attempt to set a target date at present; and that this should be left until after the Indian proposals had been evaluated and the outstanding problems seen more clearly. This was agreed.

4. Other business

4.1. Mr. Searle (New Zealand) commented that the time taken to prepare the outstanding list in printed form should be reduced to an absolute minimum and it was agreed that the Coordinating Sub-Committee examine ways and means of doing this.

4.2. On the proposal of Mr. Verboeket (Indonesia) it was decided to establish a Working Group of Committee 5 to prepare a preamble to the frequency lists which may ultimately form part of the final report. Mr. Searle (New Zealand) was invited to take charge of the Group in view of his experience in Committee 3 (Technical principles). Mr. Searle accepted the post and Mr. Minners (U.S. Territories) and Mr. Jayasekara (U.K. Colonies) agreed to assist. It was agreed that the Working Group would await the confirmation of its appointment by the next Region 3 Plenary Session which was to be held on 20th September.

5. The Meeting concluded at 16.45 hours.

Rapporteur :

Wg. Cdr. G.E. Prosser

Chairman :

J.M. Dobbryn

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 169-E
27 September, 1949.

COMMITTEE 5

This document contains all the amendments submitted by various Delegations, up to September 27th, 1949.

It concerns the Draft Frequency List " Band : 535 - 1605 kc/s Broadcasting" referred to in Document N° 152 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 169-F
27 septembre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 27 septembre 1949, concernant le Projet de Liste des fréquences " Bande : 535 - 1605 kc/s, Service de Radiodiffusion" auquel se réfère le document N° 152 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	600	JAMSHEDPUR 86E-22N		140	Broadcast.	A3 10kc/s	20.00	0100-1900	INDIA	B-EU Z12
2	620	INDORE 76E-23N		120	Broadcast.	A3 10kc/s	10.00	0100-1900	INDIA	B-EU Z04
	650	AJMER 75E-26N		140	Broadcast.	A3 10kc/s	20.00	0100-1900	INDIA	B-EU Z08
3	690	DELHI 77E-29N		240	Broadcast.	A3 10kc/s	100.00	0100-1900	INDIA	B-EU Z13
	710	MULTAN 72E-30N		400	Broadcast.	A3 10kc/s	5.00	0100-1900	PAKISTAN	B-LD 11
4	760	MACAU 114E-22N			Broadcast.	A3 10kc/s	2.00	0500-1600	MACAU	B-GK Z01
5	800	TINNEVELLY		40	Broadcast.	A3 10kc/s	1.00	0100-1900	INDIA	B-EV Z27
	820	POONA 74E-19N		140	Broadcast.	A3 10kc/s	20.00	0100-1900	INDIA	B-EV Z18
9	1050	JAFFNA 80E-09N		80	Broadcast.	A3 10kc/s	0.50	0200-1800	CEYLON	B-BT 3
14	1310	KANDY 81E-07N		80	Broadcast.	A3 10kc/s	0.50	0200-1800	CHINA	B-BT 2
18	1500	RAWALPINDI 74E-34N		100	Broadcast.	A3 10kc/s	1.00	0100-1900	PAKISTAN	B-LD 14
	1510	DARBHANGA		120	Broadcast.	A3 10kc/s	10.00	0100-1900	INDIA	B-EV Z22

ADDITIONS

ADJONCTIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	600	AJMER 75E-26N		140	Broadcast.	A3 10 kc/s	20.00	0100-1900	INDIA	B-EU 208
2	620	JAMSHEDPUR 86E-22N		140	Broadcast.	A3 10 kc/s	20.00	0100-1900	INDIA	B-EU 212
	650	INDORE 76E-23N		120	"	"	10.00	0100-1900	INDIA	B-EU 204
3	690	MULTAN 72E-30N		400	Broadcast.	A3 10 kc/s	10.00	0100-1900	PAKISTAN	B-LD 11
	710	DELHI 77E-29N		240	"	"	100.00	0100-1900	INDIA	B-EU 203
4	780	MACAU 114E-22N			Broadcast.	A3 10 kc/s	2.00	0500-1600	MACAU	B-GK 201
5	800	POONA 74E-19N		140	Broadcast.	A3 10 kc/s	20.00	0100-1900	INDIA	B-EV 218
9	1030	JAFFNA 80E-09N		80	Broadcast.	A3 10 kc/s	0.50	0200-1800	CEYLON	B-BT 3
15	1330	KANDY 81E-07N		80	Broadcast.	A3 10 kc/s	0.50	0200-1800	CEYLON	B-BT 2
18	1500	DARBHANGA		120	Broadcast.	A3 10 kc/s	10.00	0100-1900	INDIA	B-EU 222
	1510	RAWALPINDI 74E-34N		100	"	"	1.00	0100-1900	PAKISTAN	B-LD 14

AMENDMENTS

(Reg.3-169-E&F)

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Line Ligne	Instead of : Au lieu de :	Read : Lire :
1	570	4a	1	SAPPORO 141E-43N	SAPPORO(*) 141E-43N (*) Footnote : The effective power of the Japanese broadcasting station JOIK, Sapporo, Japan, corresponding to circuit N° BFN 3 on 570 kc/s shall not exceed 10 kW in the direction of New Zealand. (*) Note : La puissance effective de la station de radiodiffusion JOIK, Sapporo, Japon, correspondant au circuit N° BFN 3 sur 570 kc/s ne doit pas dépasser 10 kW dans la direction de la Nouvelle Zélande.
	570	10	2	1800 - 1400	1800 - 1100
	600	4a	1	CHESSOO	CHEJOO
2	640	A	4	CEYLAN	CEYLON
	650	10	2	0400 - 1000	0400 - 1100
3	710	8	1	5.00	10.00
	720	10	5	1900 - 1000	1900 - 1100
5	810	4a	2	DUBRO, NSW.	DUBBO, N.S.W.
	820	4a	5	NEWCASTLE, N.	NEWCASTLE, N.S.W.
	850	4a	2	CANBERRA, Act.	CANBERRA, A.C.T.
6	860	10	7	1900 - 1000	1900 - 1100
	880	10	8	1800 - 1100	1700 - 1100
7	900	10	8	0400 - 1000	0400 - 1100
	920	10	1	1900 - 1000	1900 - 1100
	940	10	1	1900 - 1000	1800 - 1000
8	950	A	4	BIRMA	BURMA
	960	10	1	0400 - 1000	0400 - 1100
	980	A	7	-	INDIA

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Line Ligne	Instead of : Au lieu de :	Read : Lire :
9	1050	4a	1	CANBERRA, A.	CANBERRA, A.C.T.
10	1060	B	2	B-WY Z16	B-HY Z16
11	1140	B	7	B-DY Z17	B-HY Z17
	1160	10	3	1900 - 1000	0600 - 1100
12	1230	4a	6	NEWCASTLE, N.	NEWCASTLE, N.S.W.
14	1260	4a	4	SENDAI 141E-38N	SENDAI 130E-32N
15	1310	4a	3	OSAKA 137E-35N	OSAKA 136E-35N
	1340	B	2	B-NM 29	B-HM 29
	1350	4a	1	GEELANG, V.	GEELONG, VIC.
16	1370	4a	4	HT.GAMBIER, SA	MT.GAMBIER, S.A.
	1390	B	1	B-KM 31	B-HM 31
17	1460	4a - B	1	ASKBURTON B-KM 36	ASHBURTON B-HM 36
18	1480	B	1	B-HM 47	B-HM 37
	1510	4a	1	KEWCASTLE, NSW.	NEWCASTLE, N.S.W.

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 170-E
27 September, 1949.

COMMITTEE 5

This document contains all the amendments submitted by various Delegations, up to September 27th, 1949.

It concerns the Draft Frequency List "Exclusive Maritime Mobile Bands 415 - 490 kc/s; 2065 - 2100 kc/s" referred to in Document N° 157 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 170-F
27 septembre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 27 septembre 1949, concernant le Projet de Liste des fréquences "Bandes exclusives mobiles maritimes 415 - 490 kc/s; 2065 - 2100 kc/s" auquel se réfère le document N° 157 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
2	422	SHANGHAI	PACIFIC AREA	800	MOB. MAR.	A1 F1	1.00	0000-2400	CHINA	C-CB 3
	430	MANILA 121E-15N KAGOSHIMA 131E-32N		1000 500	" "	A1 A2	0.35 0.50	0000-2400 0000-2400	PHILIPPINES JAPAN	C-HY 40 C-FN 216
3	438	ZAMBOANGA 122E- 7N		1000	" "	A1	0.35	0000-2400	PHILIPPINES	C-HY 37
5	450	SHANGHAI	PACIFIC AREA	800	" "	A1 F1	1.00	0000-2400	CHINA	C-CB 6
7	474	SHANGHAI GUAM	PACIFIC AREA PACIFIC AREA	800 800	" "	A1 F1 A1 F1	1.00 0.50	0000-2400 0000-2400	CHINA MARIANA IS.	C-CN 9 C-FU 12
	476	MAKASSER RADIO		1500	" "	A1	3.00	0000-2400	INDONESIA	C-EX 6
<u>ADDITIONS</u>										
2	430	ZAMBOANGA 122E- 7N GUAM	PACIFIC AREA	1000 800	MOB. MAR. " "	A1 A1 F1	0.35 0.50	0000-2400 0000-2400	PHILIPPINES CHINA	C-HY 37 C-CB 9
3	438	MANILA 121E-15N		1000	" "	A1	0.35	0000-2400	PHILIPPINES	C-HY 40
6	465	MAKASSER RADIO		1500	" "	A1	3.00	0000-2400	INDONESIA	C-EX 6
7	472	IZUHARA 129E-34N SAKAI 133E-35N KOCHI 133E-33N SHIOGAMA 141E-38N MOJI 131E-34N		800 800 800 800 800	" " " " " " " " " "	A2 A2 A2 A2 A2	1.00 1.00 1.00 1.00 1.00	0000-2400 0000-2400 0000-2400 0000-2400 0000-2400	JAPAN " " " "	C-FN 24A C-FN 24B C-FN 24C C-FN 24D C-FN 24E
	478	KAGOSHIMA 131E-32N		500	" "	A2	0.50	0000-2400	JAPAN	C-FN 216

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Line Ligne	Instead of : Au lieu de :	Read : Lire :
1	416	A	1	BIRMA	BURMA
2	430	8	6	0.50	2.00
3	435	A & B	4	NEW GUINEA, T. C-HT X99	NEW GUINEA C-HT Y99
	440	B	9	NEW GUINEA, T.	NEW GUINEA
6	460	A	11	JAPAN	CHINA
	464	4b	7		COASTAL AREA
9	2065	A	2	BIRMA	BURMA
	2085	10	2		0000-2400
	2091	4a	1	JAPAN	JAPAN (SHIP)
	2100	4b	1		COASTAL AREA

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 171-E
29 September, 1949.

COMMITTEE 5

This document contains all the amendments submitted by various delegations, up to September 29th, 1949.

It concerns the Draft Frequency List "Shared Bands 200 - 415 kc/s and 510 - 535 kc/s" referred to in Document N° 164 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 171-F
29 septembre 1949.

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 29 septembre 1949, concernant le Projet de Liste des fréquences "Bandes partagées 200 - 415 kc/s et 510 - 535 kc/s" auquel se réfère le document N° 164 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	210	NEW PLYMOUTH 174E-39S			R.NAV.AER.	A2 A3	0.50	CONTIN.	NEW ZEALAND	D-HM 1
10	316	SHANGHAI	PACIFIC AREA	1000	R.NAV.AER.	A1	1.00	"	CHINA	A-CB 8A
11	325	BRISBANE 153E-27S		400	MOB.AER.	A1 A2 A3	0.50	"	AUSTRALIA	A-AT 77Q
12	327	DILI 126E-09S		200	MOB.AER.	A1 A2 A3	0.10	"	TIMOR PORT.	A-JR Z04
		OCUSSI 126E-09S		200	MOB.AER.	A1 A2 A3	0.10	"	" "	A-JR Z06
13	342.5	SHANGHAI	PACIFIC AREA	1000	MOB.AER.	A3	1.00	"	CHINA	A-CB 9B
15	350	SHANGHAI	" "	1000	" "	A3	1.00	"	"	A-CB 9C
16	366	SHANGHAI	" "	1000	R.NAV.AER.	A1	1.00	"	"	A-CB 8C
18	380	SHANGHAI	" "	1000	R.NAV.AER.	A1	1.00	"	"	A-CB 8B
19	397	SHANGHAI	" "	1000	MOB.MAR.	A3	1.00	"	"	A-CB 9A
20	406	SHANGHAI	" "	1000	MOB.AER.	A3	1.00	"	"	A-CB 9D
22	535	PUSAN 129E-35N	KOREA		MOB.AER.	A1 A2	0.25	2300-0900	KOREA	A-KZ Z04
		KANGNEUNG 129E-35N	KOREA		" "	A1 A2	0.25	2300-0900	"	A-KZ Z07

ADDITIONS

ADJONCTIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	212	NADZAB, NEW GUINEA			R.NAV.AER.	A1 A2 A3	1.00	CONTIN.	AUSTRALIA	D-HT Z01
4	248	TAMWORTH, N.S.W.			R.NAV.AER.	A1 A2	0.50	"	"	D-AT Z01
5	269	SYDNEY			R.NAV.AER.	A1 A2	0.01	INTERM.	"	D-AT Z02
6	276	RABAU 152E-04S			R.NAV.AER.	A1 A2	0.50	CONTIN.	"	D-HT Z02
7	292	MELBOURNE			R.NAV.AER.	A1 A2	0.01	INTERM.	"	D-AT Z03
8	295	MELBOURNE			R.NAV.AER.	A1 A2	0.01	"	"	D-AT Z04
	296	MELBOURNE			R.NAV.AER.	A1 A2	0.30	CONTIN.	"	D-AT Z05
	300	MATSUME 140E-41N MESHIMA 128E-32N	COASTAL AREA	300	R.NAV.MAR. MOB.MAR.	A2 A2	0.50 0.50	CONTIN. 0000-2400	JAPAN "	C-FN 53 C-FN Z52
9	310	SYDNEY			R.NAV.AER.	A1 A2	0.01	INTERM.	AUSTRALIA	D-AT Z06
12	355	DILI 126E-09S OCUSSI 126E-09S		200 200	MOB.AER. MOB.AER.	A1 A2 A3 A1 A2 A3	0.20 0.10	CONTIN. CONTIN.	TIMOR PORT. " "	A-JR Z04 A-JR Z06
21	410	MESHIMA 128E-32N	COASTAL AREA		MOB.MAR.	A2	0.50	0000-2400	JAPAN	C-FN Z52
22	525	GARDEN ISLAND (SYDNEY)			MOB.MAR.	A1	0.01	INTERM.	AUSTRALIA	C-AT Z04
	520	PUSAN 129E-35N KANGNEUNG 129E-35N	KOREA KOREA		MOB.AER. MOB.AER.	A1 A2 A1 A2	0.25 0.25	2300-0900 2300-0900	KOREA "	A-KZ Z04 A-KZ Z07

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
1	200	4a	D-AT 90	WILTON, N.A.	WILTON, N.S.W.
		4a	D-AT 57	Oakey, QID.	Oakey, QLD.
	206	4a	D-HM 1	NEW PLYMOUTH	NEW PLYMOUTH 174E-39S
	208	4a	D-AS 1	ADELAIDE 138E-35S	PARAFIELD 138E-35S
	212	4a	D-AS 60	PERTH, W.A. 116E-31S	PEARCE, W.A. 116E-32S
2	216	4a	D-AS 36	GRIFFITHS	GRIFFITH
	220	4c	A-AT 95B		2400
	224	4a	D-AS 4	ALICE 134E-24S	ALICE SPRINGS 134E-24S
	225	B	D-FL 13	D-FL 13	D-FZ 13
	228	B	D-AT 18	D-AT 18	D-AT 8
3	232	B	O-AS 75	O-AS 75	D-AS 75
	244	4a	D-AT 43	LAUNCESTON 148E-41S	WESTERN JUNCTION 148E-41S
4	248	5	D-HM 11	MOB.AER.	R.NAV.AER.
	259	A and B	D-FN 1	JAPAN D-FN 1	SOLOMON IS. D-IN 1
	260	4a	D-AS 61	PORT MEDLAND 118E-20S	PORT HEDLAND 118E-20S
5	272	4a	D-AD 67	TENNANTS CREEK 134E-20S	TENNANT CREEK 134E-20S
6	280	6	A-AT 96A-B-C A-AS 90A-B		A1 A3 A1 A3
7	289	4c & 5 4a	D-AT 78 D-AT 81	R.NAV.AER. MARINE BEACON	160 R.NAV.MAR COAST AUSTRALIA
8	300	B	C-FN 53	C-FN 53	C-FN 52
10	315	1	D-HM 30	315	314

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
11	325	4a B 4a 4a	A-AS 83M A-AS 83M A-AS 86H A-AS 86J	TENNANTS CREEK 134E-20S A-AS 83M PORT HEADLAND 118E-20S DARBY 123E-17S	TENNANT CREEK 134E-20S A-AS 83H PORT HEDLAND 118E-20S DERBY 123E-17S
13	342.5	4a	A-KT 13B	SANGLEY	SANGLEY POINT
15	352	6	D-HM 35		A2 A3
17	368	4a	D-AT 66	SYDNEY 151E-34S	MASCOT 151E-34S
18	384	4c & 8	D-HN 1	350 0.30	800 1.00
19	393	4c & 8	D-HN 2	350 0.30	800 1.00
20	404	4a	D-AT 88	RICHMOND, N.A.	RICHMOND
21	410	10	C-HF 48	2100 - 0130	2100 - 0730
22	530	4a	A-AT 201	AUSTRALASIA	AUSTRALIA & NEW GUINEA

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document No 172-E
29 September, 1949.

COMMITTEE 5

This document contains all the amendments submitted by various Delegations, up to September 29th, 1949.

It concerns the Draft Frequency List " Shared Band 150 - 160 kc/s
Exclusive Fixed Band 160 - 200 kc/s" referred to in Document No 164
(Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document No 172-F
29 septembre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 29 septembre 1949, concernant le Projet de Liste des fréquences "Bande partagée 150 - 160 kc/s, Bande exclusive fixe 160 - 200 kc/s" auquel se réfère le document No 165 (Index alphabétique).

ADDITIONS

ADJONCTIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	152	JAPAN (SHIP)	COASTAL AREA		MOB.MAR.	A2	1.00	CONTIN.	JAPAN	C-FN Z03
2	171.25	KURE	(KOBE)						
		SHIOGAMA	(KAGOSHIMA)						
		MOJI	(KOCHI)						
		SASEBO	(SAKAI)						
		MAIZURU	(IZUHARA)						
		TOKYO	(TOKYO	)	FIXED	A1	0.50	0000-2400	JAPAN	R-FN 70N
		IZUHARA	(MAIZURU)						
		SAKAI	(SASEBO)						
		KOCHI	(MOJI)						
		KAGOSHIMA	(SHIOGAMA)						
		KOBE	(KURE)						

COMMITTEE 5

REPORT BY THE CHAIRMAN OF THE WORKING GROUP

ON ZONAL DIVISION OF COMMITTEE 5

The working group was set up at the meeting of Committee 5 on 1st July, 1949 with the broad terms of reference of determining a division of Region 3 into zones of such dimensions that alternate zones could allocate frequencies in the same band, without mutual interference when the transmitter powers were approximately equal. Where practicable it was desirable that the zone boundaries should follow political or national boundaries.

One meeting was held on this question and the Region was divided into six zones lettered A to F, following broadly the lines indicated by the Committee. This division is indicated on the map, Annex A. Annex B gives a table of the Administrations concerned in each zone.

On the question of the conditions under which such a zonal sub-division would allow independence of frequency allocations in alternate or adjacent zones, it was felt, after considerable discussion, that the question was best solved by inter-zonal consultation in particular cases, in view of the many independent parameters involved and the impossibility of laying down general rules without further prolonged study.

J. L. CREIGHTON

Chairman of Working Group

ANNEX B

LIST OF ADMINISTRATIONS CONCERNED IN THE REGIONAL ZONES

- A Iran
 Pakistan West
 Afghanistan

- B India
 Pakistan East
 Burma
 Portuguese Colonies
 U.K. Colonies

- C China
 U.K. Colonies

- D China
 Japan
 Korea
 U.S.A. Territories

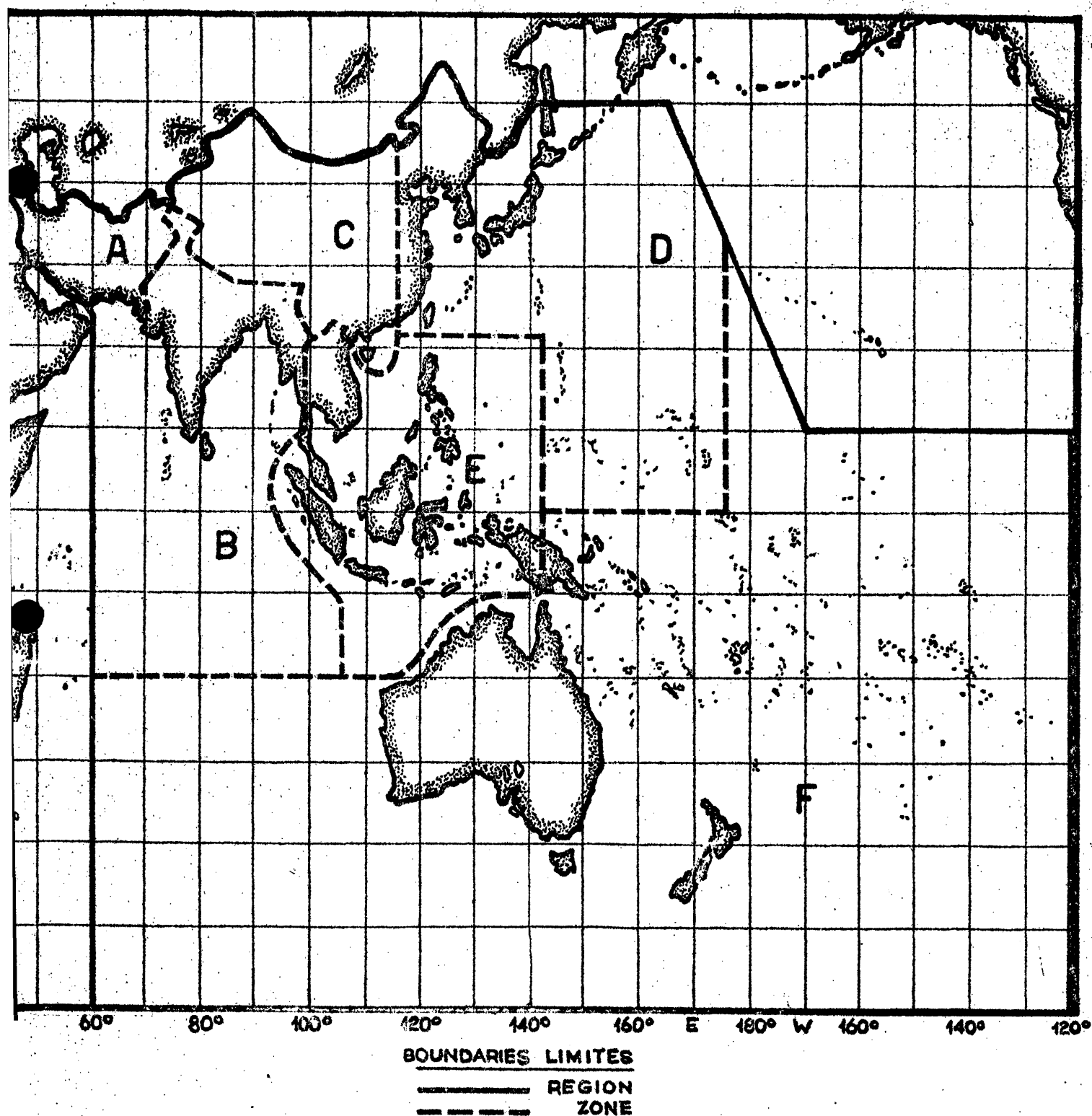
- E Thailand
 French Indo-China
 Indonesia
 Portuguese Colonies
 Philippines
 U.K. Colonies
 U.S.A. Territories

- F Australia
 New Zealand
 U.S.A. Territories
 French Territories
 U.K. Colonies

ANNEXE A . ANNEX A

SUBDIVISION OF REGION 3 INTO ZONES
FOR PURPOSES OF FREQUENCY ALLOCATION

SUBDIVISION DE LA RÉGION 3 EN ZONES,
EN VUE DE L'ALLOCATION DES FRÉQUENCES



for Region 3
Geneva, 1949

COMMITTEE 5Report of the Committee for the Allocation of Frequencies

13th Meeting - 23rd September, 1949.

The meeting was opened at 09.10 hours by the Chairman, Mr. Lalung-Bonnaire.

1. Item 1 of the Agenda : Approval of the decisions taken by the Coordination Group.

1.1 The Chairman then made the following summary of the decisions taken by the Coordination Group in its meeting of the 19th of September, 1949.

1) It decided to replace the checking of the cards for the band 1605 - 3900 kc/s by the drawing up of a temporary list which would enable all the Delegations to make a simultaneous study of the requirements with a view to proposing necessary amendments.

2) The temporary provisional list would be drawn up in manuscript form by the delegates themselves, using the cards in the boxes as a starting point. This work was to begin on the 22nd of September.

3) At this meeting, the number of members in the Coordination Group was much larger than usual, and the Group felt that it was sufficiently representative and agreed to proceed with work on the list before Committee 5 itself regularised the decisions taken.

He then asked the Assembly if it approved the decision taken and to the implementation of the decision before final approval by Committee 5.

1.2 The decisions were approved without comment.

2. Item 2 of the Agenda : Fixing the dates for the various steps still to be carried out by Committee 5.

2.1 The Chairman announced that he had drawn up a scheme of the stages through which Committee 5 still had to go. He said that in view of the time necessary for the Delegates to complete the work for each stage and for the Secretariat to complete all of the material work necessary he had set up a provisional list of dead line dates for each of the stages. The stages of the work and the proposed deadline dates are as follows :

<u>Stage</u>	<u>Proposed Date</u>
1. Limit for reception by the Secretariat of amendments proposed to the lists already published (below 1600 kc/s)	26th September.
2. Examination by Committee 5 of the amendments submitted under point 1.	30th September.

3. Drawing up in manuscript form of the provisional list for bands superior to 1605 kc/s 1st October.
4. Appearance in roneoed form of the provisional list ... 7th October.
5. Submission of amendments to the provisional list 13th October.
6. Examination by Committee 5 of the provisional list and of the amendments 17th October.
7. Examination of the draft final report of Committee 5 to the Plenary Assembly 20th to 22nd October.

He pointed out that the dates to be fixed for the first six steps were absolutely final and after that date that portion of the work in question would be considered completely finished. The date for the 7th step was not final; being the date by which the Chairman and the Vice-Chairmen should have finished the drafting of the final report. He said that they would do all in their power to abide by that date.

He considered that points 1 and 2, and 5 and 6 should be considered separately, because if both the lists were to be discussed and approved at the same time there would be too heavy a load of work at the last minute.

He appealed to the Delegates to do all possible to enable the Committee to keep the dates. Concentrated work would be especially necessary to keep the date set for point 3.

- 2.2 Mr. Cooke (U.S. Territories) stated that S.C.A.P. had communicated several desired changes in its medium frequency broadcasting assignments. These changes had been negotiated with Administrations concerned, and in some cases the desired agreement had been secured. In others however, substitutions were necessary and his delegation had communicated with S.C.A.P. for confirmation of the substitutions made. Since a reply would not arrive in Geneva for another week, he asked that the date for submission of amendments be advanced.

In reply to a question by the Chairman, he said that most of the changes involved exchanges with the Japanese stations. The other changes had been taken up with Administrations and provisional agreements had been reached. The only question which remained was confirmation of the substitutions which had been made.

- 2.3 After a short discussion between the Chairman, Mr. Sundaram (India), Mr. Jayasekara (Ceylon), and Mr. Prosser (Australia), it was agreed that the dates for the first two steps should be October 3rd at noon and October 6th respectively. This would allow time for the submission of changes by S.C.A.P. and would fill in the natural gap in the work between steps 3 and 4.

- 2.4 Mr. Prosser (Australia) felt that the amendments in the hands of the Secretariat after step 5 would be extensive and would necessitate some additional time to allow each delegate to enter the published amendments in their lists. Therefore the date for the 6th step should be advanced.

2.5 The Chairman said that the comments made by Mr. Prosser brought to mind two points which he had forgotten.

1) Delegates should not wait until the last minute to submit their amendments to the Secretariat, so as not to create a last minute rush.

2) He considered that the final date for step 5 should be specified as 12.00 hours of the 13th October.

With these two points in mind the problem raised by Mr. Prosser would not be so grave.

2.6 After a short discussion between the Chairman and Mr. Prosser (Australia) it was agreed that the deadline of the 6th step should be the 18th October at 16.00 hours.

2.7 Mr. Severin (U.K. Colonies) felt that time could be saved between steps 3 and 4 if all delegates made out their lists carefully and clearly. This would lighten the burden of the Secretariat and the lists could be published earlier.

2.8 The Chairman stated that he had considered publishing an alphabetical index to the frequencies of each country in the list which would save the time of the Delegates when searching for their countries' requirements. The drawing up of the provisional list, the publishing of the index, the checking by the delegates and the publishing of the completed list would, in his opinion, take up all the time allowed between steps 3 and 4.

2.9 In view of the Chairman's explanation, Mr. Severin (U.K. Colonies) agreed that the date set was feasible.

2.10 Mr. Prosser (Australia) asked the Chairman whether there might not be additional requirements between steps 5 and 6 that would give rise to a need for a second corrigendum as had happened in Region 1. If this was possible he thought that a little more time might be allotted between steps 6 and 7.

2.11 The Chairman explained that since the entire committee would be in attendance between steps 4 and 6 it would be easy for Delegates who had amendments to submit, to contact the other Delegations affected and come to a direct agreement. If no solution was found the problem could be given to the Coordinating Committee for its consideration. If such a procedure were followed he did not think there would be necessity for a second corrigendum.

2.12 Mr. Prosser (Australia) agreed that such a procedure would very probably eliminate the necessity of additional corrigendums. He did however feel that step 4 should be precised by adding 12.00 noon. This would allow the Delegations to contact their Administrations and receive the necessary instructions in the case of dispute.

- 2.13 Mr. Sundarum (India) considered that the Delegates should have more time between steps 4 and 5 to consider the amendments submitted. He thought that this would save time at step 6.
- 2.14 Mr. Dobbyn (Australia) agreed with Mr. Sundarum. He then asked the Chairman in what form the list would be at step 6.
- 2.15 The Chairman replied that the Draft List would be in roneoed form at step 4. The amendments submitted to this list would also have been roneoed, and these the Delegates themselves would insert in their lists and keep up to date. He felt that there was not enough time to publish a new list with all amendments included so this would be done after the Conference as had been done in Region 1.
- 2.16 Mr. Sundarum (India) asked at what stage in the work would the entire Committee be gathered to consider the amendments as they came in. If this came between step 4 and 5, step 6 would be a mere formality and would not take up much time.
- 2.17 Mr. Javasekara (Ceylon) agreed with Mr. Sundarum that if the largest portion of the work was to be done between steps 4 and 5 there should be more time available.
- 2.18 Mr. Severin (U.K. Colonies) felt that the entering by each Delegation of amendments into their lists would take considerable time. In addition he felt that there would be a need for quite an amount of time at step 6 in order to settle the controversial issues that could not be solved between steps 4 and 5.
- 2.19 The Chairman replied that he had thought that after the 7th or 8th October (step 4), all the Delegates, members of Committee 5, would sit permanently for the purpose of making amendments. The Delegates affected by an amendment could meet and work out a direct solution. If a solution is not found by the direct method, Delegates could submit the problem to the Coordinating Group for suggestions. After an amendment was in its final form, the Secretariat would publish it for the Delegates so that they could enter it in their lists.
- He pointed out that the Coordinating Group would not meet as such, but each member would be there to answer questions and to offer information where direct consultation was of no avail. The amendments as agreed upon could be submitted to the Secretariat for printing at noon in the evening.
- He felt that the Secretariat could have all the amendments published by Saturday the 15th of October, so that the Delegates could have the week end to inscribe the amendments on their lists by hand.
- 2.20 Mr. Javasekara (Ceylon) felt that the Coordinating Group itself could amend the master list as amendments were agreed upon, so that there would always be a complete list available for the use of the Delegations.

- 2.21 The Chairman pointed out that the Coordinating Group itself was made up of Delegates who might have problems to be worked out. He felt it would be better to have the Secretariat publish the amendments agreed upon each half day so that all the Delegations could keep up a complete list.
- 2.22 Mr. Javasekara (Ceylon) asked whether it would be possible to have a member of the Secretariat keep an up-to-date list which the Delegations could consult at any time in order to obtain an overall picture.
- 2.23 After a short recess, the Chairman announced that he had consulted with Mr. Prosser on the question of time necessary for the three steps and had the following suggestions to make:
- 1) Point 4 should be set at October 7 at 12.00; it being understood that the Delegations would work as quickly as possible to prepare the list.
 - 2) The date for the 6th step could be set as 18th October at 1600 hours.
 - 3) The date for the 5th step could be left up to the Coordinating Group to decide, with the understanding that it would give the Delegates 48 hours warning.
- 2.24 The final dates (para N° 2.1) as amended (paras N° 2.3, 2.6, and 2.23) were adopted by the Assembly.
- 2.25 The Chairman announced that he had worked out a model form on which the Delegations could submit their amendments. It would have the following columns:
- 1) Number of the circuit
 - 2) Present frequency
 - 3) Proposed frequency
 - 4) Reasons for the requested change
 - 5) Summary of the solution proposed
 - 6) Remarks (whether the delegations concerned were in agreement or not)

He felt that this form would show the amendment requested and the solution suggested fairly clearly.

- 2.26 It was agreed that this form would be adopted for the use of the Coordinating Group and the Delegates.
- 2.27 After a short discussion between the Chairman, Mr. Sundaram (India), Capt. Siddiqi (Pakistan), Mr. Javasekara (Ceylon) and Mr. Cooke (U.S. Territories), it was agreed to accept the very kind offer made by Mr. Cooke to keep a master list up to date between steps 4 and 5.
3. Item 3 of the Agenda : Consideration of such reports as have not yet been approved.
- 3.1 In view of the fact that the documents in question had not been distributed in time to allow all Delegations to consider them, it was decided to postpone their approval to a later date.
- 3.2 Mr. Searle (New Zealand) stated that Document N° 163 was unacceptable to New Zealand, even in its revised form. He said that he would do all possible to correct the document and to discuss the matters with the Delegates involved.
4. Item 4 of the Agenda : Any other business
- 4.1 No delegate asked for the floor.
- 4.2 The Chairman reminded the Delegates that if they wanted to have the list completed as scheduled it would be necessary for as many as possible of the Delegates to devote their time in preparing it.
- 4.3 The meeting was closed at 12.10 hours.

Chairman

M. Lalung-Bonnaire

MINUTES OF THE 9TH PLENARY SESSION

held on Tuesday, 20th September, 1949

The meeting was opened at 16.00 hours by the Chairman, Mr. S.S. Moorthy Rao.

The following countries and organisations were represented:

Afghanistan, Australia, China, French Oversea Territories, India, Indonesia, New Zealand, Pakistan, Philippines, United Kingdom Colonies, United States Territories, Korea and I.F.R.B.

The Agenda was contained in Document No 166.

1. Item 1 of the Agenda: Final Approval of the Minutes of the 5th Plenary Session. Document No 120 (see para No 1.5 of Document No 158 and Corrections to Document No 141).
 - 1.2 Mr. Plakies (U.S. Territories) mentioned among others the following corrections and said that he would confer with the Secretary on the matter.
 - 1.2.1 Document No 141 (corrections to Document No 120), in the correction entitled "Page 3, para No 2.4.1", the last line should read "Popular Democratic Republic of Korea" instead of "Popular Democratic of Korea".
 - 1.2.2 Document No 120, page 3, para No 2.4.1, sub-para No 2, 1st line, delete the word "Democratic".
 - 1.2.3 Document No 120, page 3, para No 2.4.1, sub-para No 2, 5th line; change to read "covered the whole of the territory of Korea."
 - 1.2.4 These corrections were approved.
 - 1.3 Document No 120, as amended in Document No 141 (see also Doc. 158) and para No 1.2 above, was approved.
2. Item 2 of the Agenda: Approval of the Minutes of the 7th Plenary Session 3rd part. Document No 151.
 - 2.1 Mr. Minners (U.S. Territories) requested the following amendments.
 - 2.1.1 Page 3, para No 3.6, lines 2 and 3 be changed to read : "No 833 (sub-section 15) stands separately by subsection notation from Nos 830, 831 and 832 (sub-section 14), all of which refer specifically to 156.8 Mc/s and is under the heading....".
 - 2.1.2 Page 4, para No 3.18, line 3: "933" should read "833".
 - 2.1.3 These corrections were approved.
 - 2.2 The following correction requested by Mr. Creighton (U.K. Colonies) was approved: Page 3, para 3.12, 5th line; in place of "by" read "to".

- 2.3 The following correction requested by Capt. Siddiqi (Pakistan) was approved: Page 4, para No 3.19; "Mr. Siddiki" should read "Mr. Siddiqi".
- 2.4 Document No 151 was approved as amended.
3. Item 3 of the Agenda: Approval of the Minutes of the 8th Plenary Session, Document No 158.
- 3.1 Document No 158 was approved with the following amendment requested by Mr. McDonald (Australia): Page 4, para No 6.5, line 3; delete "Committee 5 had done" and replace by "had been done by Mr. Lalung-Bonnaire."
4. Item 4 of the Agenda: Request from I.A.T.A. for exemption from contributing to the expenses of the Region 3 Conference.
- 4.1 The Chairman announced that he had received a letter from the Secretary General intimating that I.A.T.A. had requested exemption from participating in the costs of the Region 3 Conference and requesting the Chairman to obtain the opinion of the Assembly in order that the Administrative Council might be aided in making its decision on the matter. He pointed to Article 14 3. (2) of the Convention which stated that International Organisations will normally contribute to expenses, but that the Administrative Council has the power to excuse certain International Organisations from contribution.
- The Chairman drew the attention of the Assembly to the fact that the Executive Committee had discussed the matter at its 19th Meeting (see Document 167). The Committee, while divided on the merits of the principle advanced by I.A.T.A., nevertheless felt that since I.A.T.A. had not participated in the Region 3 Conference so far and if it should decide to withdraw now there need be no objection to the exemption of I.A.T.A. from payment in the conference. As directed by the Committee he had addressed a letter to the local representative of I.A.T.A. asking if the organisation was considering withdrawal from the Conference. He had received a reply which stated that I.A.T.A. did wish to withdraw from the Region 3 Conference and that it would notify the Administrative Council to that effect. The reply also expressed the deep regret of I.A.T.A. that, due to a heavy schedule it had not been able to have a representative available to assist the Delegates of the Region 3 Conference.
- He also pointed out that in the second paragraph of the letter to the Secretary General, I.A.T.A. based its claim for exemption on the argument that the representative of I.A.T.A. possessed special technical knowledge which he offered to the Delegates at Conferences to aid them in their work; therefore, the principle was that I.A.T.A. actually gave more to a Conference than it received.
- He then stated that it was for the Plenary Assembly to decide whether to recommend that I.A.T.A. be exempted or not.
- 4.2 Mr. McDonald (Australia) made the following proposal:
- "The Conference approves the action taken by the Chairman in writing to the representative of I.A.T.A., and in view of the reply received it decides not to charge I.A.T.A. for its participation."

He stated that the fact that I.A.T.A. had received the documents of the Conference was not a basis for claiming that it should not be exempted, because both Region 1 and the P.F.B. had received documents without being charged for them.

- 4.3 Mr. Searle (New Zealand) stated that he supported the viewpoint of the Delegate of Australia, but considered that Region 3 should only recommend to the Administrative Council that I.A.T.A. be exempted and not say that it had taken a decision to that effect.
- 4.4 In reply to a request for clarification by Mr. Plakias (U.S. Territories) the Secretary said that the Representative of I.A.T.A. had presented himself, registered, received a card and given instructions to the Secretariat in regard to the disposition of his documents.
- 4.5 Mr. Sundaram (India) said that he supported the viewpoint of the Delegate of Australia without going into the controversial issues which had arisen from the first letter of I.A.T.A. to the Secretary General. However, he felt that it would be better to state that the recommendation of Region 1 was based on the withdrawal of I.A.T.A. and not on the principle involved.
- 4.6 Mr. Creighton (U.K. Colonies) pointed out that Region 1 had discussed the issue and decided to say merely that it saw no reason why I.A.T.A. should be exempted. This had left the responsibility of the decision to the Administrative Council. He considered that I.A.T.A. had given no reason to support its statement that it gave more to a Conference than it took out; in fact it could be argued to the contrary in the case of Region 3, for it had registered and received all the documents of the Conference. He felt that if there were reasons supporting their statement he would like to hear them presented.
- 4.7 Mr. Searle (New Zealand) commenting on the statement made by Mr. Sundaram was of the opinion that since the question of principle had not been discussed it would be awkward to refer to it in the recommendation; especially since there might be some disagreement on that point. If the Observer had been present they would have been able to judge whether the claims of I.A.T.A. had a basis, but since he was not they could not do so. He felt that the Assembly could say quite simply that they did not see any reason why I.A.T.A. should pay.
- 4.8 Mr. Creighton (U.K. Colonies) considered that it might be more appropriate to state that the Assembly could not agree whether it should or should not recommend the exemption of I.A.T.A. A summary of the circumstances could be included and the decision could then be left to the Administrative Council.
- 4.9 Mr. Lalung-Bonnaire (French Oversea Territories) suggested the following wording:

"The Administrative Radio Conference for Region 3 is not opposed to the consideration of exempting the I.A.T.A. from liability, at least as far as the cost of the documents which it has received is concerned; moreover since I.A.T.A. has withdrawn after not having taken part in the work of the Conference, the Conference feels that it should be exempted."

He considered that this would be just a statement of fact and would not be as definite as saying that the Conference had taken a decision on the matter.

- 4.10 Mr. Plakias (U.S. Territories) stated that a question of precedent might be involved. It might give rise to a series of requests for exemption in the future. Under such circumstances it should be left to the Council to decide.
- 4.11 The Chairman said that the problem had two parts: first, the question of principle. Or this Assembly could say that it did not agree to the principle offered by I.A.T.A. that it gave more than it received, or it could say that I.A.T.A. had not participated in the Conference and therefore the Conference was not able to judge. Secondly, on the practical side, the Conference could say that the I.A.T.A. should pay because it was registered and had received all the documents, or it could say that it would waive the charges for the documents in view of the fact that it had asked to withdraw.
- 4.12 Mr. Sundaram (India) stated that he was prepared to waive the costs of the documents and therefore thought that the wording "not be opposed" in the letter to the Secretary General would be appropriate and would leave the decision entirely to the Council.
- 4.13 Mr. Creighton (U.K. Colonies) considered that it would be better to say that since no arguments had been presented for I.A.T.A.'s exemption, the Assembly could see no reason why it should be.
- 4.14 Mr. Lalung-Bonnaire (French Oversea Territories) was of the opinion that since I.A.T.A. represented commercially operated airlines it was probable that it did not have a purely philanthropic purpose, therefore there was no reason to exempt it in principle. However, since they had not done anything to hinder the progress of the Conference and had decided to withdraw, the Conference could say it was "not opposed", but it should be made clear that it was not opposed solely because I.A.T.A. had not taken part and subsequently had withdrawn.

In addition he was of the opinion that it might be different if I.A.T.A. had been an international organisation called in specially to give its advice, but this was not the case.

- 4.15 After a short recess, Mr. Lalung-Bonnaire suggested the following text as a basis for discussion:

"That the Administrative Council be advised that this Conference is not opposed to the exemption of I.A.T.A. from payment of expenses to the Region 3 Administrative Radio Conference;

for the reasons that:

- a) I.A.T.A. has withdrawn from the Conference;
- b) I.A.T.A. has in fact never attended any of the Plenary, Committee or Working Group Meetings."

He felt that this text included the viewpoints of both Mr. McDonald and Mr. Searle but possibly not that of Mr. Creighton.

4.16 Mr. Plakias (U.S. Territories) considered that all the facts of the case, such as the request to participate, the registration of the Representative his receipt of documents etc. should be made available to the Administrative Council.

4.17 Mr. Lalung-Bonnaire (French Oversea Territories) replied that his proposal was simply offered as a basis of discussion and could be altered as necessary.

4.18 Mr. Searle (New Zealand) suggested that if the following wording was added to Point b) of the proposed recommendation (see para N° 4.15) it would satisfy the desire of Mr. Plakias:

"b) I.A.T.A., although registered in the Region 3 Conference as observer at its own request, in fact never attended any....."

4.19 In reply to a question by the Chairman, Mr. Creighton (U.K. Colonies) stated that none of the modifications or suggested recommendations were acceptable. He felt that the circumstances were peculiar and that he was not in a position to make up his mind on the question.

4.20 The Chairman felt that it could be added that it was the "consensus of opinion" and not the "unanimous" opinion on the subject.

4.21 Mr. Creighton (U.K. Colonies) agreed with the wording "consensus of opinion".

4.22 Mr. Searle (New Zealand) said that if necessary he was willing to state a definite opinion on the subject. He pointed out that the airlines of New Zealand had not gained anything from the fact that I.A.T.A. had registered at the Conference. The aspect of frequency allocations on air operations and aircraft radio equipment had not been discussed by the Conference. I.A.T.A. had neither assisted nor impeded the work of the Conference, which had been accomplished purely by the Administrations represented. In this particular case he did not feel that the N.Z. Airlines (for example) should be asked to contribute through the machinery of I.A.T.A.

4.23 After a further discussion between the Chairman, Mr. Searle, Mr. Plakias, Mr. Lalung-Bonnaire and Mr. Creighton, it was agreed that the letter in reply to the Secretary General should contain the following elements:

- 1) A complete statement of the pertinent facts.
- 2) A statement to the effect that it was the "consensus of opinion", but not the unanimous opinion of the Conference that it was "not opposed to" the exemption of I.A.T.A. because
 - a) it had not participated in the meetings of the Assembly, Committees of Working Groups, and
 - b) it had asked to withdraw from the Conference.

5. Item 5 of the Agenda: Requirements submitted after the closing date (see Document N° 161)

5.1 The Chairman drew the attention of the Assembly to the discussions

which had taken place in the Steering Committee (Document N° 167) and the decision which had been taken in relation to the requirements submitted by Australia (Document N° 167, para N° 2.3.) He pointed out that in addition, requests had been received from Nepal, S.C.A.P., and Afghanistan. He considered that it would be best for the Plenary Assembly to take a general decision on the question of all requirements submitted after the closing date.

- 5.2 Capt. Siddiqi (Pakistan) stated that he objected in principle to the inclusion in the draft frequency list of requirements submitted by countries after the closing date of 20th June, 1949, as fixed by the Administrative Radio Conference for Region 3. In the view of the Pakistan Delegation this constant flow of requirements after the closing date would create a vicious circle and only hamper the work of the Conference.

Any new requirements as such should be passed to the Secretary General to be considered at the Special Administrative Radio Conference scheduled to be held in September, 1950.

- 5.3 Mr. Cooke (U.S. Territories) pointed out that the words used in the Steering Committee (see Document N° 167) were not appropriate. He felt that there was no need for a reference to harmful interference because that was taken care of in the Regulations and moreover it was the basic principle of the Draft List that no requirements would cause harmful interference. He felt that it would be better to state that additional requirements would be added, provided there were no objections on the part of the other Delegations.

- 5.4 Mr. McDonald (Australia), in order to clarify the requirements submitted by Australia, stated that several of them were on frequencies shared with other Australian requirements and others were to replace those which had been deleted after June 27th in the general consolidation process. There was no increase in the total requirements for Australia.

- 5.5 Mr. Hussein (Afghanistan) said that the new requirements submitted by his country were for existing services and not for projected services.

- 5.6 Mr. Creighton (U.K. Colonies) stated that he fully supported the remarks made by Mr. Cooke that harmful interference was adequately dealt with by the Regulations. His Delegation was of the opinion that all requirements received up to the closing date of the Conference should be treated on an equal footing with all others; there should be no discrimination and all should have the same date.

- 5.7 Mr. Searle (New Zealand) was of the opinion that the Conference should avoid becoming a permanent body, by ceasing to consider new requirements after a certain date. He pointed out that this was a common and logical practice.

He suggested a Resolution to the following effect:

"Incorporation of any such frequency requirements must be agreed to by the Assembly, details should be entered on the cards used by Committee 5 and the cards should be entered in the system by 16.00 hours of 23rd September 1949. This date will be considered as the latest date for Consideration by the Administrative Radio Conference for Region 3. Requirements received after this date will be held for the consideration of the Special Administrative Conference of 1950."

He felt that any other procedure would definitely hamper the work of the Conference.

- 5.8 Mr. Prosser (Australia), in reply to a question by Mr. Lalung-Bonnaire said that of the additional requirements submitted by Australia, with the exception of ten, each requirement would be sharing with a frequency that appeared in the basic I.B.M. list and at present being considered by Committee 5. The ten that would not be sharing with a frequency already listed in Committee 5 were new frequencies and did not appear in the basic I.B.M. list.
- 5.9 Mr. Hussein (Afghanistan), in reply to a question by Mr. Lalung-Bonnaire stated that his Administration requested only one new frequency from the Region 3 Conference.
- 5.10 Mr. Lalung-Bonnaire (French Oversea Territories) recalled that the Assembly had been of the opinion that all requirements should be included in the list as long as they did not impede the work. Therefore he supported the opinion of Mr. Searle. However, he felt that Committee 5 could include new requirements up to the 24th of September, if loading allowed. After that time the list would be complete and no more requirements should be considered.
- 5.11 Mr. Flakias (U.S. Territories) stated that he supported the position of Mr. Lalung-Bonnaire and Mr. Searle.
- 5.12 In reply to a question by the Chairman, Capt. Siddiqi (Pakistan) said that he had no specific objections to the inclusion of the requirements of Australia and Afghanistan, but he objected in principle because he was of the opinion that all delegates would like to have the same privilege. He asked how many requirements had been presented by Nepal.
- 5.13 The Chairman replied that Nepal had 12 requirements, 1 frequency for each. There was 1 at 500 W, 7 at 100 W and 4 at 50 W. He pointed out that Nepal was a non-member independent sovereign state.
- 5.14 Mr. Cooke (U.S. Territories) stated that S.C.A.P. was asking for three additions, two of which were already assigned for Japan and would be shared, and one was new: 171.2 kc/s on 500 W.
- 5.15 In reply to a question by Mr. Searle, the Chairman said that it was indicated that there were no Tropical Broadcasting requirements involved in the Nepal requirements.
- 5.16 Mr. Creighton (U.K. Colonies) said that the consideration of late requirements would not indefinitely prolong the Conference providing it was stated that requirements would only be considered up to the date of the final approval of the List.
- 5.17 After a short discussion between the Chairman, Mr. Sundaram and Capt. Siddiqi, it was agreed:
- 1) that the following requirements would be considered: Australia (10), Afghanistan (1), S.C.A.P. (3) and Nepal (12); and
 - 2) that they would be treated on an equal footing with the others.

- 5.18 Mr. Lalung-Bonnaire (French Oversea Territories) was of the opinion that the Assembly should immediately decide that any additional new requirements should be registered and sent to the General Secretariat to be passed on to the Special Administrative Conference of 1950.
- Mr Searle (New Zealand) supported this suggestion.
- 5.19 Mr. Creighton (U.K. Colonies) asked that it be recorded that he was opposed to this manner of disposal of new requirements. In addition he felt that the Assembly was limiting the right of Administrations to submit new requirements to the Special Administrative Conference; in his opinion this was not permitted.
- 5.20 The Chairman agreed that the Assembly had no such right, but that the Conference had the right to set a certain date after which it could refuse to accept new requirements for inclusion in its own lists.
- 5.21 After a further discussion between the Chairman, Mr. Lalung-Bonnaire and Mr. Searle, it was decided that the Conference should not consider any other new requests and ~~that~~ any further requirements be sent to the General Secretariat to be transmitted to the Special Administrative Conference.
6. Item 6 of the Agenda: Verbal progress report from the Chairman of Committee 5
- 6.1 At the request of Mr. Lalung-Bonnaire (Chairman of Committee 5), Mr. Dobbyn (Vice-Chairman of Committee 5) made the first report. He said that there was little to add to what had been stated the day before in the well-attended meeting of the Coordination Committee. The 3 Mc/s boxes were finished and only the 3rd category cards, amounting to 2 boxes, remained. He recalled that the Committee had struck an obstacle in attempting to adhere to its original date for the completion of the boxes, because there had not been the full collaboration of all the Delegates. It had been anticipated that two days after the completion they could proceed with the preparation of the list in roneoed form; however, after the delays involved it had been decided to prepare the list in manuscript form which would be begun on Monday morning.
- 6.2 Mr. Lalung-Bonnaire (Chairman of Committee 5) said that some boxes still remained, because certain delegations had not devoted their entire effort to their work; therefore, they would begin to prepare the 3 Mc/s sheets while waiting for the slower delegations to finish their boxes. Four zones still remained to be studied but the boxes had stopped at the same zone. He asked the Delegates who had work to do in that zone to speed up their work in order to enable the other Delegates to continue.
- 6.3 The Chairman felt that the Delegates who were dealing with the zone in question would note the difficulty and accelerate their work. He also noted that the target date of the 20th of September had not been met because of the difficulties enumerated by Mr. Dobbyn and that the Committee had changed its procedure. He felt that better progress could be made in the next few days.
7. Item 7 of the Agenda: Acceptance of interim credentials for the Delegate of Ceylon.
- 7.1 At the request of the Chairman, the Secretary read out a telegram which informed the Conference that Mr. Jayasekara had been designated as the Delegate for Ceylon.

- 7.2 Mr. Creighton (U.K. Colonies) stated that a letter would arrive shortly formally releasing Mr. Jayasekara from the U.K. Colonies Delegation. He then congratulated Mr. Jayasekara on becoming the Delegate for Ceylon.

(Applause)

8. Item 8 of the Agenda: Any other business

- 8.1 Mr. Plakias (Chairman of the Special Working Group for considering the Form of the Final Acts of the Conference) stated that the work of the Special Group was progressing well. He said that the Chairman of Committee 2 Mr. Verboeket had suggested that the Plenary Assembly be asked whether it was agreeable for the Special Group to examine the Preamble and Final Formula of the Final Acts. He also reported that there were certain subjects which could form part of the Final Acts which related to technical matters and that the Group was of the opinion that the manner of ~~their~~ treatment and form, in addition to their placement in the Final Acts should be left to the Plenary Assembly. He then asked whether the Plenary Assembly approved of the Special Group considering the Preamble and Final Formula.

- 8.2 The Plenary Assembly then approved without comment the consideration of the Preamble and Final Formula by the Special Group.

- 8.3 Mr. Searle (New Zealand) stated that he was of the opinion that the Special Group should leave consideration of the technical basis of the plan to Committee 5. He felt that they should normally form a part of the Report of the Chairman of Committee 5. In addition, he said that a Working Group had been formed in Committee 5 to aid the Chairman in this matter.

- 8.4 Mr. Plakias (Chairman of the Special Working Group) stated that his group would submit its final report in the near future and that it would leave the problem of Technical Principles to Committee 5.

- 8.5 The above suggestions were approved without objection.

- 8.6 The Chairman drew the attention of the Assembly to the fact that the Draft Frequency Lists were not automatically sent to Administrations. Delegates desiring to send copies to their Administrations could obtain spare copies from the Secretary.

- 8.7 It was agreed that Room 4 would be placed at the disposal of the Secretariat on Friday and Saturday, and that Committee 5 would meet in Room B provided that no extra costs would be involved for Region 3.

- 8.8 Mr. Sundaram (India) suggested that a Committee be formed to consider the boundary areas in which the Region 1 plan coincided with the Region 3 plan.

- 8.9 Mr. Wang (I.F.R.B.) announced that he and Mr. Danilenko were charged by the P.F.B. with the coordination of the two plans.

- 8.10 In view of the difficulty of correlating the Region 3 plan with the provisional Region 1 plan, it was agreed that this work would be left to the competent representatives of the I.F.R.B.

The meeting was closed at 19.30 hours.

Rapporteur:

G.A. Coddling

Secretary:

A.K. Dobbie

Chairman:

S.S. Moorthy Rao

COMMITTEE 5

The following alphabetical index of the Provisional Frequency List concerns the Shared Bands 3157.5 - 3254 kc/s.

It was prepared in the same way as that annexed to Document No 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>						
AFGHANISTAN	3214						
AUSTRALIA	3160	3164	3168	3172	3176	3180	3184
	3190	3192	3196	3200	3204	3208	3212
	3223	3230	3232	3236	3240	3244	3248
BURMA	3160	3162.5	3192.5				
CHINA	3157.5	3160	3162.5	3165	3170	3172.5	
	3175	3177.5	3180	3182.5	3185	3187.5	
	3190	3195	3197.5	3202	3204	3205	
	3207.5	3209.5	3212.5	3215.5	3218	3220.5	
	3226	3230	3232	3235	3240	3241	
	3245	3248	3250	3253			
CEYLON	3187.5	3195	3232				
PORTUGUESE COLONIES							
Goa	3250						
UNITED KINGDOM COLONIES							
(North Borneo	3160	3165	3170	3180	3197.5	3236.5	
(Fiji Is.	3157.5	3172	3185				
(Hongkong	3167.5	3200					
(Malaya	3157.5	3162.5	3177.5	3190	3197.5	3241	
(Sarawak	3185						
(Rodrigues	3172.5						
(Cocos Is.	3209.5						
FRENCH OVERSEAS TERRITORIES							
(Indo-China	3160	3162.5	3165	3170	3172.5	3182.5	
	3185	3190	3192.5	3195	3200	3210	
	3214	3220.5	3223	3241			
(New Caledonia	3162.5	3175	3195				
(New Hebrides	3192.5						
(Fr. Oceania	3160	3165	3170	3172.5	3180	3190	
	3195	3223					
INDIA	3157.5	3158	3160	3161.25	3164	3165	
	3167.5	3170	3173.75	3175	3180	3182.5	
	3185	3187.5	3190	3192.5	3194	3195	
	3197.5	3202	3205	3207	3211	3212.25	
	3213.5	3214.75	3216	3217.5	3218.5	3221	
	3223	3226	3229	3230.25	3231.5	3232.75	
	3234	3235.25	3236.5	3237.75	3239	3242.75	
	3244	3245.25	3246.5	3247.75	3252.75	3254	

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
INDONESIA	3157.5 3195 3250	3165 3205	3170 3214	3172.5 3223	3180 3232	3185 3241
IRAN	3157.5 3218	3162.5 3226	3167.5 3232	3177.5 3247.5	3202 3253	3210
KOREA (Republic of)	3170 3235	3178.75 3253	3185	3187.5	3214	3229
NEW ZEALAND	3160 3210	3165 3215	3170 3232	3180 3240	3190 3245	3200 3250
PAKISTAN	3157.5 3170 3182.5 3195 3241	3160 3172.5 3184 3197.5 3250	3162.5 3175 3185 3200	3165 3177.5 3187.5 3209.5	3167.5 3178.75 3190 3217.5	3168.75 3180 3192.5 3218.5
PHILIPPINES (Republic of the)	3157.5 3184 3223	3165 3190 3230	3170 3195 3241	3172.5 3209.5	3175 3212.5	3180 3218
UNITED STATES TERRITORIES						
(Guam	3163.75	3168.75	3185	3240		
(Iwo Jima	3188.75	3210	3232	3245		
(Japan (U.S.A.)	3185 3247.5	3192.5	3200	3207.5	3220.5	3237.5
(Caroline Is.	3232	3250				
(Mariana Is.	3192.5	3232				
(Palmyra	3215.5					
(Phoenix	3229					
(Wake Is.	3185	3192.5	3197.5	3250		
(Marcus Is.	3232					
(Marshall Is.	3185	3192.5	3250			
(Philippines	3160	3185	3192.5	3215.5	3232	
(Ryukyu (U.S.A.)	3185	3192.5	3247.75			
(Japan (S.C.A.P.)	3157.5 3182.5 3226	3160 3190 3235	3167.5 3195 3242.5	3172.5 3212.5 3251.5	3176.25 3218	3180 3223

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 177-E
1 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 1st, 1949.

It concerns the Draft Frequency List " Band : 535 - 1605 kc/s Broadcasting" referred to in Document N° 152 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 177-F
1 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 1er octobre 1949, concernant le Projet de Liste des fréquences "Bande : 535 - 1605 kc/s, Service de Radiodiffusion" auquel se réfère le document N° 152 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	570	KUALA LUMPUR 102E-03N		500	BROADCAST.	A3 10 kc/s	0.50	0000-2400	MALAYA	B-GN 4
	580	BHAWALPUR 72E-29N		100	"	"	1.00	0100-1900	PAKISTAN	B-LD 2
2	650	PENANG 100E-05N		500	"	"	2.00	0000-2400	MALAYA	B-GN 6
	660	TRIVANDRUM 77E- 8N		80	"	"	5.00	0100-1900	INDIA	B-EV Z11
	680	DHARWAR 75E-15N		140	"	"	20.00	0100-1900	"	B-EV Z09
3	720	COIMBATORE 77E-11N		120	"	"	10.00	0100-1900	"	B-EV Z15
4	780	GAUHATI 91E-26N		140	"	"	20.00	0100-1900	"	B-EU Z21
11	1160	KUALA LUMPUR 102E-03N		500	"	"	10.00	0000-1400	MALAYA	B-GN 4
		KABUL			"	"	20.00	1300-1900	AFGHANISTAN	B-AC 3
13	1230	TAWAU 117E-06N		300	"	"	0.05	2300-1300	NORTH BORNEO	B-BL 16
		SANDAKAN 118E-06N		300	"	"	0.05	2300-1300	" "	B-BL 15
		LABUAN 115E-05N		300	"	"	0.05	2300-1300	" "	B-BL 14
		KUDAT 117E-07N		300	"	"	0.05	2300-1300	" "	B-BL 13
		JESSELTON 116E-06N		300	"	"	0.05	2300-1300	" "	B-BL 11

ADDITIONS

ADJONCTIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	580	COIMBATORE 77E-11N		120	BROADCAST	A3 10 kc/s	10.00	0100-1900	INDIA	B-EV Z15
2	660	KABUL			"	"	20.00	1300-1900	AFGHANISTAN	B-AC 3
		PENANG 100E-05N		500	"	"	2.00	0000-2400	MALAYA	B-GN 6 (*)
	680	TRIVANDRUM 77E- 8N		80	"	"	5.00	0100-1900	INDIA	B-EV Z11
3	700	KUALA LUMPUR 102E-03N		500	"	"	10.00	CONTIN.	MALAYA	B-GN 4 (*)
	720	GAUHATI 92E-26N		140	"	"	20.00	0100-1900	INDIA	B-EU Z21
4	780	DHARWAR 75E-15N		140	"	"	20.00	0100-1900	INDIA	B-EV Z09
5	820	TINNEVELLY		40	"	"	1.00	0100-1900	INDIA	B-EV Z27
7	930	TAWAU 117E-06N		300	"	"	0.05	2300-1300	NORTH BORNEO	B-BL 16 (*)
		SANDAKAN 118E-06N		300	"	"	0.05	2300-1300	" "	B-BL 15 (*)
		LABUAN 115E-05N		300	"	"	0.05	2300-1300	" "	B-BL 14 (*)
		KUDAT 117E-07N		300	"	"	0.05	2300-1300	" "	B-BL 13 (*)
		JESSELTON 116E-06N		300	"	"	0.05	2300-1300	" "	B-BL 11 (*)
11	1120	KUALA LUMPUR 102E-03N		500	"	"	10.00	CONTIN.	MALAYA	B-GN 4 (**)
	1160	BHAWALPUR 72E-29N		100	"	"	10.00	0100-1900	PAKISTAN	B-LD 2
(*) NOTE - The above are proposed alterations. It has not been possible to consult delegations concerned. Les modifications ci-dessus sont proposées. Il n'a pas été possible de consulter les délégations intéressées.										
(**) - Provided B-HY Z15 PHILIPPINES can be moved from 1120 to 1160. A condition que le B-HY Z15 PHILIPPINES puisse être transféré de 1120 à 1160.										

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
1	540	8	B-GN 4	10.00	0.50
	610	4a	B-BX 5	PAOTOU	PAOTOW
3	720	4a	B-BW 8	MUKDEN	SHENYANG
	750	8	B-LD 10	1.00	1.00 (*)
	790	8	B-LD 7	1.00	10.00
5	830	B	B-BY 30	B-BY 30	B-BX 30
6	870	8	B-LD 17	1.00	1.00 (*)
	880	4a	B-BW 35	MUKDEN	SHENYANG
9	1010	8	B-LD 15	5.00	5.00 (*)
	1020	4a	B-BW 59	TAIPEI	TAIPEH
	1030	8	B-LD 1	1.00	1.00 (*)
	1040	8	B-LD 3	1.00	1.00 (*)
10	1080	8	B-LC 1	5.00	5.00 (*)
	1090	8	B-LD 8	5.00	5.00 (*)
	1100	8	B-LC 4	1.00	1.00 (*)
11	1150	8 & B	B-LC 18	1.00 B-LC 18	1.00 (*) B-LD 18
(*) NOTE - Power may subsequently be raised to 10 kW. La puissance pourra ultérieurement être portée à 10 kW.					

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
12	1170	8	B-LC 2	5.00	5.00 (*)
	1210	8	B-LD 4	5.00	5.00 (*)
14	1260	4a	B-BY 89	KUNNING	KUNMING
	1270	4a & 8	B-LD 9	LYALLPUR 74E-32N 1.00	LYALLPUR 74E-32N 10.00
	1280	4a	B-BW 91	HANGCHO 120E-30N	HANCHOW 120E-30N
15	1340	8	B-LD 22	1.00	10.00
16	1410	8	B-LC 3	1.00	1.00 (*)
17	1420	B	B-BW 104	B-BW 104	B-BY 104
	1430	8	B-LD 16	1.00	1.00 (*)
	1470	4a	B-BX 108	SION 109E-34N	SIAN 109E-34N
(*) NOTE - Power may subsequently be raised to 10 kW. La puissance pourra ultérieurement être portée à 10 kW.					

COMMITTEE 5

This document contains the amendments submitted by various Delegations, up to October 1st, 1949.

It concerns the Draft Frequency List "Exclusive Maritime Mobile Bands 415 - 490 kc/s; 2065 - 2100 kc/s" referred to in Document No 157 (Alphabetical Index).

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 1er octobre 1949, concernant le Projet de Liste des fréquences "Bandes exclusives mobiles maritimes 415 - 490 kc/s 2065 - 2100 kc/s" auquel se réfère le document No 152 (Indes alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	416	NUKUALOFA 175W-21N		600	MOB.MAR.	A1 A2	0.10	CONTIN.	TONGA IS.	C-JT 33
2	430	HONGKONG 114E-22N		200	" "	A1 A2	0.50	"	HONGKONG	C-FZ 171
4	448	ROTUMA 177E-12S		500	" "	A1 A2	0.10	2100-0400	FIJI Is.	C-DG 614
		<u>ADDITIONS</u>					<u>ADJONCTIONS</u>			
1	418	NUKUALOFA 175W-21N		600	MOB.MAR,	A1 A2	0.10	CONTIN.	TONGA IS.	C-JT 33 (*)
4	446	ROTUMA 177E-12S		500	" "	A1 A2	0.10	2100-0400	FIJI IS.	C-DG 614 (*)
		HONGKONG 114E-22N		200	" "	A1 A2	0.50	CONTIN.	HONGKONG	C-FZ 171 (*)

(*) NOTE - The above are proposed alterations. It has not been possible to consult delegations concerned.
Les modifications ci-dessus sont proposées. Il n'a pas été possible de consulter les délégations intéressées.

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
2	430	B	C-BY Z16A	C-BY Z16A	C-BY Z16A
3	432	B	C-BW 214	C-BW 214	C-BW 215
6	460	4a	C-BW 50	TAINAM	TAINAN
8	486	B	C-BW Z14	C-BW Z14	C-BW 214
	485	A	C-AT Z99	AUSTRALIA	NORFOLK IS.

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document No 179-E
1 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 1st, 1949.

It concerns the Draft Frequency List "Shared Bands 200 - 415 kc/s and 510 - 535 kc/s" referred to in Document No 164 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document No 179-F
1 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 1er octobre 1949, concernant le Projet de Liste des fréquences "Bandes partagées 200 - 415 kc/s et 510 - 535 kc/s" auquel se réfère le document No 164 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
3	235	SELETAR 104E-01N		750	R.NAV.AER.	A1 A2	10.00	CONTIN.	MALAYA	D-GN 24
7	290	SOHANA		150	MOB.AER.	A2 A3	0.50	"	SOLOMON IS.	A-IN 1
	285	TONGA 29E-05S		150	" "	A2 A3	0.50	"	TONGA IS.	A-JT 4
12	327	JESSELTON 116E-06N			R.NAV.AER.	A1	0.25	"	NORTH BORNEO	D-BL 3
17	372	KUCHING 110E-02N		100	MOB.AER.	A1	0.30	INTERM.	SARAWAK	A-IS 1
22	522.5	SUVA 178E-18S		500	MOB.MAR.	A1 A2 A3	0.50	CONTIN.	FIJI IS.	C-DG 615
		<u>ADDITIONS</u>						<u>ADJONCTIONS</u>		
3	245	SELETAR 104E-01N		750	R.NAV.AER.	A1 A2	10.00	CONTIN.	MALAYA	D-GN 24 (*)
5	270	SOHANA		150	MOB.AER.	A2 A3	0.50	"	SOLOMON IS.	A-IN 1 (**)
6	275	TONGA 175W-21S		150	" "	A2 A3	0.50	"	TONGA IS.	A-JT 4 (**)
11	325	JESSELTON 116E-06N			R.NAV.AER.	A1	0.25	"	NORTH BORNEO	D-BL 3 (**)
17	378	KUCHING 110E-02N		100	MOB.AER.	A1	0.30	INTERM.	SARAWAK	A-IS 1 (**)
22	535	SUVA 178E-18S		500	MOB.MAR.	A1 A2 A3	0.50	CONTIN.	FIJI IS.	C-DG 615 (**)
	522.5	SOHANA		200	MOB.TER.	A1 A2 A3	0.10	INTERM.	SOLOMON IS.	L-IN 501 (**)

(*) Provided D-EX 3 (INDONESIA) can be moved to 235. - A condition que D-EX (INDONESIE) puisse être transféré à 235.

(**) NOTE - The above are proposed alterations. It has not been possible to consult delegations concerned.

Les modifications ci-dessus sont proposées. Il n'a pas été possible de consulter les délégations intéressées.

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit number N° du circuit	Instead of : Au lieu de :	Read : Lire :
1	208	4a	D-DG 8	NANDI	NADI

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 1st, 1949.

It concerns the Draft Frequency List "Shared Band 150 - 160 kc/s; Exclusive Fixed Band 160 - 200 kc/s" referred to in Document No 165 (Alphabetical Index).

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 1er octobre 1949, concernant le Projet de Liste des fréquences "Bande partagée 150 - 160 kc/s; Bande exclusive fixe 160 - 200 kc/s" auquel se réfère le document No 165 (Index alphabétique).

- 2 -
(Reg.3-180-E&F)

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circ.N° N° du circ.	Instead of : Au lieu de :	Read : Lire :
2	165	4a & 4b	F-BL 183M	SADAKAN SADAKAN	SANDAKAN SANDAKAN

(47)

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 181-E
3 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 3rd, 1949.

It concerns the Draft Frequency List "Band 535 kc/s - 1605 kc/s Broadcasting" referred to in Document N° 152 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 181-F
3 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 3 octobre 1949, concernant le Projet de Liste des fréquences "Bande 535 - 1605 kc/s, Service de Radiodiffusion" auquel se réfère le document N° 152 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
1	610	NIIGATA 140E-38N		500	BROADCAST	A3 10 kc/s	10.00	2000-1400	JAPAN	B-FN 22
2	630	ABASHIRI 144E-44N		500	"	"	10.00	2000-1400	JAPAN	B-FN 121
3	720	AKITA 140E-40N		50	"	"	0.50	2000-1400	JAPAN	B-FN 11
		KOKURA 131E-34N		50	"	"	0.50	2000-1400	JAPAN	B-FN 12
5	840	TOTTORI 134E-35N		40	"	"	0.50	2000-1400	JAPAN	B-FN 38
8	980	TOKUSHIMA 135E-34N		40	"	"	0.50	2000-1400	JAPAN	B-FN 40
9	1010	MORIOKA 141E-40N		500	"	"	10.00	2000-1400	JAPAN	B-FN 124
	1050	KAGOSHIMA 131E-33N		500	"	"	10.00	2000-1400	JAPAN	B-FN 59
11	1130	KUMAMOTO 131E-32N		500	"	"	10.00	2000-1400	JAPAN	B-FN 47
13	1250	MATSUE 133E-35N		500	"	"	10.00	2000-1400	JAPAN	B-FN 53
14	1260	MAIZURU		10	"	"	0.05	2000-1400	JAPAN	B-FN 85
		SENDAI 141E-38N		10	"	"	0.05	2000-1400	JAPAN	B-FN 84
		IIDA		10	"	"	0.05	2000-1400	JAPAN	B-FN 83
		UWAJIMA 133E-33N		10	"	"	0.05	2000-1400	JAPAN	B-FN 103
	1290	SHINGU		10	"	"	0.05	2000-1400	JAPAN	B-FN 94
		NAKAMURA 133E-33N		10	"	"	0.05	2000-1400	JAPAN	B-FN 74
15	1330	JULIUNDER 75E-31N		140	"	"	0.25	0100-1900	INDIA	B-EU 263
17	1470	HIROSAKI		25	"	"	0.30	2000-1400	JAPAN	B-FN 95

ADDITIONS

ADJONCTIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
3	720	NIIGATA 140E-38N		500	BROADCAST	A3 10 kc/s	10.00	2000-1400	JAPAN	B-FN 22
4	760	ABASHIRI 144E-44N		500	"	"	10.00	2000-1400	"	B-FN 121
8	980	TOTTORI 134E-35N		40	"	"	0.50	2000-1400	"	B-FN 38
9	1010	MATSUE 133E-35N		500	"	"	10.00	2000-1400	"	B-FN 53
	1050	KUMAMOTO 131E-33N		500	"	"	10.00	2000-1400	"	B-FN 47
11	1130	KAGOSHIMA 131E-32N		500	"	"	10.00	2000-1400	"	B-FN 59
13	1240	NAKAMURA 133E-33N		10	"	"	0.05	2000-1400	"	B-FN 74
		SHINGU 136E-34N		10	"	"	0.05	2000-1400	"	B-FN 94
	1250	MORIOKA 141E-40N		500	"	"	10.00	2000-1400	"	B-FN 124
14	1260	TOKUSHIMA 135E-34N		40	"	"	0.50	2000-1400	"	B-FN 40
	1290	AKITA 140E-40N		50	"	"	0.50	2000-1400	"	B-FN 11
		KOKURA 131E-34N		50	"	"	0.50	2000-1400	"	B-FN 12
15	1340	HIROSAKI 140E-40N		25	"	"	0.30	2000-1400	"	B-FN 95
16	1380	IIDA 138E-35N		10	"	"	0.05	2000-1400	"	B-FN 83
		SENDAI 130E-32N		10	"	"	0.05	2000-1400	"	B-FN 84
		MAIZURU 135E-35N		10	"	"	0.05	2000-1400	"	B-FN 85
		UWAJIMA 133E-33N		10	"	"	0.05	2000-1400	"	B-FN 103

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
1	560	4a	B-EV 203	DIBRUGARN 95E-27N	DIBRUGARH 95E-27N
5	810	8	B-EU 223	1.50	100.00
15	1330	8	B-EU 262	1.00	20.00
18	1560	8	B-EV 85	1.00	20.00
	1570	8	B-EV 274	1.00	20.00
	1580	8	B-EU 266	1.00	20.00
	1600	8	B-EV 73	1.00	20.00

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N°182-E
3 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 3rd, 1949.

It concerns the Draft Frequency List "Shared Bands 200 - 415 kc/s and 510 - 535 kc/s" referred to in Document N° 164 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 182-F
3 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 3 octobre 1949, concernant le Projet de Liste des fréquences "Bandes partagées 200 - 415 kc/s et 510 - 535 kc/s" auquel se réfère le document 164 (Index alphabétique).

AMENDMENTS

CORRECTIONS

Page Page	Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
4	248	4a	D-HM 11	INVERCARGIL 168E-46S	INVERCARGILL 168E-46S

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 183-E
3 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 3rd, 1949.

It concerns the Draft Frequency List "Shared Band 150 - 160 kc/s; Exclusive Fixed Band 160 - 200 kc/s" referred to in Document N° 165 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 183-E
3 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 3 octobre 1949, concernant le Projet de Liste des fréquences "Bande partagée 150 - 160 kc/s; Bande exclusive fixe 160 - 200 kc/s" auquel se réfère le document N° 165 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c						
1	151	CEYLON		7500	MOB.MAR.	A1	10.00	CONTIN.	CEYLON	C-BT 137
		<u>ADDITIONS</u>				<u>ADJONCTIONS</u>				
1	150	CEYLON		7500	MOB.MAR.	A1	10.00	CONTIN.	CEYLON	C-BT 137

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 184-E
3 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 3rd, 1949.

It concerns the Draft Frequency List "Exclusive Maritime Mobile Bands 415 - 490 kc/s; 2065 - 2100 kc/s" referred to in Document N° 157 (Alphabetical Index).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 184-F
3 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 3 octobre 1949, concernant le Projet de Liste des fréquences "Bandes exclusives mobiles maritimes 415 - 490 kc/s; 2065 - 2100 kc/s" auquel se réfère le document N° 157 (Index alphabétique).

DELETIONS

SUPPRESSIONS

Page	1	4a	4b	4c	5	6	8	10	A	B
6	460	MADRAS 80E-13N		800	MOB.MAR.	A1 A2	2.50	0000-2400	INDIA	C-EU 843
7	472	CALCUTTA 88E-23N		800	" "	A1 A2	2.50	0000-2400	INDIA	C-EU 842
	476	BOMBAY 73E-19N		800	" "	A1 A2	2.50	0000-2400	INDIA	C-EV 841
		<u>ADDITIONS</u>						<u>ADJONCTIONS</u>		
5	454	MADRAS 80E-13N		800	MOB.MAR.	A1 A2	2.50	0000-2400	INDIA	C-EV 843
7	470	CALCUTTA 88E-23N		800	" "	A1 A2	2.50	0000-2400	INDIA	C-EU 842
	480	BOMBAY 73E-19N		800	" "	A1 A2	2.50	0000-2400	INDIA	C-EV 841

Administrative Radio Conference
for Region 3
GENEVA, 1949

Region 3 - Document No 185-E
4 October, 1949

COMMITTEE 5

The following alphabetical index of the Provisional Frequency List concerns the Shared Bands 1606.25 - 2300 kc/s.

It was prepared in the same way as that annexed to Document No 152,

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
AFGHANISTAN	2145	2190	2200	2300		
AUSTRALIA	1610	1620	1630	1640	1660	1665
	1670	1675	1680	1690	1700	1710
	1720	1725	1730	1735	1740	1750
	1760	1770	1775	1780	1850	1870
	1940	1948	1956	1964	1972	1981
	1984	1988	1996	2000	2004	2008
	2012	2016	2020	2024	2028	2036
	2040	2044	2048	2052	2056	2063.75
	2108	2112	2116	2120	2124	2130
	2136	2140	2144	2150	2152	2155
	2156	2160	2164	2166	2168	2175
	2180	2192	2196	2200	2203.75	2204
	2208	2210	2216	2220	2224	2228
	2232	2236	2240	2244	2248	2252
	2256	2260	2264	2272	2276	2280
	2284	2288	2292	2296	2300	
(New Guinea)	1780	1785	1790	1948	1956	1964
	1972	1984	1996	2004	2012	2016
	2024	2028				
BURMA	1930	1957.5	200 7.5	2035	2047.5	
CEYLON	1981	2140	2196	2250	2251	2261
	2271	2285				
CHINA	1610	1622.5	1630	1640	1650	1680
	1685	1695	1740	1910	2000	2110
	2115	2122.5	2147.5	2167.5	2200	2210
	2217.5	2227.5	2232.5	2237.5	2247.5	2250
	2255	2265	2267.5	2270	2272.5	2275
	2280	2285	2290	2292.5	2295	2297.5
	2300					
UNITED KINGDOM COLONIES						
(Fiji Is.	2120	2255	2296.25			
(Hongkong	1981	2165	2196	2251	2261	2271
(Malaya	1981	2135	2196	2200	2251	2261
	2271					
(Tonga Is.	2150					
FRENCH OVERSEA TERRITORIES						
(Indo-China	1680	1775	1815	2205	2215	2300
(N. Caledonia	1690	1815	2185			
(N. Hebrides	1755					

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
INDIA	1625	1640	1957.5	1990	1995	1997.5
	2000	2005	2010	2015	2017.5	2020
	2022.5	2025	2027.5	2030	2035	2040
	2045	2047.5	2050	2052.5	2055	2057.5
	2060	2062.5	2107.5	2110	2115	2117.5
	2120	2125	2127.5	2132.5	2135	2140
	2142.5	2145	2147.5	2150	2155	2157.5
	2160	2162.5	2163.75	2165	2166.25	2167.5
	2168	2170	2172.5	2173.75	2175	2177.5
	2180	2185	2187.5	2190	2192.5	2195
	2200	2202.5	2203.75	2205	2207.5	2210
	2212.5	2215	2217.5	2220	2221.25	2222.5
	2225	2230	2235	2237.5	2240	2242.5
	2245	2247.5	2250	2255	2257.5	2260
	2262.5	2265	2268.75	2270	2272.5	2275
	2277.5	2280	2281.25	2282.5	2285	2287.5
	2290	2292.5	2295			
IRAN	2000					
KOREA (Republic of)	1615	1625	1630	1635	1645	1655
	1660	1665	1670	1682.5	1690	1695
	1700	1710	1720	1725	1730	1740
	1745	1750	1770	1780	1907.5	1920
	1930	2005	2015	2025	2035	2040
	2045	2050	2107.5	2115	2127.5	2132.5
	2137.5	2145	2157.5	2165	2220	2230
	2270	2290				
NEW ZEALAND	1635	1670	1680	1690	1695	1700
	1705	1710	1715	1720	1795	1800
	1820	1840	2012	2020	2025	2030
	2035	2040	2045	2050	2055	2060
	2110	2120	2125	2150	2162	2180
	2195	2196	2200	2210	2220	2230
	2260	2270	2280	2300		
(Cook Is.	2162					
(Samoa Is.	2240					
PAKISTAN	1610	1615	1650	1672.5	1725	1985
	2002.5	2005	2007.5	2010	2012.5	2015
	2022.5	2025	2027.5	2030	2032.5	2035
	2037.5	2040	2042.5	2045	2047.5	2050
	2052.5	2055	2057.5	2060	2063.75	2107.5
	2112.5	2115	2117.5	2120	2122.5	2125
	2127.5	2130	2135	2137.5	2140	2145
	2147.5	2150	2152.5	2155	2157.5	2160
	2162.5	2165	2168	2175	2179	2180
	2185	2187.5	2195	2197.5	2200	2202.5
	2205	2207.5	2210	2212.5	2215	2217.5
	2225	2227.5	2230	2232.5	2235	2237.5
	2242.5	2245	2247.5	2248.75	2250	2252
	2252.5	2255	2257.5	2260	2262.5	2264
	2265	2267.5	2268.75	2270	2275	2277.5
	2280	2282.5	2285	2287.5	2290	2292.5
	2295	2297.5	2298.75	2300		

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
PHILIPPINES (Republic of the)	1635	1881.25	1886.25	2038.75	2051.25	2056.25
	2106.25	2111.5	2115		2120	2125
	2140	2150	2160	2163.75	2170	2176.25
	2220	2245	2246.25	2260	2265	2275
	2296.25	2300				
UNITED STATES TERRITORIES						
(Guam	2280					
(Japan (U.S.A.)	1675	2025	2050	2112.5	2125	2225
	2245					
(Mariana Is.	1850					
(Palmyra Is.	1640					
(Phoenix Is.	1640					
(Marshall Is.	1950	2240				
(Philippines	1745	1950	2240			
(Ryukyu (U.S.A.)		1710	1760	1790	1850	2010
	2130	2135	2162.5	2195		
(Japan (SCAP)	1610	1620	1660	1670	1690	1697.5
	1705	1715	1725	1735	1747.5	1755
	1765	1775	1785	1795	1900	1915
	1925	1935	1965	1970	1975	1980
	1985	1990	1995	2000	2007.5	2012.5
	2020	2030	2037.5	2042.5	2047.5	2055
	2060	2120	2130	2140	2150	2155
	2160	2170	2182	2205	2215	2235
	2250	2260	2265	2275	2295	2300
(Ryukyu (SCAP)	2142.5	2202.5	2222.5	2277.5		

COMMITTEE 5

The following alphabetical index of the Draft Frequency List concerns the Frequencies in derogation, Band 160 - 1000 kc/s.

It was prepared in the same way as that annexed to Document No 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>							
AUSTRALIA	160	165	170	180	185	190	435	476
CHINA	205	215	220	230	235	323	345	355
	357	363	365	375	385	388	390	395
UNITED KINGDOM COLONIES								
Solomon Is.	420							
NEW ZEALAND								
Cook Is.	483	670	1000					
Samoa Is.	483	1000						
PAKISTAN	210	230	253	431.65				

COMMISSION 5

L'index alphabétique ci après du Projet de Liste des fréquences se rapporte aux fréquences en dérogation, bande de 160 à 1000 kc/s.

Il a été établi de la même manière que celui annexé au document 152.

<u>Pays</u>	<u>Fréquence assignée en kc/s</u>							
AUSTRALIE	160	165	170	180	185	190	435	476
CHINE	205	215	220	230	235	323	345	355
	357	363	365	375	385	388	390	395
COLONIES DU ROYAUME-UNI								
Iles Salomon	420							
NOUVELLE ZELANDE								
Ile de Cook	483	670	1000					
Iles Samoa	483	1000						
PAKISTAN	210	230	253	431.65				

for Region 3
GENEVA, 1949

Note : This document contains the corrigenda to the minutes of the 4th Plenary Assembly (document No 103), 5th Plenary Assembly (document No 120) and the 6th Plenary Assembly (document No 130).

Annex I - Corrigenda to the Minutes of the 4th Plenary Assembly (document No 103).

Annex II - Corrigenda to the Minutes of the 5th Plenary Assembly (document No 120).

Annex III - Corrigenda to the Minutes of the 6th Plenary Assembly (document No 130).

Annex I

Corrigenda to the Minutes of the 4th Plenary Assembly (document No 103)

1. Page 4. para No. 2.3.1., penultimate line - replace the words "there was no justification for the preparation of "by"it would be impracticable for this Conference to engineer".
2. para No. 2.3.3., in the sub-para beginning "The consensus of opinion ...", 7th line - replace "concerned" by "might concern".
3. para No. 2.3.3., in the sub-para beginning "The consensus of opinion...", 8th line - replace the word "probably" by "comparably".
4. penultimate line - add the letters "F.I.A.R." after the words "Region 2".
5. last line - the words "to his knowledge" should be inserted, between commas, after the word "not".
6. Page 5 the first line should be deleted up to the full stop, and replaced by "that the United States had not submitted any proposal on the subject to the Region 2 F.I.A.R. Conference".
7. para No. 3.2., under the title "French Overseas Territories", replace 400 kW by 400 W.
8. Page 6 para No. 4.2., lines 3 and 4 - change to read "The Chairman emphasised the shortness of the time and that it would be desirable to take decisions without awaiting information from the Board, ..."
9. para No 5.3., the first line should read "A letter was read out from the Chairman...".

Annex II

Corrigenda to the Minutes of the 5th Plenary Assembly (document No 120)

1. Page 2. para No. 1.6., line 5 - delete the name of Mr. Verboeket.
2. Page 3. para No. 2.4.1., sub-para no. 2, line 1 - delete the word "Democratic".
3. para No. 2.4.1., sub-para no. 2, line 4 - change to read "In other words, the territory of the Republic of Korea covered the whole of Korea."
4. para No. 2.4.1., delete the last paragraph on page 3 and on the top of page 4 and substitute the following :

"It appeared clear from the references in these official United Nations documents, said Mr. Plakias (US Territories) that the United Nations considered that there was only one lawful government in Korea. Since many of the governments represented at the Region 3 Conference were members of the United Nations, he suggested that no official recognition be given to the list of requirements submitted by the Popular Democratic Republic of Korea."
5. Page 4. para No. 2.4.2., line 1 - instead of "resumed" read "presumed".
6. para No. 2.4.4., line 3 - between the words "set up" and "within" insert the words "to examine questions".
7. para No. 2.4.2., line 5 - after the words "UN Temporary Commission", replace the words "was established" with the phrase "was able to carry on its functions".
8. para No. 2.4.2., line 6 - delete "(the Republic's territory)".
9. para No. 2.4.2., penultimate line - replace "the territory" by "Korea" and delete the remainder of the paragraph.
10. para No. 2.4.6., second part - delete the present text and replace with the following :

"Mr. Plakias (US Territories) replying to Mr. Mirza's first point, said that unfortunately he was unable to give a complete answer on the question of veto in the United Nations in general, although he understood that this privilege was exercisable in the United Nations Security Council."
11. Page 5, para No. 2.4.11., line 5, after the word "Republic" insert "of Korea".
12. para No. 2.4.11., line 6, after the words "which were", delete the balance of the sentence and insert "in many instances uncertain".

13. Page 5, para No. 2.4.11., delete the second sub-paragraph: "Referring to Mr. Sundaram's of Spain to the Union." and substitute the following:

"Referring to Mr. Sundaram's statements, he indicated that in his opinion the cases of Korea and Spain were not similar. Spain had an internationally recognised status, and Additional Protocol III of Atlantic City provided for the re-entry of Spain into the Union when certain conditions were fulfilled. No such parallels existed in the case of the Popular Democratic Republic of Korea".

14. Page 6, para No. 2.4.12., lines 2 - 5 delete " and to this extent Republic of Korea " and insert the following :

"and that up to the present Spain had thus shown that she respected the Atlantic City decisions, or at any rate it might be assumed that she intended doing so. However the frequency requirements of the Popular Democratic Republic of Korea "

15. para No. 2.4.13., delete the second sub-paragraph : "The requirements submitted by requirements submitted by the Republic." and substitute the following :

"The requirements submitted by the Popular Democratic Republic were not acknowledged to be valid by the Republic of Korea and note only should be taken of them. He suggested that if, in fact, some requirements had been shown in the area for which the Republic of Korea had submitted requirements, the Republic should be asked to indicate whether they wished to include them in their requirements or not".

16. Page 7, para No. 2.4.22., line 3 - delete "taken into account" and substitute "shown in the final Frequency List of Region 3."

17. Page 8, para No. 2.4.23., lines 1 and 2 - delete the words "the purpose of his motion was to give" and replace with "he believed his motion would allow".

18. Page 8, para No. 2.4.23., - delete the last three lines and replace by "... of the United Nations Resolution and therefore there appeared to be no reason why this Conference could not take action similar to that of the UN."

19. para No. 2.4.25., line 3 - replace the word "requested" by the phrase "stated that he preferred".

20. Page 9, para No. 2.4.30., 4th line - delete the word "body" and insert the word "authority".

21. para No. 2.4.30., - the last sentence "The organisation should be accepted", to be amended as follows. -

"The international organisation which was most competent in such political questions, and to which many governments represented at the Conference belonged, was the United Nations, and the decisions of that authority should be accepted."

22. Page 10, para No 2.4.37., delete lines 5 and 6 and insert the following :

"Considering the existence of two different lists for the Korean Peninsular submitted for examination by the Administrative Radio Conference for Region 3."

23. para No. 2.4.38., delete first three lines of the text beginning "In response to" up to and including "the conference". Commence paragraph with "The Chairman"

24. Page 11, para No. 2.4.45., line 4 of Resolution, substitute "inclusion in" for "establishing".

25. para No. 2.4.45., last line of Resolution, delete the words "to all services."

26. para No. 2.4.48., line 2, after "Mr. Dobbyn", insert "it would be preferable if", and after "the Assembly", change the word "should" to "would".

27. para No. 2.4.48., line 3, following the words "motions or", delete the word "should".

28. para No. 2.4.48., point 2, change to read as follows :

"A composite motion, such as suggested by Mr. Dobbyn, which would also settle the practical aspects of the question."

29. Page 12, para No. 2.4.49., line 7 - insert the words "other list would be" between "The" and "scrutinised".

30. para No. 2.4.51., line 6, alter the sentence beginning, "He pointed out that" to read as follows :

"He inquired of Mr. Dobbyn whether in suggesting that all available information be taken into account, he was enunciating a general principle to be applied to the entire list. This was confirmed by Mr. Dobbyn."

31. Page 14, para No. 2.4.61., lines 3 and 4, delete "and Mr. Plakias" and change the word "they" to "he". Then add the following sentence :

"Mr. Plakias felt that if the Secretariat would follow the same pattern as in previous plenary minutes, the situation would be adequately treated."

Annex III

Corrigenda to the Minutes of the 6th Plenary Session (document No 130)

1. Page 2, para No. 2.3. - change the last word on page 2, "the", to read "this particular".
2. Page 3, para No. 3.4. - The paragraph should read as follows :

"Mr. Plakias (US Territories) suggested that the work be accelerated in the Working Groups, and that committee meetings and Plenary Assemblies be reduced to a minimum so that a first draft plan might be ready by August 15".
3. Page 4, para No. 3.8., third paragraph, line 3 - change the word "necessity" to "desirability".
4. para No. 3.8., third paragraph - delete the last sentence of this paragraph.
5. para No. 3.9., line 3 - delete the last word, "that".
6. para No. 3.9., line 4 - after "September 1st" delete "be fixed".
7. Page 6, para No. 4.7., - delete the last paragraph and substitute :

"Further, the U.K. Colonies Delegation's understanding of the intention underlying the inclusion by the P.F.B. of the regional plan within the draft list to be submitted to the Special Administrative Conference was that this was to be a mere formality, the plan having already been agreed and signed by the Administrations directly interested.

There is a distinct possibility that the Special Administrative Conference at present scheduled to open on the 17th October, 1949, will have to be postponed since the P.F.B. will not have completed the plans which it is preparing for its own frequency bands by that time. If there is to be an indefinite delay in the calling of this Conference, no reason is seen why there should be a corresponding indefinite delay in implementing any decisions which this Region 3 Conference may reach.

The U.K. Colonies Delegation is anxious to see the Regional frequency allocation table implemented as soon as possible and feels that the possibility of implementing the Regional plans in advance of the calling of the Administrative Conference must exist. If this possibility is to exist the Conference must reach firm decisions, agree on a reasonable date of implementation and have an agreement drawn up and embodied in the Final Acts of the Conference which must be formally signed by the delegates of their respective countries."
8. para No. 4.8., last sentence - the last sentence should read as follows :

"In view of the likelihood of discrepancies between the various lists, it would be difficult to put them into operation separately."
9. para No. 4.11., - change the words "plenipotentiary powers" to read "full powers to sign."

10. Page 7. para No. 4.12. - delete the last paragraph and replace by :

"He supported the viewpoint of the Delegate of New Zealand that an agreed list should be signed by all Delegates, and added that the provisions of the list could not be changed except by the concurrence (and the signature) of all the Region 3 countries concerned."

11. Page 7. para No. 4.16. - delete the existing paragraph and replace by the following:

"Mr. Lalung-Bonnaire (French Overseas Territories) observed that plenipotentiary powers were not needed for the signing of Administrative Conference documents. Signing with plenipotentiary powers applied to plenipotentiary matters. It was difficult to say whether the delegates to the present Conference were in need of plenipotentiary powers, as no plenipotentiary powers had been asked for at the Administrative Radio Conference at Atlantic City, of which that for Region 3 was a result. Points 9 and 10 of Part VII of the report of the Preparatory Committee of the Region 3 Conference were drafted with the view that the final draft list for Region 3 would be submitted to the P.F.B. and then to the Special Administrative Conference. He agreed, however, that certain parts of the list could be put into effect immediately but warned that this should be done with caution because chaos, threatening the safety of human life, would result, if the different lists in their entirety, were put into effect separately in the boundary zones between regions and particularly in the aeronautical service.

12. Pages 7 & 8, para No. 4.17. - substitute the following text for this paragraph :

"Mr. Plakias (US Territories) stated that the form and substance of the final documents were important considerations and therefore he would like to reserve his comments until such information was available."

13. Page 8. para No. 4.20. - delete the entire paragraph and renumber the remaining paragraphs accordingly.

Administrative Radio Conference
for Region 3
GENEVA, 1949

Region 3 - Document N° 188-E
5 October, 1949

COMMITTEE 5

The following alphabetical index of the Provisional Frequency list concerns the Shared Bands 3254.5 - 3397.5 kc/s.

It was prepared in the same way as that annexed to Document N° 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>						
AFGHANISTAN	3250						
AUSTRALIA	3256	3260	3268	3276	3286	3294	3300
	3304	3315	3323		3328	3332	3336
	3340	3344	3348		3350	3352	3356
	3365	3373	3376		3388	3393	3396
(N. Guinea	3385						
BURMA	3286	3342					
CEYLON	3370	3385	3394				
CHINA	3255	3257	3259	3260	3262	3264	
	3268	3270	3271	3274	3277	3280	
	3287.5	3289	3290	3294	3295	3299	
	3300	3305	3307.5	3310	3312.5	3315	
	3317.5	3320	3322.5	3325	3327.5	3330	
	3332	3336	3337.5	3340	3342.5	3344	
	3345	3347.5	3350	3355	3357.5	3360	
	3362.5	3365	3367.5	3372.5	3375	3377.5	
	3380	3382.5	3385	3387.5	3390	3392.5	
	3395	3395	3396				
PORTUGUESE COLONIES							
(Macau	3335	3259					
(Timor	3268						
UNITED KINGDOM COLONIES							
(N. Borneo	3268	3286	3310	3360	3385		
(Fiji Is.	3310						
(Hongkong	3274	3370	3394				
(Malaya	3259	3272.5	3300	3310	3320	3335	
	3380	3394					
(Solomon Is.	3305						
(Sarawak	3330	3350	3370	3380	3390		
FRENCH OVERSEA TERRITORIES							
(Indo-China	3259	3271	3277	3295	3330	3350	
	3360	3365	3380	3382.5	3390		
(New Caledonia	3355						
(New Hebrides	3277						
(Oceania	3390						

- 2 -
(Reg. 3-188-E)

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
INDIA	3257.75	3260	3260.25	3261.5	3264	3265.25
	3268	3269	3272.5	3277	3277.75	3283.5
	3284.25	3287.75	3290	3295	3300	3305
	3309	3313	3315	3318	3322	3326
	3330	3334	3338	3342	3345	3347
	3352	3355	3356	3360	3365	3370
	3375	3380	3384	3390	3396	
INDONESIA	3259	3268	3277	3286	3295	3305
	3315	3325	3335	3345	3355	3365
	3375	3385	3395			
IRAN	3264	3268	3286	3290	3302	3325
	3327.5	3345	3347.5	3377.5	3385	3387.5
KOREA (Republic of)	3262	3286	3292	3315	3327.5	3335
	3370	3377.5	3382.5			
NEW ZEALAND	3255	3260	3265	3270	3275	3290
	3295	3300	3305	3310	3320	3325
	3330	3340	3355	3360	3365	3370
	3375	3380	3385	3390	3395	
PAKISTAN	3254.5	3259	3286	3290	3300	3310
	3320	3325	3330	3335	3340	3347
	3360	3370	3380	3385	3390	3393
	3395	3396				
PHILIPPINES (Republic of the)	3254.5	3257	3264	3274	3277	3280
	3286	3290	3292	3299	3300	3305
	3325	3330	3340	3345	3357.5	3365
	3373	3376	3377.5	3385	3395	
UNITED STATES TERRITORIES						
(Guam)	3292	3312.5	3370			
(Iwo Jima)	3286	3350				
(Japan (U.S.A.))	3274	3299	3305	3320	3322.5	3330
	3335	3337.5	3342.5	3360	3367.5	3387.5
(Palmyra Is.)	3280					
(Phoenix Is.)	3262					
(Philippines)	3265	3271	3382.5			
(Japan (SCAP))	3259	3264	3278.5	3283	3302	3307.5
	3317.5	3332.5	3340	3347.5	3352.5	3357.5
	3365	3372.5	3377.5	3396	3397.5	
(Ryukyu (SCAP))	3268	3297	3397.5			

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 189-E
5 October, 1949.

COMMITTEE 5

This document cancels documents Nos. 169, 170, 171, 172, 177, 178, 179, 180, 181, 182, 183, 184.

It contains all the amendments submitted by Delegations to the following Draft Frequency Lists :

Shared Band 150 - 160 kc/s
Exclusive Fixed Band - 160 - 200 kc/s
Shared Bands 200 - 215 kc/s and 510 - 535 kc/s
Exclusive Maritime Mobile Bands 415 - 490 kc/s; 2065 - 2100 kc/s
Band 535 - 1605 kc/s Broadcasting

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 189-F
5 octobre 1949

COMMISSION 5

Le présent document annule les documents Nos. 169, 170, 171, 172, 177, 178, 179, 180, 181, 182, 183 et 184.

Il contient les amendements soumis par les délégations, concernant les Projets de liste des fréquences suivants :

Bande partagée 150 - 160 kc/s
Bande exclusive fixe 160 - 200 kc/s
Bandes partagées 200 - 215 kc/s et 510 - 535 kc/s
Bandes exclusives mobiles maritimes 415 - 490 kc/s ; 2065 - 2100 kc/s
Bande 535 - 1605 kc/s , Service de Radiodiffusion

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
153	CEYLON		7500	MOB.MAR.	A1	10.00	CONTIN.	CEYLON	C.BT.137
154	DIAMOND ISLAND		100	MOB.MAR.	A1 A2 A3	0.06	INTERM.	BURMA	C.BJ. 1
158	DIAMOND ISLAND		100	MOB.MAR.	A1 A2 A3	0.06	INTERM.	"	C.BJ. 1
210	NEW PLYMOUTH 174E - 39S			R.NAV.AER.	A2 A3	0.50	CONTIN.	NEW ZEALAND	D.HM. 1
250	CHENG TU 104E - 31N		500	R.NAV.AER.	A1	1.00	CONTIN.	CHINA	A.BY.192
252	HANGCHOW 120E - 30N		500	MOB.AER.	A1	1.00	CONTIN.	"	A.BW.183
268	GORAKHPUR 83E - 27N		400	R.NAV.AER.	A1	0.30	CONTIN.	INDIA	D.EU. 5J
285	TONGA 29E - 05S		150	MOB.AER.	A2 A3	0.50	CONTIN.	TONGA IS.	A.JT. 4
290	SOHANA		150	MOB.AER.	A2 A3	0.50	CONTIN.	SOLOMON IS.	A.IN. 1
298	KESHOD		400	R.NAV.AER.	A1	0.30	CONTIN.	INDIA	D.EU. 5EE
316	SHANGHAI	PACIFIC AREA	1000	R.NAV.AER.	A1	1.00	CONTIN.	CHINA	A.CB. 8A
325	BRISBANE 153E - 27S		400	MOB.AER.	A1 A2 A3	0.50	CONTIN.	AUSTRALIA	A.AT. 77Q
327	DILI 126E - 09S		200	MOB.AER.	A1 A2 A3	0.10	CONTIN.	TIMOR PORT.	A.JR.Z04
	OCUSSI 126E - 09S		200	MOB.AER.	A1 A2 A3	0.10	CONTIN.	" "	A.JR.Z06
	JESSELTON 116E - 06N			R.NAV.AER.	A1	0.25	CONTIN.	NORTH BORNEO	D.BL. 3
342.5	SHANGHAI	PACIFIC AREA	1000	MOB.AER.	A3	1.00	CONTIN.	CHINA	A.CB. 9B
350	SHANGHAI	PACIFIC AREA	1000	MOB.AER.	A3	1.00	CONTIN.	"	A.CB. 9C
354	ALLAHABAD 82E - 25N		400	R.NAV.AER.	A1	0.30	CONTIN.	INDIA	D.EU. 3K
364	BHAMO 97E - 23N		400	R.NAV.AER.	A1	0.30	CONTIN.	BURMA	D.BJ. 10

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
366	SHANGHAI	PACIFIC AREA	1000	R.NAV.AER.	A1	1.00	CONTIN.	CHINA	A.CB. 8C
372	KUCHING 110E-02N NAGPUR 79E-21N	PACIFIC AREA PACIFIC AREA	100 400	MOB.AER. R.NAV.AER.	A1 A1	0.30 0.30	INTERM. CONTIN.	SARAWAK INDIA	A.IS. 1 D.EU. 5JJ
380	SHANGHAI	PACIFIC AREA	1000	R.NAV.AER.	A1	1.00	CONTIN.	CHINA	A.CB. 8B
397	SHANGHAI	PACIFIC AREA	1000	MOB.MAR.	A3	1.00	CONTIN.	"	A.CB. 9A
406	SHANGHAI	PACIFIC AREA	1000	MOB.AER.	A3	1.00	CONTIN.	"	A.CB. 9D
416	NUKUALOFA 175W 21S		600	MOB.MAR.	A1 A2	0.10	CONTIN.	TONGA IS.	C.JT. 33
422	SHANGHAI	PACIFIC AREA	800	MOB.MAR.	A1 F1	1.00		CHINA	C.CB. 3
430	MANILA 121E 15N KAGOSHIMA 131E 32N HONGKONG 114E 22N		1000 500 200	MOB.MAR. MOB.MAR. MOB.MAR.	A1 A2 A1 A2	0.35 0.50 0.50		PHILIPPINES JAPAN HONGKONG	C.HY. 40 C.FN. 216 C.FZ. 171
438	ZAMBOANGA 122E 7N		1000	MOB.MAR.	A1	0.35	CONTIN.	PHILIPPINES	C.HY. 37
448	ROTUMA 177E 12S		500	MOB.MAR.	A1 A2	0.10	2100-0400	FIJI IS.	C.DG. 614
450	SHANGHAI	PACIFIC AREA	800	MOB.MAR.	A1 F1	1.00	CONTIN.	CHINA	C.CB. 6
460	MADRAS 80E 13N		800	MOB.MAR.	A1 A2	2.50	CONTIN.	INDIA	C.EU. 843
472	CALCUTTA 88E 23N		800	MOB.MAR.	A1 A2	2.50	CONTIN.	"	C.EU. 842
474	SHANGHAI GUAM	PACIFIC AREA PACIFIC AREA	800 800	MOB.MAR. MOB.MAR.	A1 F1 A1 F1	1.00 0.50	CONTIN. CONTIN.	CHINA MARIANA IS.	C.CN. 9 C.FU. 12
476	MAKASSER RADIO BOMBAY 73E-19N		1500 800	MOB.MAR. MOB.MAR.	A1 A1 A2	3.00 2.50	CONTIN. CONTIN.	INDONESIA INDIA	C.EX. 6 C.EV. 841
522.5	SUVA 178E-18S		500	MOB.MAR.	A1 A2 A3	0.50	CONTIN.	FIJI IS.	C.DG. 615

DELETIONS

- 4 -
(Reg.3-189-F&E)

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
535	PUSAN 129E-35N KANGNEUNG 129E-35N	KOREA KOREA		MOB.AER. MOB.AER.	A1 A2 A1 A2	0.25 0.25	2300-0900 2300-0900	KOREA "	A.KZ.Z04 A.KZ.Z07
570	KUALA LUMPUR 102E-03N		500	BROADCAST.	A3	0.50	0000-2400	MALAYA	B.GN. 4
580	BHAWALPUR 72E-29N		100	"	A3	1.00	0100-1900	PAKISTAN	B.LD. 2
600	JAMSHEDPUR 86E-22N		140	"	"	20.00	0100-1900	INDIA	B.EU. Z12
610	NIGATA 140E-38N		500	"	"	10.00	2000-1400	JAPAN	B.FN. 22
620	JAMSHEDPUR 86E-22N INDORE 76E-23N		140 120	" "	" "	20.00 10.00	0100-1900 0100-1900	INDIA "	B.EU.Z12 B.EU.Z04
630	ABASHIRI 144E-44N		500	"	"	10.00	2000-1400	JAPAN	B.FN.121
650	AJMER 75E-26N PENANG 100E-05N		140 500	" "	" "	20.00 2.00	0100-1900 CONTIN.	INDIA MALAYA	B.EU.Z08 B.GN. 6
690	DELHI 77E-29N		240	"	"	100.00	0100-1900	INDIA	B.EU.Z13
710	MULTAN 72E-30N		400	"	"	5.00	0100-1900	PAKISTAN	B.LD.11
720	AKITA 140E-40N KOKURA 131E-34N		50 50	" "	" "	0.50 0.50	2000-1400 2000-1400	JAPAN "	B-FN.11 B-FN.12
760	MACAU 114E-22N			"	"	2.00	0500-1600	MACAU	B-GK Z01
800	TINNEVELLY		40	"	"	1.00	0100-1900	INDIA	B-EV Z27
820	POONA 74E-19N		140	"	"	20.00	0100-1900	"	B-EV Z18
840	TOTTORI 134E-35N		40	"	"	0.50	2000-1400	JAPAN	B-FN 38
980	TOKUSHIMA 135E-34N		40	"	"	0.50	2000-1400	"	B-FN 40
1010	MORIOKA 141E-40N		500	"	"	10.00	2000-1400	"	B-FN 124

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
1050	KAGOSHIMA 131E-33N JAFFNA 80E-09N		500 80	BROADCAST. "	A3 "	10.00 0.50	2000-1400 0200-1800	JAPAN CEYLON	B-FN 59 B-BT 3
1130	KUMAMOTO 131E-32N		500	"	"	10.00	2000-1400	JAPAN	B-FN 47
1230	TAWAU 117E-06N SANDAKAM 118E-06N LABUAN 115E-05N KUDAT 117E-07N JESSELTON 116E-06N		300 300 300 300 300	" " " " "	" " " " "	0.05 0.05 0.05 0.05 0.05	2300-1300 2300-1300 2300-1300 2300-1300 2300-1300	NORTH BORNEO " " " "	B-BL 16 B-BL 15 B-BL 14 B-BL 13 B-BL 11
1250	MATSUE 133E-35N		500	"	"	10.00	2000-1400	JAPAN	B-FN 53
1260	MAIZURU SENDAI 141E-38N IIDA UWAJIMA 133E-33N		10 10 10 10	" " " "	" " " "	0.05 0.05 0.05 0.05	2000-1400 2000-1400 2000-1400 2000-1400	" " " "	B-FN 85 B-FN 84 B-FN 83 B-FN 103
1290	SHINGU NAKAMURA 133E-33N		10 10	" "	" "	0.05 0.05	2000-1400 2000-1400	" "	B-FN 94 B-FN 74
1310	KANDY 81E-07N		80	"	"	0.50	0200-1800	CEYLON	B-BT 3
1330	JULLUNDER 75E-31N		140	"	"	0.25	0100-1900	INDIA	B-EU 263
1470	HIROSAKI		25	"	"	0.30	2000-1400	JAPAN	B-FN 95
1500	RAWALPINDI 74E-34N		100	"	A3 10kc/s	1.00	0100-1900	PAKISTAN	B-LD 14
1510	DARBHANGA		120	"	" "	10.00	0100-1900	INDIA	B-EV 222

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
150	CEYLON		7500	MOB. AER.	A1	10.000	CONTIN.	CEYLON	C-BT 137
152	JAPAN (SHIP)	COASTAL AREA		MOB. MAR.	A2	1.00	CONTIN.	JAPAN	C-FN 203
155	DIAMOND ISLAND		100	MOB. MAR.	A1 A2 A3	0.06	INTERM.	BURMA	C.BJ.1
157	DIAMOND ISLAND		100	MOB. MAR.	A1 A2 A3	0.06	INTERM.	BURMA	C.BJ.1
171.25	KURE SHIOGAMA MOJI SASEBO MAIZURU TOKYO IZUHARA SAKAI KOCHI KAGOSHIMA KOBE	KOBE KAGOSHIMA KOCHI SAKAI IZUHARA TOKYO MAIZURU SASEBO MOJI SHIOGAMA KURE							
				FIXE(D)	A1	0.50	CONTIN.	JAPAN	F-FN 70N
212	NADZAB, NEW GUINEA			R. NAV. AER.	A1 A2 A3	1.00	CONTIN.	AUSTRALIA	D-HT 201
223	DJIRING		100	R. NAV. AER.	A1	0.10	CONTIN.	INDOCHINE FR.	D-EZ 62
248	TAMWORTH, N.S.W.			R. NAV. AER.	A1 A2 A3	1.00	CONTIN.	AUSTRALIA	D-AT 201
250	HANGCHOW 120E-30N		500	MOB. AER.	A1	1.00	CONTIN.	CHINA	A-BW 183
252	CHENG TU 104E-31N		500	R. NAV. AER.	A1	1.00	CONTIN.	CHINA	A-BY 192
269	SYDNEY			R. NAV. AER.	A1 A2	0.01	INTERM.	AUSTRALIA	D-AT 202
270	SOHANA		150	MOB. AER.	A2 A3	0.50	CONTIN.	SOLOMON IS.	A-IN 1
275	TONGA 175W-21S		150	MOB. AER.	A2 A3	0.50	CONTIN.	TONGA IS.	A-JT 4
276	RABAT			R. NAV. AER.	A1 A2	0.50	CONTIN.	AUSTRALIA	D-HT 202
	HANOI		100	R. NAV. AER.	A1	0.10	CONTIN.	INDOCHINE FR.	D-EZ 53

ADDITIONS

ADJONCTIONS

L	4a	4b	4c	5	6	8	10	A	B
278	GORAKHPUR 83E - 27N	COASTAL AREA	400	R.NAV.AER.	A1	0.30	CONTIN.	INDIA	D.EU.5J
282	KESHOD		400	R.NAV.AER.	A1	0.30	CONTIN.	"	D.EU.5EE
292	MELBOURNE			R.NAV.AER.	A1 A2	0.01	INTERM.	AUSTRALIA	D.AT.Z03
295	MELBOURNE			R.NAV.AER.	A1 A2	0.01	INTERM.	"	D.AT.Z04
296	NARROMINE			R.NAV.AER.	A1 A2	0.30	CONTIN.	"	D.AT.Z05
300	MATSUMAE 140E - 41N MESHIMA 128E - 32N		300	R.NAV.MAR. MOB.MAR.	A2 A2	0.50 0.50	CONTIN. CONTIN.	JAPAN "	C.FN 53 C.FN 752
310	SYDNEY			R.NAV.AER.	A1 A2	0.01	INTERM.	AUSTRALIA	D.AT.Z06
314	INDOCHINE		200	R.NAV.AER.	A1 A2	0.50	CONTIN.	INDOCHINE FR.	D.EZ. 67
325	JESSELTON 116E - 06N			R.NAV.AER.	A1	0.25	CONTIN.	NORTH BORNEO	D.BL. 3
328	ALLAHABAD 82E - 25N		400	R.NAV.AER.	A1	0.30	CONTIN.	INDIA	D.EU. 3K
355	DILI 126E - 09S OCUSSI 126E - 09S	COASTAL AREA	200 200	MOB.AER. MOB.AER.	A1 A2 A3 A1 A2 A3	0.10 0.10	CONTIN. CONTIN.	TIMOR PORT. "	A.JR.Z04 A.JR.Z06
378	KUCHING 110E - 02N		100	MOB.AER.	A1	0.30	INTERM.	SARAWAK	A.IS. 1
388	BHAMO 97E - 23N		400	R.NAV.AER.	A1 A2	0.30	CONTIN.	BURMA	D.BJ. 10
398	NAGPUR 79E - 21N		400	R.NAV.AER.	A1	0.30	CONTIN.	INDIA	D.EU. 5J
410	MESHIMA 128E - 32N			MOB.MAR.	A2	0.50	CONTIN.	JAPAN	C.FN.Z52
418	NUKUALOFA 175W - 21N		600	MOB.MAR.	A1 A2	0.10	CONTIN.	TONGA IS.	C.JT. 33
430	ZAMBOANGA 122E - 7N GUAM		1000 800	MOB.MAR. MOB.MAR.	A1 A1 F1	0.35 0.50	CONTIN. CONTIN.	PHILIPPINES MARIANA IS.	C.HY. 37 C.FU. 12
		PACIFIC AREA							

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
438	MANILA 12E - 15N		1000	MOB.MAR.	A1	0.35	CONTIN.	PHILIPPINES	C.HY. 40
446	ROTUMA 177E - 12S HONGKONG 114E - 22N		500 200	MOB.MAR. MOB.MAR.	A1 A2 A1 A2	0.10 0.50	2100-0400 CONTIN.	FIJI IS. HONGKONG	C.DG.614 C.PZ.171
454	MADRAS 80E - 13N		800	MOB.MAR.	A1 A2	2.50	CONTIN.	INDIA	C.EV.843
465	MAKASSER RADIO		1500	MOB.MAR.	A1	3.00	CONTIN.	INDONESIA	C.EX. 6
470	CALCUTTA 88E - 23N		800	MOB.MAR.	A1 A2	2.50	CONTIN.	INDIA	C.EU.842
472	IZUHARA 129E - 34N SAKAI 133E - 35N KOCHI 133E - 33N SHIOGAMA 141E - 38N MOJI 131E - 34N		800 800 800 800 800	MOB.MAR. MOB.MAR. MOB.MAR. MOB.MAR. MOB.MAR.	A2 A2 A2 A2 A2	1.00 1.00 1.00 1.00 1.00	CONTIN. CONTIN. CONTIN. CONTIN. CONTIN.	JAPAN " " " "	C.FN. 24A C.FN. 24B C.FN. 24C C.FN. 24D C.FN. 24E
478	KAGOSHIMA 131E - 32N		500	MOB.MAR.	A2	0.50	CONTIN.	JAPAN	C.FN.216
480	BOMBAY 73E - 19N		800	MOB.MAR.	A1 A2	2.50	CONTIN.	INDIA	C.EV.841
520	PUSAN 129E - 35N KANGNEUNG 129E - 35N	KOREA KOREA		MOB.AER. MOB.AER.	A1 A2 A1 A2	0.25 0.25	2300-0900 2300-0900	KOREA "	A.KZ.204 A.KZ.207
522.5	SOHANA		200	MOB.TER.	A1 A2 A3	0.10	INTERM.	SOLOMON IS.	L.IN.501
525	GARDEN ISLAND (SYDNEY)			MOB.MAR.	A1	0.01	INTERM.	AUSTRALIA	C.AT.204
535	SUVA 178E - 18S		500	MOB.MAR.	A1 A2 A3	0.50	CONTIN.	FIJI IS.	C.DG.615
580	COIMBATORE 77E - 11E		120	BROADCAST.	A3	10.00	0100-1900	INDIA	B.EV.215
600	AJMER 75E - 26N		140	BROADCAST.	A3	20.00	0100-1900	"	B.EU.208
620	JAMSHEDPUR 86E - 22N		140	BROADCAST.	A3	10.00	0100-1900	"	B.EU.212

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
650	INDORE 76E - 23N		120	BROADCAST.	A3	10.00	0100-1900	INDIA	B.EU.Z04
660	KABUL PENANG 100E - 05N		500	BROADCAST. BROADCAST.	A3 A3	20.00 2.00	1300-1900 CONTIN.	AFGHANISTAN MALAYA	B.AC. 3 B.GN. 6
680	TRIVANDRUM 77E - 8N		80	BROADCAST.	A3	5.00	0100-1900	INDIA	B.EV.Z11
690	MULTAN 72E - 30N KUALA LUMPUR 102E -03N		400 500	BROADCAST. BROADCAST.	A3 A3	10.00 10.00	0100-1900 CONTIN.	PAKISTAN MALAYA	B.LD. 11 B.GN. 4
700	KUALA LUMPUR 102E -03N		500	BROADCAST.	A3	10.00	CONTIN.	MALAYA	B.GN. 4
710	DELHI 77E - 29N		240	BROADCAST.	A3	100.00	0100-1900	INDIA	B.EU.Z03
720	GAUHATI 92E - 26N NIIGATA 140E - 38N		140 500	BROADCAST. BROADCAST.	A3 A3	20.00 10.00	0100-1900 2000-1400	" JAPAN	B.EU.Z21 B.FN. 22
760	ABASHIRI 144E - 44N		500	BROADCAST.	A3	10.00	2000-1400	"	B.FN.121
780	DHARWAR 75E - 15N MACAU 114E - 22N		140	BROADCAST. BROADCAST.	A3 A3	20.00 2.00	0100-1900 0500-1600	INDIA MACAU	B.EV.Z09 B.GK.Z01
800	POONA 74E - 19N		140	BROADCAST.	A3	20.00	0100-1900	INDIA	B.EV.Z18
820	TINNEVELLY		40	BROADCAST.	A3	1.00	0100-1900	"	B.EV.Z27
930	TAWAU 117E - 06N SANDAKAN 118E - 06N LABUAN 115E - 05N KUDAT 117E - 07N JESSELTON 116E - 06N		300 300 300 300 300	BROADCAST. BROADCAST. BROADCAST. BROADCAST. BROADCAST.	A3 A3 A3 A3 A3	0.05 0.05 0.05 0.05 0.05	2300-1300 2300-1300 2300-1300 2300-1300 2300-1300	NORTH BORNEO " " " "	B.BL. 16 B.BL. 15 B.BL. 14 B.BL. 13 B.BL. 11
980	TOTTORI 134E - 35N		40	BROADCAST.	A3	0.50	2000-1400	JAPAN	B.FN. 38
1010	MATSUE 133E - 35N		500	BROADCAST.	A3	10.00	2000-1400	JAPAN	B.FN. 53

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
1030	JAFFNA 80E - 09N		80	BROADCAST.	A3	0.50	0200-1800	CEYLON	B.BT. 3
1050	KUMAMOTO 131E - 33N		500	BROADCAST.	A3	10.00	2000-1400	JAPAN	B.FN. 47
1130	KAGOSHIMA 131E - 32N		500	BROADCAST.	A3	10.00	2000-1400	"	B.FN. 49
1160	BHAWALPUR 72E - 29N		100	BROADCAST.	A3	10.00	0100-1900	PAKISTAN	B.LD. 2*
1240	NAKAMURA 133E - 33N		10	BROADCAST.	A3	0.05	2000-1400	JAPAN	B.FN. 74
	SHINGU 136E - 34N		10	BROADCAST.	A3	0.05	2000-1400	"	B.FN. 94
1250	MORIOKA 141E - 40N		500	BROADCAST.	A3	10.00	2000-1400	"	B.FN.124
1260	TOKUSHIMA 135E - 34N		40	BROADCAST.	A3	0.50	2000-1400	"	B.FN. 40
1290	AKITA 140E - 40N		50	BROADCAST.	A3	0.50	2000-1400	"	B.FN. 11
	KOKURA 131E - 34N		50	BROADCAST.	A3	0.50	2000-1400	"	B.FN. 12
1330	KANDY 81E - 07N		80	BROADCAST.	A3	0.50	0200-1800	CEYLON	B.BT. 2
1340	HIROSAKI 140E - 40N		25	BROADCAST.	A3	0.30	2000-1400	"	B.FN. 95
1380	IIDA 138E - 35N		10	BROADCAST.	A3	0.05	2000-1400	"	B.FN. 83
	SENDAI 130E - 32N		10	BROADCAST.	A3	0.05	2000-1400	"	B.FN. 84
	MAIZURU 135E - 35N		10	BROADCAST.	A3	0.05	2000-1400	"	B.FN. 85
	UWAJIMA 133E - 33N		10	BROADCAST.	A3	0.05	2000-1400	"	B.FN.103
1500	DARBHANGA		120	BROADCAST.	A3	10.00	0100-1900	INDIA	B.EU.Z22
1510	RAWALPINDI 74E - 34N		100	BROADCAST.	A3	1.00	0100-1900	PAKISTAN	B.LD. 14

AMENDMENTS

CORRECTIONS

Assigned Frequency Fréquence assignée	Column Colonne	Circuit number N° du circuit	Instead of : Au lieu de :	Read : Lire :
165	4a & 4b	F-BL 183 N	SADAKAN SADAKAN	SANDAKAN SANDAKAN
200	4a	D-AT 30	WILTON, N.A.	WILTON, N.S.W.
	4a	D-AT 57	Oakey, QID.	Oakey, QID.
206	4a	D-HM 1	NEW PLYMOUTH	NEW PLYMOUTH 174E-39S
208	4a	D-AS 1	ADELAIDE 138E-35S	PARAFIELD 138E-35S
	4a	D-DG 8	NANDI	NADI
212	4a	D-AS 60	PERTH, W.A. 116E-31S	PEARCE, W.A. 116E-32S
216	4a	D-AS 36	GRIFFITHS	GRIFFITH
220	4c	A-AT 95B		2400
224	4a	D-AS 4	ALICE 134E-24S	ALICE SPRINGS 134E-24S
225	B	D-FL 13	D-FL 13	D-FZ 13
228	B	D-AT 18	D-AT 18	D-AT 8
232	B	C-AS 75	C-AS 75	D-AS 75
244	4a	D-AT 43	LAUNCESTON 148E-41S	WESTERN JUNCTION 148E-41S
248	4a	D-HM 11	INVERCARGIL	INVERCARGILL
	5	D-HM 11	MOB.AER.	R.NAV.AER.
259	A & B	D-FN 1	JAPAN D-FN 1	SOLOMON IS. D-IN 1
260	4a	D-AS 61	PORT MEDLAND 118E-20S	PORT HEDLAND 118E-20S
272	4a	D-AS 67	TENNANTS CREEK 134E-20S	TENNANT CREEK 134E-20S
280	6	A-AT 96A-B-C A-AS 90A-B		A1 A3 A1 A3
289	4c & 5	D-AT 78	R.NAV.AER.	160 R.NAV.MAR
	4a	D-AT 81	MARINE BEACON	COAST AUSTRALIA
300	B	C-FN 53	C-FN 53	C-FN 52
315	1	D-HM 30	315	314
325	4a	A-AS 83M	TENNANTS CREEK 134E-20S	TENNANT CREEK 134E-20S
	B	A-AS 83M	A-AS 83M	A-AS 83H
	4a	A-AS 86H	PORT HEADLAND 118E-20S	PORT HEDLAND 118E-20S
	4a	A-AS 86J	DARBY	DERBY
342.5	4a	A-KT 13B	SANGLEY	SANGLEY POINT
352	6	D-FM 35		A2 A3
368	4a	D-AT 66	SYDNEY 151E-34S	MASCOT 151E-34S
384	4c & 8	D-HN 1	350 0.30	800 1.00
393	4c & 8	D-HN 2	350 0.30	350 1.00
404	4a	D-AT 88	RICHMOND, N.A.	RICHMOND

AMENDMENTS

CORRECTIONS

Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
410	10	C-HT 48	2100 - 0130	2100 - 0730
416	A	C-BJ 1	BIRMA	BURMA
430	8	C-AT 20	0.50	2.00
	B	C-BY Z16A	C-BY Z16A	C- Y 216A
432	B	C-BW 214	C-BW 214	C-BW 215
435	A	C-HT X99	NEW GUINEA, T	NEW GUINEA
	B	C-HT X99	C-HT X99	C-HT Y99
440	B	C-HT 48	NEW GUINEA, T	NEW GUINEA
460	4a& A	C-BW 50	TAINAM JAPAN	TAINAN CHINA
464	4b	C-AS Z36		COASTAL AREA
485	A	C-AT Z99	AUSTRALIA	NORFOLK IS.
486	B	C-BW Z14	C-BW Z14	C-BW 214
530	4a	A-AT Z01	AUSTRALIA	AUSTRALIA & NEW GUINEA
540	8	B-GN 4	10.00	0.50
570	4a	B-FN 3	SAPPORO 141E-43N	SAPPORO (*) 141E-43N
	10	B-HM 1	1800-1400	1800-1100
600	4a	B-KZ 6	CHESCO	CHEJOO
610	4a	B-BX 5	PAOTOU	PAOTOW
640	A	B-BT 5	CEYLAN	CEYLON
650	10	B-HM 2	0400-1000	0400-1100
710	8	B-HY Z05	5.00	10.00
720	4a	B-BW 8	MUKDEN	SHENYANG
	10	B-HM 4	1900 - 1000	1900 -1100
750	8	B-LD 10	1.00	10.00
790	8	B-LD 7	1.00	10.00
810	4a	B-AT 27A	DUBRO, NSW	DUBBO, N.S.W.

(*) NOTE : The effective power of the Japanese broadcasting station JOIK, Sapporo, Japan, corresponding to circuit N° BFN 3 on 570 kc/s shall not exceed 10 kW in the direction of New Zealand.
La puissance effective de la station de radiodiffusion JOIK, Sapporo, Japon, correspondant au circuit N° BFN 3 sur 570 kc/s ne doit pas dépasser 10 kW dans la direction de la Nouvelle Zélande.

AMENDMENTS

CORRECTIONS

Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of : Au lieu de :	Read : Lire :
820	4a	B-AT 28B	NEWCASTLE, N.	NEWCASTLE, N.S.W.
830	B	B-BY 30	B-BY 30	B-BX 30
850	4a	B-AT 31	CANBERRA, Act.	CANBERRA, A.C.T.
860	10	B-HM 8	1900 - 1000	1900 - 1100
870	8	B-LD 17	1.00	10.00
880	4a	B-EW 35	MUKDEN	SHENYANG
	10	B-HM 9	1800 - 1100	1700 - 1100
890	4c & 8	B-EU 228	120 20.00	240 100.00
900	10	B-HM 10	0400 - 1000	0400 - 1100
920	10	B-HM 11	1900 - 1000	1900 - 1100
940	10	B-HM 12	1900 - 1000	1800 - 1000
950	A	B-BJ 5	BIRMA	BURMA
960	10	B-HM 13	0400 - 1000	0400 - 1100
980	A	B-EU 236		INDIA
1390	B	B-KM 31	B-KM 31	B-HM 31
1410	8	B-LC 3	1.00	10.00
1420	8	B-BW 104	B-BW 104	B-BY 104
1430	8	B-LD 16	1.00	10.00
1460	4a & B	B-KM 36	ASKBURTON B-KM 36	ASHBURTON B-HM 36
1470	4a	B-BX 108	SION 109E-34N	SIAN 109E-34N
1480	B	B-HM 47	B-HM 47	B-HM 37
1510	4a	B-AT 97	KEWCASTLE, NSW.	NEWCASTLE, N.S.W.
2065	A	C-BJ 1	BIRMA	BURMA
2085	10	C-AS 2		0000-2400
2091	4a	C-FN 209	JAPAN	JAPAN (SHIP)
2100	4b	C-AT 234		COASTAL AREA

Please consider this page as being inserted between frequencies 980 and 1390 (page 13).

Veuillez considérer cette page comme un supplément à insérer entre les fréquences de 980 et 1390 kc/s (page 13).

AMENDMENTS

CORRECTIONS

Assigned Frequency Fréquence assignée	Column Colonne	Circuit Number N° du circuit	Instead of: Au lieu de :	Read : Lire :
1010	8	B-LD 13	5.00	10.00
1020	4a	B-BW 59	TAIPEI	TAIPEH
1030	8	B-LD 1	1.00	10.00
1050	4a	B-AT 51	CANBERRA, A.	CANBERRA, A.C.T.
	8	B-LD 3	1.00	10.00
1060	B	B-NY Z16	B-NY Z16	B-HY Z16
1080	8	B-LC 1	5.00	10.00
1090	8	B-LD 8	5.00	10.00
1100	8	B-LC 4	1.00	10.00
1140	B	B-DY Z17	B-DY Z17	B-HY Z17
1150	8 & B	B-LC 18	1.00 B-LC 18	10.00 B-LD 18
1160	10	B-HM 22	1900 - 1000	0600 - 1100
1170	8	B-LC 2	5.00	10.00
1210	8	B-LD 4	5.00	10.00
1230	4a	B-AT 69	NEWCASTLE, N.	NEWCASTLE, N.S.W.
1260	4a	B-BY 89	KUNNING	KUNMING
	4a	B-FN 84	SENDAI 141E-38N	SENDAI 130E-32N
1270	4a & 8	B-LD 9	LYALLPUZ 74E-32N 1.00	LYALLPUR 74E-32N 10.00
1280	4a	B-BW 91	HANGCHO 120E-30N	HANCHOW 120E-30N
1310	4a	B-FN 96	OSAKA 137E-35N	OSAKA 136E-35N
1340	B	B-NM 29	B-NM 29	B-HM 29
	8	B-LD 22	1.00	10.00
1350	4a	B-AT 81A	GEE LANG, V.	GEE LONG, Vic.
1370	4a	B-AS 83B	HT.GAMBIER, SA.	MT.GAMBIER, S.A.

for Region 3
GENEVA, 1949

FINAL REPORT TO THE PLENARY ASSEMBLY
of the
SPECIAL WORKING GROUP
to study
THE FORM OF THE FINAL ACTS

The Special Working Group to study the Form of the Final Acts of the Region 3 Administrative Radio Conference was established during the 7th Plenary Session held on August 16, 1949. It was given the following original terms of reference :

"To consider the form of the final documents and anything else allied to that problem that might arise, and subsequently to present a document on the subject to be used as a basis for discussion by the Plenary Assembly."

The 9th Plenary Session extended the terms of reference of the Special Working Group to provide for the examination of the Preamble and Final Formula of the Final Acts. This Plenary decided that the preparation of the technical texts associated with the Plan be entrusted to Committee 5.

The following countries volunteered to participate in the Special Working Group : Australia, French Overseas Territories, India, Indonesia, New Zealand, Pakistan, United Kingdom Colonies, United States Territories. Meetings were held on August 19, 25, 29 and September 2, 5, 7, 12 and 30, and were well attended by countries which had stated they would participate.

Mr. Plakias, of the United States Territories Delegation, agreed to act as chairman of the first meeting and was subsequently requested by the Working Group to continue in that capacity.

The Special Working Group acting within its terms of reference, recommends to the Plenary Assembly :

1. That the Final Acts of the Region 3 Administrative Radio Conference should not be in the form of an Agreement, but a form similar to the Final Acts of the Regions 1 and 2 Conferences.
2. That the Final Acts should consist of two parts, (bound separately).

Part I to contain the permanent lasting portions of the Final Acts, i.e. the general provisions ; resolutions, recommendations and declarations, if any, pertaining thereto ; the Final Formula and signatures.

Part II to contain the transitory portions which would go to the Provisional Frequency Board; i.e. the Plan, consisting of the List, technical provisions and declarations, if any, relating to the Plan itself.

3. That a single signature be valid for both Parts I and II of the Final Acts.

There are attached as annexes to this report the following recommended texts for Part I of the Final Acts, which have been approved unanimously by the Special Working Group:

I Table of Contents of Part I of the Final Acts.

II Texts of Part I of the Final Acts.

III Final Formula preceding signatures to appear in Part I.

There are reported herewith the deliberations of the Working Group on certain of the factors which are considered in arriving at the foregoing recommendations and in drafting the attached Annexes.

Final Acts in Two Parts:

The recommendation to divide the Final Acts into two parts, to be published as two volumes, both of which would be integral parts of the Final Acts was motivated by practical considerations. It was considered more practical to have the permanent and continuing decisions of the Conference recorded and issued in a convenient form and bound separately, from the more bulky material which would be transitory in nature, namely the Plan, containing the List, technical provisions and declarations associated therewith, and which would become obsolete after they had served their purposes. It was suggested that the larger volume, containing Part II might be made with an outside pocket into which the smaller volume containing Part I, could be placed. By having the Final Acts in two parts it would permit Administration and others, to purchase the volumes separately if they so desired in the interest of economy.

Languages of the Final Documents:

In the First Plenary Assembly (Doc. No. 15, para. 6.2 and 6.3) it was decided that the final documents of the Conference would be published in three languages: English, French and Chinese. In connection with the languages in which the Final Acts would be published, the Delegate of China, Mr. Chung, referred to this decision of the First Plenary and indicated that, because of the technical

difficulties involved he would not insist that the Final Acts be published in Chinese for the present, on the understanding that the Final Acts, particularly Part I, containing the permanent record of the decisions of the Conference, would eventually be published in English, French, and Chinese. With respect to the Frequency List, he would not insist that it appears in Chinese if this was to be included in Part II, which would be considered as a transitory document and become obsolete after its use at the Special Administrative Conference.

Final Formula

The Final Formula included in Annex III is based on the Final Formula used by the Atlantic City Administrative Radio Conference.

Activation of Assignments

In considering the form which the Final Acts of the Region 3 Administrative Conference (Geneva, 1949) should take, the Special Working Group found it necessary to examine the responsibilities of the Region 3 Conference in relation to those of the Special Administrative Conference on the subject of implementation of the Region 3 Frequency Assignment Plan. In this connection it was agreed that the final determination made as to the possibilities of implementing the Region 3 Frequency Assignment Plan as a whole or in part prior to the effective date to be established for the draft new International Frequency List by the Special Administrative Conference would affect the form of the Final Acts of the Region 3 Administrative Radio Conference. In addition, some members of the Group voiced concern over the apparent period of time which may elapse before the Region 3 Plan could be implemented under the established procedures. The Special Working Group considered the entire question at length during several meetings with the following results:

Complete Implementation

The Final Acts of Atlantic City provide that the P.F.B. will integrate, and the Special Administrative Conference will review and approve Regional, P.F.B. and special service plans and establish the effective date of the new International Frequency List.

It is probable that the Atlantic City Conference did not anticipate the lapse of time which has developed prior to the implementation of the Atlantic City Allocation Tables and Assignment Plans.

The Final Acts of Atlantic City are silent on the complete implementation of regional or other plans in advance of the effective date of the International Frequency List, with the single exception of a special proviso for Region 2. It would, therefore, appear that there is no legal provision for such action and that complete implementation would be at variance with the intent of the Final Acts of Atlantic City.

From a technical standpoint the complete implementation of the Region 3 Plan for the Region as a whole would not be practicable unless it was first coordinated with the plans prepared by other Regions, the P.F.B., and specialized service groups as anticipated and provided for in the Final Acts of Atlantic City through the Special Administrative Conference.

Partial Implementation

Since complete implementation before the effective date of the new International Frequency List was not legally provided for by the Final Acts of Atlantic City, and furthermore, would not be technically practicable, the question of partial implementation was examined because certain Administrations might desire to effect such implementation in view of the delay which has developed. The determinations of the Special Working Group on this question were the following:

Both the Cairo Radio Regulations and the Final Acts of Atlantic City contain general provisions under which Administrations can, if they wish, either individually or by special arrangements, activate assignments provided for in the Region 3 Plan prior to the effective date of the new List. However, the Special Working Group was of the opinion that Administrations which desire to implement under these general provisions should abide by the following conditions:

a) That any activation of assignments be effected on an orderly basis, with due attention to engineering principles and propagational effects, and that any special arrangements for this purpose must not be in conflict with the provisions of the Atlantic City Final Acts or the Cairo Radio Regulations, and particularly with those provisions relating to harmful interference to the radio services of other countries:

b) That it is understood by all parties concerned that the frequency assignments which are activated in advance of the effective date of the new International Frequency List would not be binding upon the Special Administrative Conference, or result in any priority, in as much as such frequencies, as well as all others, in the Region 3 Plan are subject to review and approval by that Conference:

c) That the Administrations which activate such assignments and enter into special arrangements for this purpose will not be deemed to have relinquished any international rights or privileges relating to the notification and registration of frequencies to which they are entitled by the General Radio Regulations (Cairo, 1938).

In view of its findings, the Special Working Group did not feel it necessary to submit any special resolution or recommendation on the subject of implementation to the Plenary.

(signed) JOHN N. PLAKIAS,

Chairman,
Special Working Group.

ANNEX I (Revised)

22 October, 1949.

Table of Contents
of the
FINAL ACTS
of the
REGION 3 ADMINISTRATIVE RADIO CONFERENCE
(GENEVA, 1949)

PART I

- (1) Preamble listing signatory countries
- (2) Articles I to IV inclusive
- (3) Resolutions and Recommendations
- (4) Final Formula and Signatures
- (5) Declarations, Reservations, and Statements, if any
- (6) Appendices, if any

PART II

The Plan with introductory and other pertinent material to appear
as a separate volume.

ANNEX I
Table of Contents
of the
FINAL ACTS
of the
REGION 3 ADMINISTRATIVE RADIO CONFERENCE
(GENEVA, 1949)

PART I

- (1) Preamble listing signatory countries
- (2) Chapters I to III inclusive
- (3) Resolutions and Recommendations
- (4) Final Formula and Signatures
- (5) Declarations, Reservations, and Statements, if any
- (6) Appendices, if any

PART II

The Plan with introductory and other pertinent material to appear as a separate volume.

ANNEX II (Revised)
PART I of the
FINAL ACTS
of the
REGION 3 ADMINISTRATIVE RADIO CONFERENCE
(GENEVA, 1949)

22 October, 1949.

The Delegates of the following countries :

Afghanistan	India
Australia	Indonesia
Burma	New Zealand
Ceylon	Overseas Territories of the
China	French Republic and Territories
Colonies, Protectorates,	administrated as such
Overseas Territories and	Pakistan
Territories under Mandate	Philippines
or Trusteeship of the	Territories of the United
United Kingdom of Great	States of America
Britain and Northern Ireland	

duly authorized by their respective Administrations, having met as the Region 3 Administrative Radio Conference (Geneva, 1949), pursuant to Resolution No 61 of the Administrative Council of the International Telecommunication Union, do hereby :

Article I

Approve the Region 3 Frequency Assignment Plan annexed hereto and which appears in a separate volume as the Plan of the Conference, and take note of the (declarations, reservations, and statements, if any) associated therewith.

Article II

Agree to send the Region 3 Frequency Assignment Plan to the Provisional Frequency Board for incorporation in the draft new International Frequency List which will be reviewed and approved at the Special Administrative Radio Conference, but retain for their respective Administrations the right to submit, if it should be found necessary, certain amended, or additional requirements at the time of the Special Administrative Radio Conference.

Article III

Agree to adopt the Resolutions and Recommendations contained in these Final Acts, which shall become effective on the following dates :

Article IV

Provide that Administrations of countries Members of the Union and located in Region 3, which were not represented at the Region 3 Administrative Radio Conference (Geneva, 1949), may accept these Final Acts, and indicate their intent to comply therewith, without reservation, and moreover, signify their approval of the Region 3 Frequency Assignment Plan by informing the Secretary General of the Union, who shall bring this information to the notice of all Members of the Union.

- 6 -
(R3 190-E)

ANNEX **II**
PART I
of the
FINAL ACTS
of the
REGION 3 ADMINISTRATIVE RADIO CONFERENCE
(GENEVA, 1949)

The Delegates of the following countries:

Afghanistan	India
Australia	Indonesia
Burma	New Zealand
Ceylon	Overseas Territories
China	of the French Republic
Colonies, Protectorates,	and Territories
Overseas Territories	administrated as such
and Territories under	Pakistan
Mandate or Trustee-	Philippines
ship of the United	Territories of the United
Kingdom of Great	States of America
Britain and Northern	
Ireland	

duly authorized by their respective Administrations, having met as the Region 3 Administrative Radio Conference (Geneva, 1949), pursuant to Resolution No. 61 of the Administrative Council of the International Telecommunication Union, do hereby:

Chapter I

Approve the Region 3 Frequency Assignment Plan (which appears in a separate volume) as the Plan of the Conference, and take note of the (declarations, reservations, and statements, if any) associated therewith.

Chapter II

Agree to send the Region 3 Frequency Assignment Plan to the Provisional Frequency Board for incorporation in the draft new International Frequency List which will be reviewed and approved at the Special Administrative Conference, but retain for their respective Administrations the right to submit, if it should be found necessary, certain amended, or additional requirements at the time of the Special Administrative Radio Conference.

Chapter III

Agree to adopt the Resolutions and Recommendations contained in these Final Acts, which shall become effective on the following dates:

ANNEX III (Revised)

22 October, 1949.

Final Formula Preceding Signature

IN WITNESS WHEREOF, the undersigned being delegates of their respective Administrations have affixed their signatures to this instrument, in a single copy, to be deposited in the archives of the International Telecommunication Union, which shall forward a certified copy to each signatory Administration.

Done at Geneva

ANNEX III

Final Formula Preceding Signature

IN WITNESS WHEREOF, the undersigned being delegates of their respective Administrations have affixed their signatures to this instrument, in a single copy, to be deposited in the archives of the International Telecommunication Union, which shall forward a certified copy to each Administration represented at the Conference.

Done at Geneva

COMMITTEE 5

The following alphabetical index of the Provisional Frequency List concerns the shared Bands 2301.25-2600 kc/s.

It was prepared in the same way as that annexed to Document No 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
AUSTRALIA	2300	2316	2320	2324	2328	2333
	2340	2352	2356	2364	2368	2371.25
	2376	2381	2384	2388	2392	2396
	2400	2404	2408	2410	2416	2420
	2424	2428	2436	2442	2448	2452
	2456	2460	2464	2468	2476	2480
	2484	2488	2492	2500	2500	2512
	2516	2520	2525	2528	2532	2536
	2540	2544	2548	2552	2556	2560
	2564	2568	2572	2576	2580	2585
	2588	2592	2596	2600		
(New Guinea	2324	2340	2384	2396	2400	2404
	2420	2424	2456	2464	2468	2476
	2480	2488	2508	2512	2520	2525
	2528	2532	2540	2556	2564	2572
	2576	2596	2600			
BURMA	2380					
CEYLON	2381	2396	2431	2470		
CHINA	2310	2330	2342.5	2352.5	2360	2370
	2377.5	2390	2407.5	2420	2430	2432.5
	2440	2452.5	2455	2460	2465	2467.5
	2475	2477.5	2480	2507.5	2512.5	2517.5
	2520	2522.5	2525	2530	2532.5	2537.5
	2542.5	2547.5	2550	2552.5	2557.5	2560
	2562.5	2565	2567.5	2570	2572.5	2577.5
	2580	2582.5	2585	2587.5	2588	2590
	2592.5	2595	2600			
PORTUGUESE COLONIES						
(Macao	2430	2470	2600			
(Timor	2410	2485	2600			
UNITED KINGDOM COLONIES						
(N. Borneo	2485	2507.5	2522.5	2542.5	2560	2567.5
	2582.5	2590				
(Fiji Is.	2435	2515	2525	2568	2595	
(Hongkong	2381	2396	2431			
(Malaya	2305	2325	2381	2396	2431	2527.5
	2548.75	2587.5	2600			

- 2 -
(Reg. 3-191-E)

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
FRENCH OVERSEA TERRITORIES						
(Antartic	2362.5	2493.75				
(Indo-China	2310	2320	2415	2435	2470	
(Fr. Oceania	2311.25	2320	2415	2436.25		
INDIA	2301.25	2305	2310	2315	2320	2325
	2330	2333	2335	2340	2345	2350
	2355	2360	2365	2370	2375	2380
	2385	2390	2395	2400	2405	2410
	2415	2420	2425	2430	2435	2440
	2445	2450	2455	2460	2465	2470
	2475	2480	2485	2490	2493.75	2506.25
	2507.5	2510	2512.5	2515	2517.5	2520
	2521.25	2522.5	2525	2526.25	2527.5	2530
	2531.25	2532.5	2535	2537.5	2540	2541.25
	2542.5	2545	2546.25	2547.5	2550	2551.25
	2552.5	2553.75	2555	2556.25	2557.5	2560
	2562.5	2563.75	2565	2567.5	2570	2571.25
	2572.5	2575	2576.25	2577.5	2578.75	2580
	2581.25	2582.5	2583.75	2585	2586.25	2587.5
	2588.75	2590	2591.25	2592.5	2595	2597.5
	2598.75	2600				
INDONESIA	2350	2370	2377.5	2385	2390	2430
	2435	2445	2455	2460	2480	2490
	2580	2590				
IRAN	2337.5	2345	2360	2507.5	2510	2517.5
	2522.5	2542.5	2552.5	2555	2562.5	2572.5
	2592.5					
KOREA (Republic of)	2307.5	2317.5	2322.5	2332.5	2337.5	2347.5
	2352.5	2357.5	2362.5	2367.5	2372.5	2380
	2392.5	2397.5	2412.5	2420	2427.5	2435
	2460	2465	2470	2485	2490	2510
	2522.5	2527.5	2535	2542.5	2547.5	2555
	2560	2565	2570	2575	2580	2590
	2600					
NEW ZEALAND	2345	2370	2375	2381	2390	2415
	2431	2440	2450	2475	2480	2488
	2510	2550	2560	2575	2590	
PAKISTAN	2301.25	2302.5	2305	2310	2315	2320
	2327.5	2330	2333	2335	2345	2347.5
	2350	2352.5	2355	2357.5	2362.5	2365
	2367.5	2370 2372.5	2375	2380	2382.5	2385
	2390	2392.5	2395	2397.5	2400	2403.75
	2405	2407.5	2415	2417.5	2420	2422.5
	2425	2427.5	2430	2432 2432.5	2435	2437.5
	2445	2446.25	2452.5	2455	2460	2465
	2467.5	2470	2475	2476	2477.5	2480
	2482.5	2485	2487.5	2490	2492.5	2506.25
	2507.5	2510	2512.5	2515	2517.5	2518.75

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>						
Pakistan	2520	2522.5 2531.25 2545 2555 2570 2580 2592.5	2523.75 2532.5 2546.25 2557.5 2572 2582.5 2593.75	2525 2535 2547.5 2560 2573.75 2583.75 2595	2527.5 2537.5 2550 2563.75 2575 2585 2596.25	2528.75 2540 2551.25 2565 2576 2587.5 2600	2530 2542.5 2552.5 2567.5 2577.5 2590
PHILIPPINES (Republic of)		2305 2355 2387.5 2517.5 2535 2560 2595	2315 2362.5 2400 2520 2540 2565 2600	2320 2366.5 2405 2522.5 2545 2570	2330 2371.25 2450 2525 2550 2572.5	2335 2375 2510 2527.5 2552.5 2575	2345 2382.5 2515 2530 2555 2585
SIAM		2425					
UNITED STATES TERRITORIES							
(Guam		2395					
(Japan (U.S.A.)		2405	2515	2577.5	2592.5	2597.5	
(Mariana Is.		2485					
(Philippines		2325					
(Ryukyu (U.S.A.)		2415					
(Japan (SCAP)		2315 2370 2430 2500 2572.5	2325 2375 2445 2520 2585	2340 2385 2455 2530	2345 2410 2475 2540	2355 2417.5 2480 2545	2365 2425 2492.5 2557.5
(Ryukyu (SCAP)		2462.5					

Administrative Radio Conference
for Region 3

Region 3- Document 192-E
6 October, 1949

COMMITTEE 5

The following alphabetical index of the Provisional Frequency List concerns the Shared Bands 2601.25-2725 kc/s.

It was prepared in the same way as that annexed to Document N° 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
AUSTRALIA	2604	2608	2612	2616	2620	2624
	2628	2632 2636	2640	2644	2648	2652.5
	2656	2660	2664	2668	2672	2676
	2680	2688	2690	2692	2696	2700
	2705	2708	2712	2716	2720	2724
(N. Guinea	2608	2624	2628	2636	2648	2656
	2672	2684	2716	2720	2724	
CEYLON	2615	2630	2655	2670	2685	
CHINA	2602.5	2605	2607.5	2610	2615	2617.5
	2620	2622.5	2625	2627.5	2630	2632.5
	2635	2637.5	2640	2642.5	2645	2647.5
	2650	2652.5	2655	2657.5	2662.5	2665
	2667.5	2670	2672.5	2675	2677.5	2680
	2682.5	2685	2687.5	2690	2692.5	2695
	2697.5	2707.5	2710	2712.5	2715	2717.5
	2720	2722.5	2725			
PORTUGUESE COLONIES						
(Timor	2625	2635	2650			
UNITED KINGDOM COLONIES						
(Fiji Is.	2670					
(Hongkong	2660	2707.5				
(Malaya	2680	2725				
FRENCH OVERSEA TERRITORIES						
(Fr. Indo-China	2620					
(N. Caledonia	2605	2620	2675	2695	2715	
(N. Hebrides	2650	2660				
(Fr. Oceania	2620					
INDIA	2602.5	2605	2607.5	2610	2612.5	2615
	2617.5	2621.5	2622.5	2625	2626.25	2627.5
	2630	2632.5	2635	2637.5	2640	2642.5
	2645	2647.5	2650	2652.5	2655	2657.5
	2660	2662.5	2665	2667.5	2670	2672.5
	2675	2676.25	2677.5	2680	2682.5	2685
	2687.5	2688.75	2690	2692.5	2695	2696.25
	2697.5	2700	2702.5	2703.75	2705	2707.5
	2710	2712.5	2715	2716.25	2717.5	2721.25
	2722.5	2725				

- 2 -
(R3-192-E)

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
IRAN	2605	2692.5				
KOREA (Republic of)	2602.5	2610	2617.5	2622.5	2627.5	2632.5
	2645	2655	2661.25	2670	2675	2685
	2692.5	2702.5	2707.5	2715	2725	
NEPAL	2680	2700				
NEW ZEALAND	2620	2635	2640	2650	2655	2660
	2665	2670	2675	2680	2685	2690
	2710	2720	2725			
PAKISTAN	2601.25	2602.5	2605	2607.5	2608.75	2610
	2612	2615	2617.5	2620	2622.5	2625
	2628.75	2630	2632	2632.5	2635	2640
	2642.5	2645	2647.5	2650	2655	2660
	2662.5	2664	2667.5	2670	2675	2676
	2677.5	2682.5	2685	2686.25	2690	2691.25
	2694	2695	2697.5	2702.5	2705	2707.5
	2710	2712.5	2715	2720	2724	2725
PHILIPPINES	2610	2630	2640	2645	2652.5	2655
(Republic of)	2662.5	2682.5	2695	2705	2710	2720
UNITED STATES TERRITORIES						
(Guam	2615					
(Iwo Jima	2712					
(Japan (U.S.A.)	2607.5	2612.5	2636.25	2647.5	2652.5	2677.5
	2685	2690	2697.5	2705	2712	
(Caroline Is.	2630	2712				
(Mariana Is.	2712					
(Palmyra	2712					
(Samoa Is.	2712					
(Wake Is.	2630	2712				
(Marshall Is.	2630	2700	2712			
(Philippines	2670	2700	2712			
(Japan(S.C.A.P.)	2720					

COMMITTEE 5

The following alphabetical index of the Provisional Frequency List concerns the shared Bands 2726.25 - 2848.75 kc/s.

It was prepared in the same way as that annexed to Document No 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
AUSTRALIA	2728	2732	2736	2740	2744	2748
	2750	2756	2760	2764	2768	2770
	2772	2776	2780	2785	2788	2790
	2792	2796	2800	2804	2808	2812
	2815	2816	2820	2822	2826	2830
	2832	2834	2836	2840	2844	2848
(New Guinea	2744	2748	2764	2776	2808	2812
	2822					
CEYLON	2755	2810	2835			
CHINA	2730	2732.5	2735	2737.5	2740	2742.5
	2747.5	2750	2757.5	2762.5	2770	2772.5
	2775	2780	2781.25	2782.5	2788.75	2790
	2792.5	2797.5	2800	2807.5	2810	2815
	2817.5	2822.5	2825	2830	2832.5	2835
	2837.5	2840	2842.5	2845	2847.5	
PORTUGUESE COLONIES						
(Macau	2767.5					
(Timor	2750					
UNITED KINGDOM COLONIES						
(N. Borneo	2727.5	2762.5	2785	2807.5	2842.5	
(Fiji Is.	2727.5	2797.5	2802.5			
(Hongkong	2730	2785	2810			
(Malaya	2760	2785	2792.5	2810	2812.5	2820
	2825	2830	2847.5			
(Solomon Is.	2825					
(Sarawak	2797.5					
(Tonga Is.	2835					
FRENCH OVERSEA TERRITORIES						
(Fr. Indo-China	2731.25	2737.5	2747.5	2752.5	2761.25	2763.75
	2775	2776.25	2787.5	2805	2822.5	2830
	2832.5	2838.75	2840	2845		
(N.Caledonia	2755	2775	2816.25	2826.25	2845	
(N.Hebrides	2805	2826.25	2845			
(Fr.Oceania	2800	2845				
INDIA	2730	2732.5	2735	2742.5	2747.5	2752.5
	2757.5	2762.5	2765	2767.5	2772.5	2777.5
	2780	2782.5	2787.5	2790	2792.5	2797.5
	2800	2802.5	2805	2810	2812.5	2817.5
	2820	2822.5	2825	2834	2837.5	2840
	2842.5	2845	2847.5	2848.75		

- 2 -
(R3-193-E)

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
INDONESIA	2780 2822.5	2790 2830	2795 2835	2800 2840	2805	2810
IRAN	2797.5	2812.5	2842.5			
KOREA (Republic of)	2735 2777.5 2817.5	2742.5 2790 2825	2747.5 2797.5 2832.5	2752.5 2802.5 2842.5	2762.5 2807.5 2847.5	2770 2812.5
NEW ZEALAND	2730 2760 2795 2825	2735 2765 2800 2830	2740 2770 2805 2835	2745 2775 2810 2840	2750 2780 2815 2843	2755 2790 2820 2847
PAKISTAN	2727.5 2740 2757.5 2781.25 2800 2817.5 2832.5 2842.5	2730 2745 2760 2882.5 2802.5 2820 2834 2845	2732.5 2747.5 2762.5 2785 2805 2823.75 2835 2846.25	2735 2750 2765 2790 2807.5 2825 2836.25 2847.5	2736 2752.5 2770 2792.5 2810 2827.5 2837.5 2848	2737.5 2755 2775 2795 2815 2830 2840 2848.75
PHILIPPINES (Republic of)	2730 2765 2797.5 2825	2735 2770 2800 2827.5	2740 2775 2805 2835	2745 2781.25 2815 2843.75	2750 2790 2817.5 2848.75	2760 2795 2820
UNITED STATES TERRITORIES						
(Guam	2736.25	2772.5				
(Iwo Jima	2836					
(Japan (U.S.A.))	2727.5 2767.5 2836	2732.5 2775 2848.75	2745 2795	2755 2805	2760 2812.5	2765 2820
(Caroline Is.	2836					
(Mariana Is.	2780	2836				
(Palmyra	2836					
(Samoa Is.	2836	2845				
(Wake Is.	2836					
(Marshall Is.	2815	2836				
(Philippines	2755	2836				
(Japan (S.C.A.P.))	2740	2750	2785	2800	2845	

COMMITTEE 5

The following alphabetical index of the Provisional Frequency List concerns the Shared Bands 3502 - 3700 kc/s.

It was prepared in the same way as that annexed to Document N° 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
AFGHANISTAN	3530	3575	3655	3670		
AUSTRALIA	3505	3540				
BURMA	3505	3525				
CEYLON	3505 3590 3672.5	3560 3595 3695	3570 3600	3575 3615	3580 3627.5	3585 3652.5
CHINA	3502.5 3517.5 3532.5 3547.5 3562.5 3577.5 3592.5 3607.5 3617.5 3637.5 3652.5 3667.5 3685	3505 3520 3535 3550 3565 3580 3595 3608.75 3620 3640 3655 3668.75 3687.5	3507.5 3522.5 3537.5 3552.5 3567.5 3582.5 3597.5 3610 3622.5 3642.5 3657.5 3671.25 3697.5	3510 3525 3540 3555 3570 3585 3600 3612.5 3625 3645 3660 3672.5 3700	3512.5 3527.5 3542.5 3557.5 3572.5 3587.5 3602.5 3613.75 3630 3647.5 3662.5 3675	3515 3530 3545 3560 3575 3590 3605 3615 3632.5 3650 3665 3682.5
FRENCH OVERSEAS TERRITORIES						
(Indo-China	3525 3602.5 3630 3670	3535 3605 3635 3675	3542.5 3610 3645 3680	3555 3615 3650 3685	3560 3620 3655 3690	3585 3625 3665 3695
(Fr. Oceania	3525	3560	3635			
(New Caledonia	3507.5					
(New Hebrides	3605					
INDIA	3502.5 3520 3537.5 3552.5 3567.5 3582.5 3602.5 3617.5 3632.5 3647.5 3662.5 3677.5 3692.5	3507.5 3522.5 3540 3555 3570 3585 3605 3620 3635 3650 3665 3680 3695	3510 3527.5 3542.5 3557.5 3572.5 3587.5 3607.5 3622.5 3637.5 3652.5 3667.5 3682.5 3697.5	3512.5 3530 3545 3560 3575 3592.5 3610 3625 3640 3655 3670 3685 3700	3515 3532.5 3547.5 3562.5 3577.5 3597.5 3612.5 3627.5 3642.5 3657.5 3672.5 3687.5	3517.5 3535 3550 3565 3580 3600 3615 3630 3645 3660 3675 3690

<u>Country</u>	<u>Assigned Frequency (Kc/s)</u>					
INDONESIA	3590	3607.5	3613.75	3620	3625	3630
	3635	3642.5	3650	3655	3660	3665
	3670	3680	3685	3690	3695	3700
IRAN	3502.5	3520	3530	3550	3575	3580
	3585					
KOREA (Republic of)	3550	3562.5	3567.5	3572.5	3577.5	3585
	3587.5	3595	3597.5	3610	3612.5	3617.5
	3632.5	3647.5	3662.5	3667.5	3672.5	3677.5
	3692.5	3697.5				
NEPAL	3505	3523.75	3537.5	3541.25		
PAKISTAN	3512.5	3505	3507.5	3515	3520	3525
	3527.5	3532.5	3537.5	3540	3542.5	3552.5
	3555	3556	3557.5	3562.5	3565	3567.5
	3570	3572.5	3575	3577.5	3580	3582.5
	3585	3587.5	3590	3595	3596	3597.5
	3600	3601.5	3602.5	3605	3607.5	3610
	3612.5	3615	3617.5	3620	3622.5	3625
	3627.5	3630	3632.5	3635	3637.5	3640
	3642.5	3645	3647.5	3650	3652.5	3655
	3657.5	3662.5	3665	3667.5	3672.5	3675
	3677.5	3680	3685	3687.5	3690	3692.5
	3695	3697.5	3700			
PHILIPPINES (Republic of the)	3602.5	3612.5	3620	3622.5	3627.5	3635
	3637.5	3640	3652.5	3657.5	3662.5	3667.5
	3675	3682.5				
PORTUGUESE COLONIES						
(Goa)	3550	3567.5	3577.5	3610		
(Macau)	3567.5					
UNITED KINGDOM COLONIES						
(Fiji Is.)	3575					
(Hongkong)	3505	3520	3540	3580	3600	3637.5
(Malaya)	3505	3510	3550	3570	3580	3600
	3602.5	3677.5	3692.5			
(North Borneo)	3605					
(Sarawak)	3512.5					
(Line Is.)	3515					
UNITED STATES TERRITORIES						
(Japan (U.S.A.))	3585	3595				
(Philippines)	3690					
(Japan (S.C.A.P.))	3592.5	3600	3607.5	3627.5	3635	3642.5
	3652.5	3655	3657.5	3670	3680	3685
	3687.5	3695	3700			
(Ryuku (S.C.A.P.))	3680					

COMMITTEE 5

The following alphabetical index of the Provisional Frequency List concerns the Shared Bands 3702 - 3897.5 kc/s.

It was prepared in the same way as that annexed to Document N° 152.

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
AFGHANISTAN	3720	3755				
AUSTRALIA	3800	3804	3808	3812	3816	3820
	3824	3828	3830	3832	3836	3840
	3844	3848	3850	3852	3856	3860
	3864	3868	3872	3876	3880	3884
	3885	3888	3892	3896		
(New Guinea	3852	3864	3872	3880	3885	3888
	3896					
BURMA	3750	3857.5	3867.5	3875	3890	3897.5
CEYLON	3750	3770				
CHINA	3702.5	3705	3707.5	3710	3712.5	3715
	3717.5	3720	3725	3727.5	3730	3732.5
	3735	3737.5	3740	3742.5	3745	3747.5
	3750	3752.5	3755	3757.5	3760	3762.5
	3765	3767.5	3772.5	3775	3780	3782.5
	3785	3787.5	3790	3792.5	3793.75	3797.5
	3800	3802.5	3805	3808	3810	3812.5
	3817.5	3820	3822.5	3824	3825	3832.5
	3835	3837.5	3840	3842.5	3845	3846
	3850	3852.5	3855	3857.5	3860	3862.5
	3865	3867.5	3870	3875	3877.5	3880
	3882.5	3885	3887.5	3890	3895	3897.5
FRENCH OVERSEAS TERRITORIES						
(Antartic	3722.5	3742.5				
(Fr. Indo-China	3705	3715	3720	3730	3745	3747.5
	3750	3757.5	3760	3762.5	3765	3770
	3792.5	3795	3810	3817.5	3822.5	3827.5
	3845	3862.5	3880	3892.5		
(Fr. Oceania	3750	3760				
(N. Caledonia	3760					
INDIA	3702.5	3705	3707.5	3710	3712.5	3715
	3717.5	3718.75	3720	3722.5	3725	3727.5
	3732.5	3733.5	3735	3737.5	3740	3742.5
	3745	3747.5	3750	3752.5	3755	3760
	3762.5	3765	3772.5	3775	3777.5	3782.5
	3787.5	3792.5	3800	3805	3810	3812
	3815	3817.5	3820	3822.5	3825	3827.5
	3830	3832.5	3835	3837.5	3840	3842.5
	3843.75	3847.5	3850	3855	3860	3862.5
	3865	3867.5	3870	3872.5	3877.5	3882.5
	3885	3890	3892.5	3895	3897.5	

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
INDONESIA	3705	3710	3725	3735	3740	3745
	3752.5	3762.5	3767.5	3770	3777.5	3780
	3785	3790	3795	3805	3810	3815
	3820	3825	3830	3835	3836	3845
	3850	3855	3857.5	3865	3870	3877.5
	3885	3890	3895			
IRAN	3765	3802.5	3809	3815	3824	3830
	3860					
KOREA	3702.5	3722.5	3732.5	3737.5	3747.5	3755
	3760	3765	3772.5	3780	3792.5	3804
	3807.5	3817.5	3835	3852.5	3857.5	3862.5
	3872.5	3877.5	3892.5			
NEPAL	3710	3740	3770	3785	3790	3885
PAKISTAN	3702.5	3707.5	3710	3715	3717.5	3720
	3725	3730	3732.5	3735	3737.5	3740
	3742.5	3745	3747.5	3750	3755	3757.5
	3760	3762.5	3765	3767.5	3770	3771
	3774	3777.5	3780	3785	3787.5	3790
	3795	3797.5	3800	3805	3809	3810
	3812	3815	3816	3817.5	3819	3820
	3822.5	3825	3827.5	3830	3832.5	3835
	3837.5	3840	3842.5	3845	3846	3850
	3851.25	3852.5	3855	3856	3857.5	3862.5
	3864	3865	3867.5	3870	3872.5	3875
	3877.5	3878.5	3880	3881	3882.5	3884
	3887.5	3890	3891	3892.5	3895	3896
	3897.5					
PHILIPPINES (Republic of)	3705	3707.5	3710	3712.5	3715	3722.5
	3727.5	3730	3732.5	3735	3737.5	3742.5
	3750	3752.5	3757.5	3760	3762.5	3765
	3767.5	3770	3775	3777.5	3782.5	3787.5
	3790	3792.5	3795	3800	3804	3807.5
	3809	3812	3824	3830	3846	3847.5
	3848	3851.25	3860	3867.5	3872.5	3882.5
	3892.5					
PORTUGUESE COLONIES						
(Macau)	3825					
(Timor)	3800	3825	3855	3890		
UNITED KINGDOM COLONIES						
(Fiji Is.)	3730					
(Gilbert Is.)	3730					
(Hongkong)	3820					
(Malaya)	3702.5	3712.5	3722.5	3732.5	3755	3772.5
	3782.5	3787.5	3797.5	3815	3822.5	3832.5
	3840	3842.5	3847.5	3852.5		
(North Borneo)	3790					
(Line Is.)	3730					

<u>Country</u>	<u>Assigned Frequency (kc/s)</u>					
UNITED STATES TERRITORIES						
(Japan (U.S.A.))	3827.5					
(Korea	3717.5					
(Ryukyu	3857.5					
(Japan (SCAP)	3727.5	3740	3745	3757.5	3762.5	3770
	3777.5	3782.5	3795	3800	3810	3815
	3822.5	3830	3835	3840	3847.5	3867.5
	3887.5	3897.5				

AGENDA

for the 10th Plenary Session
to be held on Monday 10th October at 2.30 p.m.
in Room B

1. Approval of the Minutes of the 9th Plenary Session, Document N° 175.
 2. Acceptance of the official credentials of the Delegate of Ceylon.
 3. Adoption of the following Draft Frequency Lists :

Shared Band	150 - 160 kc/s	} annexed to Doc.165
Exclusive Band	160 - 200 kc/s	
Shared Bands	200 - 415 kc/s	} annexed to Doc.164
and	510 - 535 kc/s	
Exclusive Maritime Mobile Bands		} annexed to Doc.157
415-490 kc/s ; 2065-2100 kc/s		
Band : 535 - 1605 kc/s Broadcasting annexed to Doc.152		
 4. Verbal report from the Chairman of Committee 5.
 5. Final Report of the Special Working Group charged with studying the Form of the Final Acts, Document N° 190.
 6. Closing date of the Conference.
 7. Any other business.
-

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document N° 197-E
11 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 11th, 1949.

It concerns the Provisional Frequency Lists for the bands 1606.25 - 3897.50 kc/s referred to in Documents Nos 176 - 185 - 188 - 191 - 192 - 193 - 194 - 195 (Alphabetical Indexes).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document N° 197-F
11 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 11 octobre 1949, concernant les Listes provisoires des fréquences pour les bandes de 1606.25 - 3897.50 kc/s, auxquelles se réfèrent les documents Nos. 176 - 185 - 188 - 191 - 192 - 193 - 194 et 195 (Index alphabétiques).

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
1977.5 AMAT.	BOMBAY PORT 72E-19N	MUSIC RADIO	150	MOB.MAR.	A1 A2 A3	0.05	CONTIN.	INDIA	C-EV Z08
2180	AUSTRALIA & N.GUINEA		300	MOB.TER.	A1 A2 A3	0.30	CONTIN.	AUSTRALIA	L-AT Z99
2510	NEW ZEALAND			MOB.MAR.	A3	1.00	INTERM.	NEW ZEALAND	C-HM Z24
3175	BOMBAY PORT 73E-19N		150	MOB.MAR.	A1 A2 A3	0.05	CONTIN.	INDIA	C-EV Z08
3190	COCHIN 76E-10N VIZACAPATAM 83E-18N		600 600	MOB.MAR. MOB.MAR.	A3 A3	0.20 0.20	INTERM. INTERM.	INDIA INDIA	C-EV 852B C-EV 852E
3532.5	STEWART		500	MOB.MAR.	A1 A2 A3	1.00	CONTIN.	INDIA	C-EV Z02

AMENDMENTS

CORRECTIONS

Assigned Frequency Fréquence assignée	Circuit Number N° du circuit	Column Colonne	Instead of : Au lieu de :	Read : Lire :
2762.50	F-KZ Z47	4a & 4b	SEOUL 127E-38N (KOONSAN (MOOKHO (POHANG	SEOUL 127E-38N) (KOONSAN POHANG) (MOOKHO MOOKHO) (POHANG KOONSAN) (SEOUL
		4c & 5	180 187 270	FIXE(D) FIXE(D) FIXE(D)
		6 & 8	A1 A1 A1	0.50 0.50 0.50
		10	0800 - 2300 0800 - 2300 0800 - 2300	270 FIXE(D)
		A & B	KOREA F-KZ Z47A KOREA F-KZ Z47B KOREA F-KZ Z47C	A1 0.50 0.50
2802.50	F-DG 32N	10	0400 - 2000	0800 - 2300
2835	F-JT 289A B C D	4c 4c 4c 4c		KOREA F-KZ Z47N
3005	R-IN Z14	10	0.00 - 1100	CONTIN.
3730	F-LU 941N	4c		1000
3755	F-GN 298N	10	1000 - 1400	1000
3790	F-BL 845A B C	10 10 10	2200 - 08-09 2200 - 08-09 2200 - 08-09	2000 700
3840	F-GN 691N	4c		0800 - 1100
				3000
				0000 - 1400
				2200 - 0900
				2200 - 0900
				2200 - 0900
				2000

Administrative Radio Conference
for Region 3
GENEVA, 1949.

Region 3 - Document No 198-E
12 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations, up to October 12th, 1949.

It concerns the Provisional Frequency Lists for the bands 1606.25 - 3897.50 kc/s referred to in Documents Nos 176 - 185 - 188 - 191 - 192 - 193 - 194 - 195 (Alphabetical Indexes).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document No 198-F
12 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 12 octobre 1949, concernant les Listes provisoires des fréquences pour les bandes de 1606.25 - 3897.50 kc/s, auxquelles se réfèrent les documents Nos. 176 - 185 - 188 - 191 - 192 - 193 - 194 et 195 (Index alphabétiques).

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
2125	TOKYO	INTERIOR JAPAN	500	F.	A1	1.20	CONTIN.	JAPAN	F-FP Z03
2130	OKINAWA	INTERIOR JAPAN	500	F.	A1	0.40	"	RYUKYU	F-LE Z05
2150	AOMORI 141E-41N	HAKODAT 141E-42N	100	F.	A1 A2 A3	0.50	"	JAPAN	F-FN 64Z
2170	JAPAN		500	M.M.	A3	0.50	"	"	C-FN Z50
2245	HAKODATE 141E-41N	AOMORI 141E-41N	100	F.	A1 A2 A3	0.50	"	"	F-FN Z65
2302	SAMAR	MANILA	533	F.	F1	0.50	"	PHILIPPINES	F-KT X22
2335	KOCHI 134E-34N	SHIKOKU AREA	100	F.	A1	0.50	"	INDIA	F-FN 437
2385	NIIGATA 140E-38N	CENTRAL HONSHU	300	F.	A1	0.50	"	JAPAN	F-FN 34Z
2410	JAPAN	COASTAL AREA	1000	M.M.	A2	0.50	"	"	C-FN Z09
2417.5	TOKYO 140E-35N	CENTRAL HONSHU	300	F.	S.A1	0.50	"	"	F-FN 51ZN
2475	FUKUOKA 130E-34N	KYUSHU AREA	300	F.	A1	0.50	"	"	F-FN 46ZN
2480	NAGASAKI 130E-33N	CHINA, JAPAN SEA	500	M.M.	A3	0.50	"	"	C-FN Z32
	HAKODATE 141E-42N	COASTAL AREA	500	M.M.	A3	0.50	"	"	C-FN Z38
	SHIMOTSUI 134E-34N	COASTAL AREA	500	M.M.	A3	0.50	"	"	C-FN Z43
2492.5	SAPPORO 141E-43N	HOKKAIDO	300	F.	S.A1	0.50	"	"	F-FN 48Z
2557.5	AOMORI 141E-41N	HAKODATE	100	F.	A1	0.30	"	"	F-FN 63Z
2572.5	WAKKANAI 141E-45N	COASTAL AREA	500	M.M.	A3	1.00	"	"	C-FN Z44
2636.25	NAGOYA) OKINAWA) TOKYO)	(OKINAWA (TOKYO (NAGOYA	1489	F.	A1	1.00	"	"	F-FP 31N
2848.75	TOKYO	INTERIOR JAPAN	500	F.	A1	0.30	"	"	F-FP Z21
3168.75	GUAM	IWO JIMA	1200	F.	F1	3.00	"	GUAM	F-DX 22
3215.5	MANILA	LEYTE	600	F.	F1	3.00	"	PHILIPPINES	F-KT X18
3237.5	SASEBO	TOKYO	966	F.	A1	0.50	"	JAPAN	F-FP X14

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
3240	GUAM) MANILA) MOMOTE) OKINAWA) PELELUI) SAMAR)	(GUAM) (MANILA) (MOMOTE) (OKINAWA) (PELELUI) (SAMAR)	3500	F.	A1	2.50	CONTIN.	GUAM	F-DX X09N
3245	IWO JIMA	GUAM	1350	F.	F1	3.00	CONTIN.	PHILIPPINES	F-KT X18
3299	NAGOYA	OKINAWA	1284	F.	F1	1.00	"	JAPAN	F-FP 32
3305	JAPAN	INTERIOR JAPAN	500	F.	A1	0.50	"	"	F-FP Z18
3620	INDONESIA	INDONESIA	800	F.	A3	0.25	"	INDONESIA	F-EX 145
	"	"	800	F.	A3	0.25	"	"	F-EX 146
	"	"	800	F.	A3	0.25	"	"	F-EX 148
	"	"	800	F.	A3	0.25	"	"	F-EX 150
3630	INDONESIA	INDONESIA	800	F.	A3	0.25	"	INDONESIA	F-EX 77
	"	"	800	F.	A3	0.25	"	"	F-EX 79
	"	"	800	F.	A3	0.25	"	"	F-EX 82
3680	INDONESIA	INDONESIA	800	F.	A3	0.25	"	INDONESIA	F-EX 106
	"	"	800	F.	A3	0.25	"	"	F-EX 112
	"	"	800	F.	A3	0.25	"	"	F-EX 115

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
2125	AOMORI 141E-41N	HAKODATE 141E-42N	100	F.	A1 A2 A3	0.50	CONTIN.	JAPAN	F-FN 64Z
2150	JAPAN		500	M.M.	A3	0.50	"	"	C-FN 250
2168	TOKYO	INTERIOR JAPAN	500	F.	A1	1.20	"	"	F-FP 203
2230	SAMAR	MANILA	533	F.	F1	0.50	"	PHILIPPINES	F-KT X22
2240	HAKODATE 141E-42N	AOMORI 141E-41N	100	F.	A1 A2 A3	0.50	"	JAPAN	F-FN 65Z
2250	AOMORI 141E-41N	HAKODATE 141E-42N	100	F.	A1	0.50	"	"	F-FN 63Z
2255	OKINAWA	INTERIOR JAPAN	500	F.	A1	0.40	"	RYUKYU	F-LE 205
2335	NIIGATA 140E-38N	CENTRAL HONSHU	300	F.	A1	0.50	"	JAPAN	F-FN 34Z
2350	JAPAN	COASTAL AREA	1000	M.M.	A2	0.50	"	"	C-FN 209
2385	KOCHI 134E-34N	SHIKOKU AREA	100	F.	A1	0.50	"	"	F-FN 42Z
2410	TOKYO 140E-35N	CENTRAL HONSHU	300	F.	A1 F1	0.50	"	"	F-FN 51Z
2430	NAGASAKI 130E-33N	CHINA, JAPAN SEA	500	M.M.	A3	0.50	"	"	C-FN 232
2475	HAKODATE 141E-42N	COASTAL AREA	500	M.M.	A3	0.50	"	"	C-FN 238
	SHIMOTSUI 134E-34N	COASTAL AREA	500	M.M.	A3	0.50	"	"	C-FN 243
2480	FUKUOKA 130E-34N	KYUSHU AREA	300	F.	A1	0.50	"	"	F-FN 46Z
2485	SAPPORO 141E-43N	HOKKAIDO	300	E.	A1 F1	0.50	"	"	F-FN 48Z
2575	WAKKANAI 141E-45N	COASTAL AREA	500	M.M.	A3	1.00	"	"	C-FN 244
2647.5	NAGOYA) OKINAWA) TOKYO)	(OKINAWA) (TOKYO) (NAGOYA)	1489	F.	A1	1.00	"	"	F-FP 31N
2827.5	TOKYO	INTERIOR JAPAN	500	F.	A1 A3	0.30	"	"	F-FP 221
3176	GUAM	IWO JIMA	1200	F.	F1	3.00	"	GUAM	F-DX 22
3215	SASEBO	TOKYO	966	F.	F1	0.50	"	JAPAN	F-FP X14
3237.5	MANILA	LEYTE	600	F.	F1	3.00	"	PHILIPPINES	F-KT X18
3240	IWO JIMA	GUAM	1350	F.	F1	3.00	"	IWO JIMA	F-FM 5

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
3245	GUAM) MANILA) MOMOTE) OKINAWA) PELELUI) SAMAR)	(SAMAR) (PELELUI) (OKINAWA) (MOMOTE) (MANILA) (GUAM)	3500	F.	A1	2.50	CONTIN.	GUAM	F-DX X09N
3294	JAPAN	INTERIOR JAPAN	500	F.	A1	0.50	CONTIN.	JAPAN	F-FP Z18
3392.5	NAGOYA	OKINAWA	1284	F.	F1	1.00	"	"	F-FP 32
3562.5	INDONESIA	INDONESIA	800	F.	A3	0.25	"	INDONESIA	F-EX 145
	"	"	800	F.	A3	0.25	"	"	F-EX 146
	"	"	800	F.	A3	0.25	"	"	F-EX 148
	"	"	800	F.	A3	0.25	"	"	F-EX 150N
3572.5	INDONESIA	INDONESIA	800	F.	A3	0.25	"	INDONESIA	F-EX 77N
	"	"	800	F.	A3	0.25	"	"	F-EX 79N
	"	"	800	F.	A3	0.25	"	"	F-EX 82N
3575	INDONESIA	INDONESIA	800	F.	A3	0.25	"	"	F-EX 106N
	"	"	800	F.	A3	0.25	"	"	F-EX 112N
	"	"	800	F.	A3	0.25	"	"	F-EX 115N

AMENDMENTS

CORRECTIONS

Assigned Frequency Fréquence assignée	Circuit Number N° du circuit	Column Colonne	Instead of : Au lieu de :	Read : Lire :
2408	F-AT Z30	4b & 4c	300 km 300	300 km of PORT-MORESBY
2436	F-AT Z32	4b & 4c	PORT MORSBY 300	300 km of PORT-MORESBY
2528	L-AT Z91	6	A1	A1 A2 A3
3690	F-KT Z03	4a & 4b	TOKYO MANILA	MANILA TOKYO
2040	F-AT Z01A	4a & 4b	ESSENDON MANGALORE HOLBROOK	ESSENDON)(MANGALORE HOLBROOK)(HOLBROOK MANGALORE)(ESSENDON
		4c & 5	180 FIXE(D) 180 FIXE(D)	180 F.
		6 & 8	A3 0.10 A3 0.10	A3 0.10
		10	CONTIN. CONTIN.	CONTIN.
		A & B	AUSTRALIA F-AT Z01A AUSTRALIA F-AT Z01B	AUSTRALIA F-AT Z01N
1610	F-AS 197Z	6	A1 A2	A1 A3
1670	L-AT 113	6	A1	A1 A2 A3
	L-AT 125	6	A3	A1 A2 A3
	L-AT 128	6	A1	A1 A2 A3
	L-AT 135	6	A1	A1 A2 A3
	L-AT 151	6	A1	A1 A2 A3
	L-AT 191	6	A1	A1 A2 A3
1690	F-AS 202Z	6	A2 A3	A1 A2 A3
	F-AT Z06Z	6 & B	F-AT Z06Z	A1 A2 A3 F-AS Z06Z

COMMITTEE 5

This Document contains the amendments submitted by various Delegations up to October 13th, 1949.

It concerns the Provisional Frequency Lists for the bands 1606.25 - 3897.50 kc/s referred to in Documents Nos. 176 - 185 - 188 - 191 - 192 - 193 - 194 - 195 (Alphabetical Indexes).

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 13 octobre 1949, concernant les Listes provisoires des fréquences pour les bandes de 1606.25 - 3897.50 kc/s, auxquelles se réfèrent les documents Nos. 176 - 185 - 188 - 191 - 192 - 193 - 194 et 195 (Index alphabétiques).

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
2180	AUSTRALIA & N. GUINEA		300	M.T.	A1 A2 A3	0.30	CONTIN.	AUSTRALIA	L-AT Z99
2272	BANKSTOWN	WILLIAMSTOWN		F.	A1 A2	0.50	"	"	F-AT 121
2522.5	BELAIT	BRUNEI	230	F.	A1	0.02	0900-1400	NORTH BORNEO	F-BL 362
2527.5	KUALA LUMPUR	SINGAPORE	320	F.	A1 A2	1.30	CONTIN.	MALAYA	F-GN 664
2590	RANAU	JESSELTON	100	F.	A1	0.02	2200-0100	NORTH BORNEO	F-BL 202
2660	HONGKONG	CANTON	100	F.	A1 A2 A3	0.25	1100-2200	HONGKONG	F-FZ 799
2830	MULGOA DIST.N.S.W.		20	M.T.	A3	0.01	INTERM.	AUSTRALIA	L-AT Y39
3160	JESSELTON	LABUAN	300	F.	A1	0.02	(2300-0100 (0900-1300	NORTH BORNEO	F-BL 186
3315	SAMBAS 109E-01N		250	M.M.	A1 A3	0.05	INTERM.	INDONESIA	C-EX 108
	TARAKAN 118E-03N		250	M.M.	A1 A3	0.05	"	"	C-EX 116A
3690	INDONESIA	INDONESIA	800	F.	A3	0.25	CONTIN.	INDONESIA	F-EX 118
	"	"	"	F.	A3	0.25	"	"	F-EX 119
	"	"	"	F.	A3	0.25	"	"	F-EX 120
	"	"	"	F.	A3	0.25	"	"	F-EX 121
	"	"	"	F.	A3	0.25	"	"	F-EX 130
	"	"	"	F.	A3	0.25	"	"	F-EX 126
3735	INDONESIA	INDONESIA	2400	F.	A1 A2 A3	1.00	CONTIN.	INDONESIA	F-EX 509

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
2608	BELAIT	BRUNEI	230	F.	A1	0.02	0900-1400	NORTH BORNEO	F-BL 362
2622.5	RANAU	JESSELTON	100	F.	A1	0.02	2200-0100	NORTH BORNEO	F-BL 202
2717.5	JESSELTON	LABUAN	300	F.	A1	0.02	2300-0100 0900-1300	NORTH BORNEO	F-BL 186
2802.5	HONGKONG	CANTON	100	F.	A1 A2 A3	0.25	1100-2200	HONGKONG	F-FZ 799
3530	KUALA LUMPUR	SINGAPORE	320	F.	A1 A2	1.30	CONTIN.	MALAYA	F-GN 664
3552.5	INDONESIA	INDONESIA	800	F.	A3	0.25	CONTIN.	INDONESIA	F-EX 118
	"	"	800	F.	A3	0.25	"	"	F-EX 119
	"	"	800	F.	A3	0.25	"	"	F-EX 120
	"	"	800	F.	A3	0.25	"	"	F-EX 121N
	"	"	800	F.	A3	0.25	"	"	F-EX 126N
	"	"	800	F.	A3	0.25	"	"	F-EX 130N
3582.5	SAMBAS 109E-01N		250	M.M.	A1 A3	0.05	INTERM.	INDONESIA	C-EX 108
	TARAKAN 118E-03N		250	M.M.	A1 A3	0.05	"	"	C-EX 116A
3595	INDONESIA	INDONESIA	2400	F.	A1 A2 A3	1.00	CONTIN.	INDONESIA	F-EX 509

Administrative Radio Conference
for Region 3
GENEVA, 1949

Region 3 - Document No 200-F
14 October, 1949.

COMMITTEE 5

This Document contains the amendments submitted by various Delegations up to October 14th, 1949.

It concerns the Provisional Frequency Lists for the bands 1606.25 - 3897.50 kc/s referred to in Documents Nos. 176 - 185 - 188 - 191 - 192 - 193 - 194 - 195 (Alphabetical Indexes).

Conférence administrative
des Radiocommunications
pour la Région 3
GENEVE 1949

Région 3 - Document No 200-F
14 octobre 1949

COMMISSION 5

Le présent document contient les amendements présentés par les délégations, à la date du 14 octobre 1949, concernant les Listes provisoires des fréquences pour les bandes de 1606.25 - 3897.50 kc/s, auxquelles se réfèrent les documents Nos. 176 - 185 - 188 - 191 - 192 - 193 - 194 et 195 (Index alphabétiques).

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
1625	CALCUTTA 88E-23N		1000	F.	A3	0.40	INTERM.	INDIA	F-EU 537
2007.5	DIAMOND ISLAND		1000	M.M.	A1 A2 A3	0.06	INTERM.	BURMA	C-BJ 1
2015	NOWGONG 93E-26N		35	M.T.	A1 A3	0.02	CONTIN.	INDIA	L-EU 900
2037.5	RANCHI 85E-23N	EAST AREA	1000	F.	A1 A3	0.10	INTERM.	"	F-EU 589
2167.5	HYDERABAD 78E-17N		760	M.T.	A1 A3	0.02	CONTIN.	"	L-EV 292
2168	SILCHAR 93E-25N)	(KARIMGANJ)							
	KURKURI 85E-22N)	(SILCOORI)							
	SILCOORI 88E-27N)	(KURKURI)	30	F.	A1 A3	0.02	CONTIN.	INDIA	F-EU 224N
	KARIMGANJ 91E-25N)	(SILCHAR)							
2170	AFGHANISTAN	AFGHANISTAN	150	M.T.	A1 A3	0.10	CONTIN.	AFGHANISTAN	L-AC 2N
2187.5	HAZARIBAGH		72	M.T.	A1 A3	0.02	CONTIN.	INDIA	L-EU 935
	KEONJHAR		200	M.T.	A1 A3	0.02	"	"	L-EU 984
	BELLARY 77E-15N		112	M.T.	A1 A3	0.05	"	"	L-EU 887
2190	AFGHANISTAN	AFGHANISTAN	150	M.T.	A1 A3	0.10	CONTIN.	AFGHANISTAN	L-AC 3
2727.5	TEMBURONG	BRUNEI	190	F.	A1	0.02	0900-1400	N. BORNEO	F-BL 361
2755	CEYLON		250	M.M.	A1 A2 A3	0.50	CONTIN.	CEYLON	C-BT 142
2762.5	LABUAN	JESSELTON	200	F.	A1	0.02	(2300-0100 (0900-1300	N. BORNEO	F-BL 193
2767.5	MACAU 114E-22N (	CANTON	140	F.	A1 A2	0.50		MACAU	F-GK Z01A
		TAIPA	5	F.	A1 A2	0.50		MACAU	F-GK Z01B
2820	TANJONGPAGA		300	M.M.	A1	0.10	CONTIN.	MALAYA	C-GN 22
		(NADI		F.	A1	0.10	CONTIN.	TONGA IS.	F-JT 289A
		(SUVA		F.	A1	0.10	"	" "	F-JT 289B
2835	NUKUALOFA 175W-21S (	WELLINGTON		F.	A1	0.10	"	" "	F-JT 289C
		(APIA		F.	A1	0.10	"	" "	F-JT 289D

DELETIONS

SUPPRESSIONS

1	4a	4b	4c	5	6	8	10	A	B
2835	RATMALANA COLOMBO KANKESANTURAI RAMNAD TRICHINOPOLY MADRAS	(COLOMBO) (KANKESANTURAI) (RAMNAD) (RATMALANA) (TRICHINOPOLY) (MADRAS)	700	F.	A1	0.35	1200-0100	CEYLON	F-BT Z01
3165	TARAKAN 117E- 3N JESSELTON	(SINGAPORE) (KUCHING) (LABUAN)	1000 2000 800 300	M.M. F. F. F.	A1 A3 A1 A1 A1	0.25 0.25 0.25 0.25	0900-1200 0900-1200 0900-1200	INDONESIA N. BORNEO N. BORNEO N. BORNEO	C-EX 116B F-BL 191A F-BL 191B F-BL 191C
3172.5	KAGOSHIMA 131E-32N AOMORI 141E-41N	KYUSHU AREA HAKODATE	200 100	F. F.	A1 A1 A2 A3	0.50 0.50	CONTIN. "	JAPAN "	F-FN 47Z F-FN 64Z
3176.25	JAPAN	JAPAN	200	F.	A1	0.05	CONTIN.	JAPAN	F-FN Z02
3180	SAMPIT 113E- 2S SAMARINDA 117E-03S		250 250	M.M. M.M.	A1 A3 A1 A3	0.05 0.05	INTERM. "	INDONESIA "	C-EX 109 C-EX 131
3182.5	JAPAN	JAPAN	200	F.	A1	0.05	CONTIN.	JAPAN	F-FN Z02
3195	BALIKPAPAM 117E-01S		250	M.M.	A1 A3	0.05	INTERM.	INDONESIA	C-EX 130
3197.5	SINGAPORE JESSELTON	INTERIOR SANDAKAN	50 300	F. F.	A1 A1	0.06 0.05	CONTIN. 1300-2200	MALAYA N. BORNEO	F-GN 131 F-BL 205
3200	HONGKONG 114E-22N		300	M.M.	A2	1.00	CONTIN.	HONGKONG	C-FZ 177
3226	JAPAN		500	M.M.	A1 A2	0.50	CONTIN.	JAPAN	C-FN Z48
3241	SINGAPORE	INTERIOR		F.	A3	0.10	INTERM.	MALAYA	F-GN Z16
3274	KAITAK 114E-22N		100	M.A.	A3	0.20	2200-1000	HONGKONG	A-FZ 2
		) LABUAN	300	F.	A3	0.05	(2300-0100	N. BORNEO	(F-BL 195A
		) BRUNEI	300	F.	A3	0.05	(0900-1300	"	(F-BL 195B
		) LAHAD-DATU	300	F.	A3	0.05	"	"	(F-BL 195C
3310	JESSELTON	) SANDAKAN	300	F.	A3	0.05	"	"	(F-BL 195D
		) TAWAU	300	F.	A3	0.05	"	"	(F-BL 195E
		) KUDAT	300	F.	A3	0.05	"	"	(F-BL 195F
3157.5	KURE 133E-34N TOKYO	N.S.JAPANESE COASTAL	500 2000	F. M.M.	A1 A1	0.50 1.00	CONTIN. "	JAPAN "	F-FN 70 C-FN Z06

ADDITIONS

ADJUNCTIONS

1	4a	4b	4c	5	6	8	10	A	B
2012	CALCUTTA 88E-23N		1000	F.	A3	0.40	INTERM.	INDIA	F-EU 537
2020	RANCHI 85E-23N	EAST AREA	1000	F.	A1 A3	0.10	"	"	F-EU 589
2042.5	NOWGONG 93E-26N		35	M.T.	A1 A3	0.02	CONTIN.	"	L-EU 900
2111.25	AFGHANISTAN	AFGHANISTAN	150	M.T.	A1 A3	0.10	CONTIN.	AFGHANISTAN	L-AC 2N
2112.5	HYDERABAD 78E-17N		760	M.T.	A1 A3	0.02	CONTIN.	INDIA	L-EV 292
2122.5	SILCHAR 93E-25N) KURKURI 85E-22N) SILCOORI 88E-27N) KARIMGANJ 91E-25N)	(KARIMGANJ) (SILCOORI) (KURKURI) (SILCHAR)	30	F.	A1 A3	0.02	CONTIN.	INDIA	F-EU 224N
2152.5	BELLARY 77E-15N		112	M.T.	A1 A3	0.05	CONTIN.	INDIA	L-EU 887
2197.5	HAZARIBAGH		72	M.T.	A1 A3	0.02	"	"	L-EU 935
	KEONJHAR		200	M.T.	A1 A3	0.02	"	"	L-EU 984
2208	DIAMOND ISLAND		1000	M.M.	A1 A2 A3	0.06	INTERM.	BURMA	C-BJ 1
2220	AFGHANISTAN	AFGHANISTAN	150	M.T.	A1 A3	0.10	CONTIN.	AFGHANISTAN	L-AC 3N
2555	SINGAPORE	INTERIOR	50	F.	A1	0.06	CONTIN.	MALAYA	F-GN 131
2605	SAMPIT 113E- 2S		250	M.M.	A1 A3	0.05	INTERM.	INDONESIA	C-EX 109
	SAMARINDA 117E-03S		250	M.M.	A1 A3	0.05	"	"	C-EX 131
2625	AOMORI 141E-41N	HAKODATE	100	F.	A1 A2 A3	0.50	CONTIN.	JAPAN	F-FN 642
2685	TEMBURONG	BRUNEI	190	F.	A1	0.02	0900-1400	NORTH BORNEO	F-BL 361
2690	BALIKPAPAM 117E-01S		250	M.M.	A1 A3	0.05	INTERM.	INDONESIA	C-EX 130
2715	INDONESIA	INDONESIA	1000	F.	A1	0.50	CONTIN.	"	F-EX 335
	INDONESIA	INDONESIA	1000	F.	A1	0.50	"	"	F-EX 336
2722.5	TARAKAN 117E- 3N		1000	M.M.	A1 A3	0.25		INDONESIA	C-EX 116B
2760	CEYLON		250	M.M.	A1 A2 A3	0.50	CONTIN.	CEYLON	C-BT 142
277.2	MACAU	(CANTON) (TAIPA)	140 5	F. F.	A1 A2 A1 A2	0.50 0.50		MACAU "	F-GK 201A F-GK 201B
2768	HONGKONG 114E-22N		300	M.M.	A2	1.00	CONTIN.	HONGKONG	C-FZ 177

ADDITIONS

ADJONCTIONS

1	4a	4b	4c	5	6	8	10	A	B
2775	LABUAN	JESSELTON	200	F.	A1	0.02	(2300-0100 (0900-1300	NORTH BORNEO	F-BL 193
2805	TANJONGPAGA		300	M.M.	A1	0.10	CONTIN.	MALAYA	C-GN 22
		(NADI	1000	F.	A1	0.10	CONTIN.	TONGA IS.	) F-JT 289A
		(SUVA	1000	F.	A1	0.10	"	" "	) F-JT 289B
2832	NUKUALOFA 175W-21S	(WELLINGTON	2000	F.	A1	0.10	"	" "	) F-JT 289C
		(APIA	700	F.	A1	0.10	"	" "	) F-JT 289D
2837.5	RATMALANA	) (COLOMBO							
	COLOMBO	) (KANKESANTURAI							
	KANKESANTURAI	) (RAMNAD							
	TRICHINOPOLY	) (RATMALANA	700	F.	A1	0.35	1200-0100	CEYLON	F-BT 201N
	RAMNAD	) (TRICHINOPOLY							
	MADRAS	) (MADRAS							
3157.5	KAGOSHIMA 131E-32N	KYUSHU AREA	200	F.	A1	0.50	CONTIN.	JAPAN	F-FN 47N
3172.5	KURE 133E-34N		500	F.	A1	0.50	"	"	F-FN 70
	TOKYO	N.S.JAPANESE COASTAL	2000	M.M.	A1	1.00	"	"	C-FN 206
3226	JAPAN	JAPAN	200	F.	A1	0.05	"	"	F-FN 202
33230	JAPAN		500	M.M.	A1 A2	0.50	"	"	C-FN 248
3254	JAPAN	JAPAN	200	F.	A1	0.05	"	"	F-FN 202
3377.5	OSAKA 136E-35N	JAPAN	400	F.	A3	0.30	0800-1300	"	F-FN 77
3340	JAPAN		500	M.M.	A1 A2	0.50	CONTIN.	"	C-FN 248
3384	JAPAN		500	M.M.	A1 A2	0.50	"	"	C-FN 248
3562.5	SINGAPORE	INTERIOR		F.	A3	0.05	INTERM.	MALAYA	F-GN 216
3662.5		(LABUAN	300	F.	A3	0.05	(2300-0100	NORTH BORNEO	F-BL 195A
		(BRUNEI	300	F.	A3	0.05	(0900-1300	" "	F-BL 195B
	JESSELTON	(LAHAD-DATU	300	F.	A3	0.05	"	" "	F-BL 195C
		(SANDAKAN	300	F.	A3	0.05	"	" "	F-BL 195D
		(TAWAU	300	F.	A3	0.05	"	" "	F-BL 195E
		(KUDAT	300	F.	A3	0.05	"	" "	F-BL 195F
3550	JESSELTON	SANDAKAN	300	F.	A1	0.05	1300-2200	NORTH BORNEO	F-BL 205