



## **Documents of the Administrative Radio Conference (CAR-59)**

**(Geneva, 1959)**

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## **Documents of the Administrative Radio Conference (Geneva, 1959)**

**The following DT documents are not available:**

- **76 Add 1** (available in Spanish)
- **76** (page 2-31 available in French and Spanish)
- **91** (available in French)
- **96 Add 2**
- **113**
- **132** (available in French and Spanish)
- **169**
- **257**
- **325 Rev Annex 1 (page 2-5)** (available in French and Spanish)
- **325** (available in French and Spanish)
- **339 Rev** (available in French)
- **345**
- **355** (available in French)
- **356** (available in French)
- **362**
- **363**
- **428** (available in French)
- **437**
- **458** (available in French)
- **471**
- **524 Add 1** (available in French and Spanish)
- **559**
- **567 Rev 1** (Rev 2 available in Spanish)
- **567**
- **571**
- **586** (Rev available in Spanish)
- **588**
- **637** (available in French and Spanish)
- **660** (available in Spanish)
- **661**
- **678** (available in French and Spanish)
- **694**
- **763** (available in Spanish)
- **824**
- **834**
- **868 Rev** (available in Spanish)

GENEVE, 1959

Document N° DT 801-FES  
18 novembre 1959

GROUPE DE TRAVAIL 4B  
WORKING GROUP 4B  
GRUPO DE TRABAJO 4B

O R D R E   D E   J O U R

Séance du Groupe de travail 4B (Tableau de répartition de bandes de  
fréquences - 9 à 4 000 kHz)

Jeudi, 19 novembre 1959, à 09.00 heures - Salle B

1. Examen du projet de 5<sup>ème</sup> rapport du Groupe de travail 4B concernant la bande de fréquences 70 - 150 kHz (Document N° DT 793).
2. Divers.

A G E N D A

Meeting of Working Group 4B (Table of Frequency  
Allocations - 9 to 4 000 kc/s)

Thursday, 19 November, 1959, at 9.00 a.m. -Room B

1. Consideration of draft Fifth Report by Working Group 4B frequency bands 70 - 150 kc/s. (Document No. DT 793).
2. Any other business.

O R D E N   D E L   D Í A

Sesión del Grupo de trabajo 4B (Cuadro de distribución  
de frecuencias - 9 a 4 000 kc/s)

Jueves, 19 de noviembre de 1959, a las 9 de la mañana - Sala B

1. Examen del proyecto de 5.º informe del Grupo de trabajo 4B relativo a la banda de frecuencias 70 - 150 kc/s (Documento N.º DT 793).
2. Otros asuntos.

Le Président :  
Chairman : H.L. Sastry  
El Presidente :

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 802-E  
18 November, 1959

COMMITTEE 4

A G E N D A

Twenty-sixth Meeting of Committee 4 (Frequency Allocation).

Thursday, 19 November, 1959 at 1500 hours, Room A.

1. Consideration of outstanding point from Document No. 457  
(Third Report by Working Group 4B)
  - Frequency band 510-535 kc/s (sharing between mobile and  
aeronautical radionavigation services in Region 2).
2. Document No. 476 ( Articles 7 and 9)
3. Consideration of the Third and Final Report by Working Group 4A.  
(Document No. 568).
4. Continuation of consideration of the Report by Working Group 4 Ad Hoc  
on future frequency allocation policy (Document No. 525-Rev).
5. First Report by WG 4D (Document No. 549)
6. Any other business.

Gunnar Pedersen  
Chairman.

COMMITTEE 8

A N N E X

NAMES OF COUNTRIES IN FOOTNOTES TO THE FREQUENCY TABLE

From a hasty study of the Draft and Final Reports available from the Sub-Committees of Committee 4 there appear to be not more than fifty countries named in proposed Footnotes to the Table.

For the very great majority of these the abbreviated name as shown in the Lists attached seems most suitable.

The minority present the greatest difficulty as they are the longest names, usually representing geographically separated territories for which the sense of the footnotes has some significance; for example : The Union of South Africa and the Territories under Mandate of South West Africa.

Fortunately there are not too many footnotes with these countries included. With the agreement of the Delegations or Representatives concerned the following terms are suggested for these and others :

<u>Full or Official Titles</u>	<u>Description for Footnotes</u>
Bielorussian Soviet Socialist Rep. ) Ukraine Soviet Socialist Republic. )	These need not appear separately in any footnote where the U.S.S.R. appears.
Northern Rhodesia and Southern Rhodesia	Rhodesia and Nyasaland.
Singapore/British Borneo Associate Member Group	North Borneo, Brunei, Sarawak, Singapore.
Union of South Africa and Territories of, or under mandate of, South West Africa	Union of S. Africa and Territory of S.W. Africa.
British West Africa	Nigeria, Sierra Leone, Gambia.
British East Africa	Kenya, Tanganyika, Uganda.
Principality of Monaco	Monaco.

FRANÇAIS  
FRENCH  
FRANÇES

ANGLAIS  
ENGLISH  
INGLÈS

ESPAGNOL  
SPANISH  
ESPAÑOL

AFGHANISTAN  
ALBANIE  
ARABIE SAOUDITE  
ARGENTINE  
AUSTRALIE  
AUTRICHE  
BELGIQUE  
BIELORUSSIE  
BIRMANIE  
BOLIVIE  
BRESIL  
BULGARIE  
CAMBODGE  
CANADA  
CEYLAN  
CHILI  
CHINE  
CITE DU VATICAN  
COLOMBIE  
CONGO BELGE  
COREE  
COSTA RICA  
CUBA  
DANEMARK  
DOMINICAINE REP.  
EL SALVADOR  
TERRITOIRES FRANÇAIS  
D'OUTREMER  
EQUATEUR  
ESPAGNE  
ETATS-UNIS D'AMERIQUE

AFGHANISTAN  
ALBANIA  
SAUDI ARABIA  
ARGENTINE  
AUSTRALIA  
AUSTRIA  
BELGIUM  
BIELORUSSIA  
BURMA  
BOLIVIA  
BRAZIL  
BULGARIA  
CAMBODIA  
CANADA  
CEYLON  
CHILE  
CHINA  
VATICAN CITY  
COLOMBIA  
BELGIAN CONGO  
KOREA  
COSTA RICA  
CUBA  
DENMARK  
DOMINICAN REP.  
EL SALVADOR  
FRENCH OVERSEAS  
TERRITORIES  
ECUADOR  
SPAIN  
UNITED STATES OF AMERICA

AFGANISTAN  
ALBANIA  
ARABIA SAUDITA  
ARGENTINA  
AUSTRALIA  
AUSTRIA  
BÉLGICA  
BIELORRUSIA  
BIRMANIA  
BOLIVIA  
BRASIL  
BULGARIA  
CAMBODIA  
CÁNADA  
CEILÁN  
CHILE  
CHINA  
CIUDAD del VATICANO  
COLOMBIA  
CONGO BELGA  
COREA  
COSTA RICA  
CUBA  
DINAMARCA  
REP. DOMINICANA  
EL SALVADOR  
TERRITORIOS FRANCESES DE  
ULTRAMAR  
ECUADOR  
ESPAÑA  
ESTADOS UNIDOS DE AMERICA

FRANÇAIS  
FRENCH  
FRANCES

ANGLAIS  
ENGLISH  
INGLÉS

ESPAGNOL  
SPANISH  
ESPAÑOL

ETHIOPIE  
FINLANDE  
FRANCE  
GHANA  
GRECE  
GUATEMALA  
GUINEE  
HAITI  
HONDURAS  
HONGRIE  
INDE  
INDONESIE  
IRAN  
IRAQ  
IRLANDE  
ISLANDE  
ISRAEL  
ITALIE  
JAPON  
JORDANIE  
KUWAIT  
LAOS  
LIBAN  
LIBERIA  
LIBYE  
LUXEMBOURG  
MALAISIE  
MAROC  
MEXIQUE  
MONACO  
NEPAL

ETHIOPIA  
FINLAND  
FRANCE  
GHANA  
GREECE  
GUATEMALA  
GUINEA  
HAITI  
HONDURAS  
HUNGARY  
INDIA  
INDONESIA  
IRAN  
IRAQ  
IRELAND  
ICELAND  
ISRAEL  
ITALY  
JAPAN  
JORDAN  
KUWAIT  
LAOS  
LEBANON  
LIBERIA  
LIBYA  
LUXEMBOURG  
MALAYA  
MOROCCO  
MEXICO  
MONACO  
NEPAL

ETIOPIA  
FINLANDIA  
FRANCIA  
GHANA  
GRECIA  
GUATEMALA  
GUINEA  
HAITI  
HONDURAS  
HUNGRÍA  
INDIA  
INDONESIA  
IRÁN  
IRAQ  
IRLANDA  
ISLANDIA  
ISRAEL  
ITALIA  
JAPÓN  
JORDANIA  
KUWAIT  
LAOS  
LÍBANO  
LIBERIA  
LIBIA  
LUXEMBURGO  
MALAYA  
MARRUECOS  
MÉXICO  
MÓNACO  
NEPAL

FRANÇAIS  
FRENCH  
FRANÇES

ANGLAIS  
ENGLISH  
INGLÉS

ESPAGNOL  
SPANISH  
ESPAÑOL

NICARAGUA

NICARAGUA

NICARAGUA

NORVEGE

NORWAY

NORUEGA

NOUVELLE-ZELANDE

NEW ZEALAND

NUEVA ZELANDIA

PAKISTAN

PAKISTAN

PAKISTÁN

PANAMA

PANAMA

PANAMÁ

RAGUAY

PARAGUAY

PARAGUAY

PAYS-BAS

NETHERLANDS

PAÍSES BAJOS

PEROU

PERU

PERÚ

PHILIPPINES

PHILIPPINES

FILIPINAS

POLOGNE

POLAND

POLONIA

PORTUGAL

PORTUGAL

PORTUGAL

PROVINCES ESPAGNOLES  
D'AFRIQUE

SPANISH PROVINCES  
IN AFRICA

PROVINCIAS ESPAÑOLAS  
de ÁFRICA

PROVINCES  
D'OUTRE-MER

PORTUGUESE OVERSEAS  
PROVINCES

PROVINCIAS PORTUGUESAS  
de ULTRAMAR

REPUBLIQUE ARABE UNIE

UNITED ARAB REPUBLIC

REP. ÁRABE UNIDA

REP. FED. D'ALLEMAGNE

FED. REP. OF GERMANY

REP. FED. ALEMANIA

YUGOSLAVIE

YUGOSLAVIA

YUGOSLAVIA

UKRAINE

UKRAINE

UCRANIA

RHODESIE ET NYASSALAND

RHODESIA AND NYASALAND

RHODESIA Y NYASALANDIA

ROUMANIE

ROUMANIA

RUMANIA

ROYAUME-UNI

UNITED KINGDOM

REINO UNIDO

SOUDAN

SUDAN

SUDÁN



FRANÇAIS  
FRENCH  
FRANCÉSANGLAIS  
ENGLISH  
INGLESESPAGNOL  
SPANISH  
ESPAÑOL

SUEDE

SWEDEN

SUECIA

SUISSE

SWITZERLAND

SUIZA

TCHECOSLOVAQUIE

CZECHOSLOVAKIA

CHECOESLOVAQUIA

TERRITOIRES DES ETATS-UNIS  
D'AMERIQUE

-

-

TERRITOIRES DU ROYAUME-UNI

U.K. TERRITORIES

TERRITORIOS del REINO UNIDO

THAILANDE

THAILAND

TAILANDIA

TUNISIE

TUNISIA

TÚNEZ

TURQUIE

TURKEY

TURQUIA

U.R.S.S.

U.S.S.R.

U.R.S.S.

URUGUAY

URUGUAY

URUGUAY

VENEZUELA

VENEZUELA

VENEZUELA

VIET-NAM

VIET-NAM

VIET-NAM

YEMEN

YEMEN

YEMEN

SUB-COMMITTEE 7A

A G E N D A

Meeting of Friday, 20 November, 1959, 9 a.m. - Room D

1. Study of proposals concerning Nos. 548 and 549 of the Regulations (Article 24).
2. Approval of the report of Working Group 7A Ad Hoc (Document No. DT 790).
3. Approval of the report of Working Group 7A7 (Document No. DT 735).
4. Approval of the report of Working Group 7A7 (Document No. DT 740).
5. Approval of Document No. 590.
6. Approval of the Summary Record,, Document No. 523.
7. Approval of the Summary Record, Document No. 535.
8. Approval of the Annex to Document No. 523.
9. Approval of any other document distributed in time.
10. Any other business.

P. Bouchier  
Chairman

ADMINISTRATIVE RADIO  
CONFERENCE

GENEVA, 1959

Document No. DT 605-E  
19 November 1959

COMMITTEE 7

PLENARY MEETINGS OF COMMITTEE 7, WEEK ENDING 28 NOVEMBER, 1959

Apart from the meetings scheduled for Tuesday and Wednesday morning Committee 7 will meet in plenary session at the commencement of any Sub-Committee meeting when texts are available for approval. Formal agendas will not be issued for any of these meetings but any Document will be considered that has been available for twentyfour hours.

Acting Chairman

Y. Nomura

GENEVE, 1959

COMMISSION 7  
COMMITTEE 7  
COMISION 7

ORDRE DU JOUR

Seizième séance de la Commission 7 (Exploitation)

Samedi 21 novembre 1959

1. Approbation du Compte rendu de la Treizième séance (Document N° 586).
2. Rapport du Groupe de Travail 7F (Document N° 582).
3. Appendice B (Document N° 577).
4. Divers (y compris les documents qui ont été distribués au cours des dernières vingt-quatre heures)

La séance sera suivie par une réunion de la Sous-Commission 7B.

A G E N D A

Sixteenth Meeting of Committee 7 (Operations Committee)

Saturday, 21 November 1959

1. Approval of Summary Record of Thirteenth Meeting (Document No. 586).
2. Report of Working Group 7F (Document No. 582).
3. Appendix B (Document No. 577).
4. Any other business (including any documents that have been available for 24 hours).

The meeting will be followed by a meeting of Sub-Committee 7B.

ORDEN DEL DÍA

16.<sup>a</sup> sesión de la Comisión 7 (Comisión de explotación)

Sábado, 21 de noviembre 1959

1. Informe de la 13.<sup>a</sup> sesión (Documento N° 586).
2. Informe del Grupo de trabajo 7F (Documento N° 582)
3. Apéndice B. (Documento N° 577).
4. Otros asuntos (comprendidos los documentos que se hayan publicado con 24 horas de antelación).

Después de la sesión se reunirá la Subcomisión 7B.

Le Président:  
The Chairman: Y. Nomura  
El Presidente:

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 807-E  
19 November, 1959

SUB-COMMITTEE 7A

THIRD REPORT  
OF WORKING GROUP 7A7 TO SUB-COMMITTEE 7A

1. Revised texts for paragraphs 460-484 of the Radio Regulations are submitted herewith for consideration by the Sub-Committee.
2. In considering what information should be included in the List of Fixed Stations the Working Group came to the conclusion that this List, to serve a really useful purpose, should contain international circuits only. The consequential changes to RR 449 and 470-bis are contained at the end of the Annex to this Document. The Working Group proposes, therefore, a revision of the decision taken regarding paragraph 449 (see Document No. 499, paragraph 4) and in consequence a modification of paragraph 470-bis (United Kingdom proposal 1490 as adopted).

The Delegation of Canada reserved its right with regard to this decision of the Working Group.

E. Ron

Chairman

Annex: 1

A N N E X

ADDITIONAL TEXTS

- RR 460                    Call signs assigned from the international series to stations included in Lists .....\* are published in two volumes:
1.            List VIII-A\*. Alphabetical List of Call Signs of stations used in the Maritime Mobile Service (Coast, Ship, Radiolocation\* and Special Service Stations).
- This List is preceded by the Table of Allocation of Call signs given in Article 19\* and a Table of Signals characterising the emissions of radio beacons used by the Maritime Mobile Service.
- RR 460-bis            2.            List VIII-B\*. Alphabetical List of Call Signs of stations other than Amateur Stations, Experimental Stations and stations of the Maritime Mobile Service.
- This List is preceded by the Table of Allocation of Call Signs given in Article 19\* and a Table indicating the form of call signs assigned by each Administration to its Amateur and Experimental Stations.
- RR 472                §6.            List IV-A. The List of Coast Stations shall be re-published every three years and kept up-to-date by recapitulative supplements every six months.
- RR 472-bis            The List of Ship Stations shall be re-published every year without supplements.
- RR 474                §8.            List IV-B. The Alphabetical List of Call Signs of stations used in the Maritime Mobile Service (Lists .....\*) shall be re-published every two years and kept up-to-date by recapitulative supplements every three months.
- RR 474-bis            The Alphabetical List of Call Signs of stations other than Amateur Stations, Experimental Stations and stations of the Maritime Mobile Service (Lists .....\*) shall be re-published at intervals determined by the Secretary-General, and kept up-to-date by recapitulative supplements every three months.
- RR 477                (2)            In the service documents the names of coast, radio direction-finding and radiobeacon stations are followed by the words:
- RR 478                - RADIO for coast stations;
- RR 479                - GONIO for maritime radio direction-finding stations;
- RR 480                - PHARE for maritime radiobeacon stations;

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\* To be treated by Committee 8.

RR 481 )  
RR 482 ) to be deleted

RR 483 - AEROPHARE for aeronautical radiobeacon stations,

RR 484 For the purpose of the service documents a country shall be understood to mean the territory within the limits of which the station is located; /an overseas territory, a territory under suzerainty or mandate or a protectorate/\* shall also be considered as a country for this purpose.

\*

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RR 449 (II)\* List II. List of Fixed Stations operating international circuits (the frequencies of which are shown in List I\*).

RR 470-bis The List of Fixed Stations operating international circuits ....  
(the rest as adopted in the modified United Kingdom proposal No. 1490).

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\* to be treated by Committee 8

SUB-COMMITTEE 7A

FIFTH AND FINAL REPORT

by Working Group 7A4 to Sub-Committee 7A

1. This report gives the results of Sub-Committee 7A's work on:
  - a) bringing up to date the names of all the countries appearing in the Table of Allocation of Call Signs, as proposed in Note No. 1408 by the Secretary-General (pages 336 and 337 Rev. 1 of the Collection of Proposals);
  - b) examining requests for allocation of new series of call signs made in the form of Proposals to the Conference;
  - c) inserting a new number in the Radio Regulations, following the Table of Allocation of Call Signs under No. 419, § 4 and incorporating the provisions of Resolution No. 151 of the Administrative Council which authorized the Secretary-General until the present Conference to make provisional allocation of call signs requested to meet new needs.
2. The Working Group examined Item a) above at its ninth meeting on 10 November. Annex 1 gives the complete list of all call signs, amended in accordance with their present allocation and the designation of the countries, territories or international organizations using them.

During the discussion, the Delegation of the U.S.S.R. asked for the following alterations to be made in the Table:

Country	Call sign	New designation of country
Estonia	ESA-ESZ	Estonian Soviet Socialist Republic
Lithuania	LYA-LYZ	Lithuanian Soviet Socialist Republic
Latvia	YLA-YLZ	Latvian Soviet Socialist Republic



The Delegate of Indonesia requested that the report mention the statement by the Delegation of his country at the fourth Plenary Meeting regarding the inclusion of New Guinea under the title of "Netherlands" in I.T.U. documents.

The Delegate of the Netherlands referred the previous speaker to the reply already given by the Delegation of his country, as reproduced in the summary record of the same meeting.

At the beginning of the tenth meeting, Annex 1 was distributed as a Working Document, for consideration of proposed modifications to the Table, concerning the designation of countries and of international organizations opposite each series of call signs.

After this second reading, the Delegate of the United States expressed certain doubts in connection with the Proposal of the U.S.S.R. and requested that this report mention his intention to expatiate thereon when the Proposal came up for examination by Sub-Committee 7A.

In view of the fact that some series are allocated to international organizations, the Working Group agreed on the following amendments:

- a) to replace "Country" by "Allocated to" at the head of the relevant column of the Table;
- b) to put an asterisk before series of call signs allocated to international organizations;
- c) to add a new section to No. 419 which would read as proposed in Annex 3.

3. At its ninth meeting, the Working Group examined requests for allocations made in the form of Proposals to the Conference.

An Ad Hoc Group consisting of Mr Keith of the Australian Delegation and Mr. J.A. Kunz of the Secretariat had previously considered every request, together with a Delegate of the country concerned in the light of the use made of call signs already allocated to that country and of new requirements to be met.

As a result of these deliberations, the series to be allocated were reduced to 58. With the present method of formation of call signs, there would thus remain 51 series available to meet requests submitted to the Secretary-General between now and the next Conference.

In this connection, I am most pleased to put on record the spirit of understanding shown by the Delegations concerned in proposing or agreeing to cut down their original requests.

At its tenth meeting, the Working Group ratified the Proposals submitted to it by Mr. Kunz and the Chairman, who had been instructed to work out which series should be allocated to each of the requesting countries.

Annex 1 is drawn up in the alphabetical order of call signs and constitutes the draft Table to be inserted under No. 419. It also includes the new series of call signs allocated.

In response to a wish expressed by several Delegations, the Secretariat has prepared a Table of Allocation in alphabetical order of countries' names, showing the number of series allocated to each country. The Table is reproduced as Annex 2.

4. There being no such provision in the Radio Regulations, the Administrative Council had adopted Resolution No. 151 (modified) which gave the Secretary-General authority until the present Conference provisionally to deal with questions concerning call signs, subject to confirmation by the next conference.

So that the Secretary-General may subsequently satisfy requests for the allocation of new series submitted to him between two Administrative conferences, the Working Group proposes that a new number be inserted after the Table, incorporating the provisions of the Resolution mentioned.

The text adopted for that number is reproduced as Annex 3.

5. In connection with the work of Ad Hoc Group 7A, Working Group 7A4 also considered what alteration should be made in the wording of all the numbers making up Article 19, if one of the temporary arrangements suggested by Ad Hoc Group 7A is adopted, concerning the formation of new series of call signs.

The solution would be to use some figure other than 0 or 1 to replace the second letter of certain series of call signs identifying countries.

The adoption of this measure would mean that only No. 420 would have to be amended and a proposed new wording is given in Annex 3.

M. Sannier  
Chairman

A N N E X 1

TABLE OF ALLOCATION OF CALL SIGNS

(Art. 19 of the Radio Regulations annexed to the  
International Telecommunication Convention)

Call signs	Allocated to:
AAA-AIZ	United States of America
AMA-AOZ	Spain
APA-ASZ	Pakistan
ATA-AWZ	India (Republic of)
AXA-AXZ	Australia (Commonwealth of)
AYA-AZZ	Argentine (Republic)
BAA-BZZ	China
CAA-CEZ	Chile
CFA-CKZ	Canada
CLA-CMZ	Cuba
CNA-CNZ	Morocco (Kingdom of)
COA-COZ	Cuba
CPA-CPZ	Bolivia
CQA-CRZ	Portuguese Oversea Provinces
CSA-CUZ	Portugal

Call signs	Allocated to:
CVA-CXZ	Uruguay (Oriental Republic of)
CYA-CZZ	Canada
DAA-DTZ *)	Germany
DUA-DZZ	Philippines (Republic of the)
EAA-EHZ	Spain
EIA-EJZ	Ireland
EKA-EKZ	Union of Soviet Socialist Republics
EIA-ELZ	Liberia
EMA-EOZ	Union of Soviet Socialist Republics
EPA-EQZ	Iran
ERA-ERZ	Union of Soviet Socialist Republics
ESA-ESZ *)	Estonian Soviet Socialist Republic
ETA-ETZ	Ethiopia
EUA-EWZ	Bielorussian Soviet Socialist Republic
EXA-EZZ	Union of Soviet Socialist Republics
FAA-FZZ	France and Group of the different States and Territories represented by the French Overseas Postal and Telecommunication Agency.
GAA-GZZ	United Kingdom of Great Britain and Northern Ireland
HAA-HAZ	Hungarian People's Republic
HBA-HBZ	Switzerland (Confederation)
HCA-HDZ	Ecuador

\*) To be eventually modified according to decision taken in Committee 7

Call signs	Allocated to:
HEA-HEZ	Switzerland (Confederation)
HFA-HFZ	Poland (People's Republic of)
HGA-HGZ	Hungarian People's Republic
HHA-HHZ	Haiti (Republic of)
HIA-HIZ	Dominican Republic
HJA-HKZ	Colombia (Republic of)
HLA-HMZ	Korea (Republic of)
HNA-HNZ	Iraq (Republic of)
HOA-HPZ	Panama (Republic of)
HQA-HRZ	Honduras (Republic of)
HSA-HSZ	Thailand
HTA-HTZ	Nicaragua
HUA-HUZ	El Salvador (Republic of)
HVA-HVZ	Vatican City State
HWA-HYZ	France and Group of the different States and Territories represented by the French Overseas Postal and Telecommunication Agency
HZA-HZZ	Saudi Arabia (Kingdom of)
IAA-IZZ	Italy and Territories under mandate of U.N.O.
JAA-JSZ	Japan
JTA-JVZ	Mongolian People's Republic
JWA-JXZ	Norway
JYA-JYZ	Jordan (Hashemite Kingdom of)
JZA-JZZ	Netherlands New Guinea
KAA-KZZ	United States of America
LAA-LNZ	Norway
LOA-LWZ	Argentine Republic

Call signs	Allocated to:
LXA-LXZ	Luxembourg
LYA-LYZ *)	Lithuanian Soviet Socialist Republic
LZA-LZZ	Bulgaria (People's Republic of)
MAA-MZZ	United Kingdom of Great Britain and Northern Ireland
NAA-NZZ	United States of America
OAA-OCZ	Peru
ODA-ODZ	Lebanon
OEA-OEZ	Austria
OFA-OJZ	Finland
OKA-OMZ	Czechoslovakia
ONA-OTZ	Belgium
OUA-OZZ	Denmark
PAA-PIZ	Netherlands
PJA-PJZ	Netherlands Antilles
PKA-POZ	Indonesia (Republic of)
PPA-PYZ	Brazil
PZA-PZZ	Surinam
QAA-QZZ	(Service abbreviations)
RAA-RZZ	Union of Soviet Socialist Republics
SAA-SMZ	Sweden
SNA-SRZ	Poland (People's Republic of)
SSA-SSM	United Arab Republic (Egyptian Region)
SSN-STZ	Sudan (Republic of the)
SUA-SUZ	United Arab Republic (Egyptian Region)
SVA-SZZ	Greece

\*)

To be eventually modified according to decision taken in Committee 7

Call signs	Allocated to:
TAA-TCZ	Turkey
TDA-TDZ	Guatemala
TEA-TEZ	Costa Rica
TFA-TFZ	Iceland
TGA-TGZ	Guatemala
THA-THZ	France and Group of the different States and Territories represented by the French Overseas Postal and Telecommunication Agency
TIA-TIZ	Costa Rica
TJA-TRZ	France and Group of the different States and Territories represented by the French Overseas Postal and Telecommunication Agency
TSA-TSM	Tunisia
TSN-TZZ	France and Group of the different States and Territories represented by the French Overseas Postal and Telecommunication Agency
UAA-UQZ	Union of Soviet Socialist Republics
URA-UTZ	Ukrainian Soviet Socialist Republic
UUA-UZZ	Union of Soviet Socialist Republics
VAA-VGZ	Canada
VHA-VNZ	Australia (Commonwealth of)
VOA-VOZ	Canada
VPA-VSZ	Overseas Territories for the international relations of which the government of the United Kingdom of Great Britain and Northern Ireland are responsible.
VT A-VWZ	India (Republic of)

Call signs	Allocated :
VXA-VYZ	Canada
VZA-VZZ	Australia (Commonwealth of)
WAA-WZZ	United States of America
XAA-XIZ	Mexico
XJA-XOZ	Canada
XPA-XPZ	Denmark
XQA-XRZ	Chile
XSA-XSZ	China
XTA-XTZ	France and Group of the different States and Territories represented by the French Overseas Postal and Telecommunication Agency
XUA-XUZ	Cambodia (Kingdom of)
XVA-XVZ	Viet-Nam (Republic of)
XWA-XWZ	Laos (Kingdom of)
XXA-XXZ	Portuguese Oversea Provinces
XYA-XZZ	Burma (Union of)
YAA-YAZ	Afghanistan
YBA-YHZ	Indonesia (Republic of)
YIA-YIZ	Iraq (Republic of)
YJA-YJZ	New Hebrides (Anglo-French Condominium)
YKA-YKZ	United Arab Republic (Syrian Region)
YLA-YLZ *)	Latvian Soviet Socialist Republic
YMA-YMZ	Turkey
YNA-YNZ	Nicaragua
YOA-YRZ	Roumanian People's Republic
YSA-YSZ	El Salvador (Republic of)

\*) To be eventually modified according to decision taken in Committee 7



Call signs	Allocated to:
YTA-YUZ	Yugoslavia (Federal Republic of)
YVA-YYZ	Venezuela (Republic of)
YZA-YZZ	Yugoslavia (Federal Republic of)
ZAA-ZAZ	Albania (People's Republic of)
ZBA-ZJZ	Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible.
ZKA-ZMZ	New Zealand
ZNA-ZOZ	Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible.
ZPA-ZPZ	Paraguay
ZQA-ZQZ	Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible
ZRA-ZUZ	Union of South Africa and Territory of South West Africa
ZVA-ZZZ	Brazil
2AA-2ZZ	United Kingdom of Great Britain and Northern Ireland
3AA-3AZ	Monaco
3BA-3FZ	Canada
3GA-3GZ	Chile

Call signs	Allocated to:
3HA-3UZ	China
3VA-3VZ	Tunisia
3WA-3WZ	Viet-Nam (Republic of)
3XA-3XZ	Guinea (Republic of)
3YA-3YZ	Norway
3ZA-3ZZ	Poland (People's Republic of)
4AA-4CZ	Mexico
4DA-4IZ	Philippines (Republic of the)
4JA-4LZ	Union of Soviet Socialist Republics
4MA-4MZ	Venezuela (Republic of)
4NA-4OZ	Yugoslavia (Federal People's Republic of)
4PA-4SZ	Ceylon
4TA-4TZ	Peru
4UA-4UZ *)	United Nations
4VA-4VZ	Haiti (Republic of)
4WA-4WZ	Yemen
4XA-4XZ	Israel (State of)
4YA-4YZ *)	International Civil Aviation Organization (I.C.A.O.)
4ZA-4ZZ	Israel (State of)
5AA-5AZ	Libya (United Kingdom of)
5BA-5BZ	(Not allocated)
5CA-5GZ	Morocco (Kingdom of)
5HA-5IA	(Not allocated)
5JA-5KZ	Colombia (Republic of)
5LA-5MZ	Liberia

\*) To be eventually modified according to decision taken in Committee 7

Call signs	Allocated to:
5NA-5OZ	(Not allocated)
5PA-5QZ	Denmark
5RA-5VZ	France and Group of the different States and Territories represented by the French Overseas Postal and Telecommunication Agency
5WA-5XZ	Saudi Arabia (Kingdom of)
5YA-5ZZ	(Not allocated)
6AA-6BZ	United Arab Republic (Egyptian Region)
6CA-6CZ	United Arab Republic (Syrian Region)
6DA-6JZ	(Not allocated)
6KA-6NZ	Korea (Republic of)
6OA-6OZ	(Not allocated)
6PA-6SZ	Pakistan
6TA-6UZ	Sudan (Republic of)
6VA-6ZZ	(Not allocated)
7AA-7IZ	Indonesia (Republic of)
7JA-7NZ	Japan
7OA-7RZ	(Not allocated)
7SA-7SZ	Sweden
7TA-7ZZ	(Not allocated)
8AA-8IZ	Indonesia (Republic of)
8JA-8NZ	Japan
8OA-8RZ	(Not allocated)
8SA-8SZ	Sweden

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Call signs	Allocated to:
8TA-8ZZ	(Not allocated)
9AA-9AZ	San Marino (Republic of)
9BA-9DZ	Iran
9EA-9FZ	Ethiopia
9GA-9GZ	Ghana
9HA-9JZ	(Not allocated)
9KA-9KZ	Kuwait
9LA-9LZ	(Not allocated)
9MA-9MZ	Malaya (Federation of)
9NA-9NZ	Nepal
9OA-9UZ	Belgian Congo and Territory of Ruanda-Urundi
9YA-9ZZ	(Not allocated)

A N N E X 2

TABLE OF ALLOCATION OF CALL SIGNS  
BY ALPHABETICAL ORDER OF THE NAMES OF THE COUNTRIES

Country	Call signs	Number of series
Afghanistan.....	YAA-YAZ	1
Albania.....	ZAA-ZAZ	1
Argentine Republic.....	AYA-AZZ } LOA-LWZ }	11
Australia (Commonwealth of).....	AXA-AXZ } VHA-VNZ } VZA-VZZ }	9
Austria.....	OEA-OEZ	1
Belgian Congo and Territory of Ruanda-Urundi.....	90A-9UZ	7
Belgium.....	ONA-OTZ	7
Bielorussian Soviet Socialist Republic.....	EUA-EWZ	3
Bolivia.....	CPA-CPZ	1
Brazil.....	PPA-PYZ } ZVA-ZZZ }	15
Bulgaria (People's Republic of)...	LZA-LZZ	1

Country	Call signs	Number of series
Burma (Union of).....	XYA-XZZ	2
Cambodia.....	XUA-XUZ	1
Canada .....	CFA-CKZ ) CYA-CZZ ) VAA-VGZ ) VOA-VOZ ) VXA-VYZ ) XJA-XOZ ) 3BA-3FZ )	29
Ceylon.....	4PA-4SZ	4
Chile.....	CAA-CEZ ) XQA-XRZ ) 3GA-3GZ )	8
China.....	BAA-BZZ ) XSA-XSZ ) 3HA-3UZ )	41
Colombia (Republic of).....	HJA-HKZ ) 5JA-5KZ )	4
Costa Rica.....	TEA-TEZ ) TIA-TIZ )	2
Cuba.....	CLA-CMZ ) COA-COZ )	3
Czechoslovakia.....	OKA-OMZ	3
Denmark.....	OUA-OZZ ) XPA-XPZ ) 5PA-5QZ )	9
Dominican Republic.....	HIA-HIZ	1
Ecuador.....	HCA-HDZ	2
El Salvador (Republic of).....	HUA-HUZ ) YSA-YSZ )	2
Estonia *) .....	ESA-ESZ	1

\*) To be eventually modified according to decisions taken in Committee 7

Country	Call signs	Number of series
Ethiopia.....	ETA-ETZ } 9EA-9FZ }	3
Finland.....	OFA-OJZ	5
France and Group of the different States and Territories represented by the French Overseas Postal and Tele- communication Agency.....	FAA-FZZ } HWA-HYZ } THA-THZ } TJA-TRZ } TSN-TZZ } XTA-XTZ } 5RA-5VZ }	52 $\frac{1}{2}$
Germany *). ....	DAA-DTZ	20
Ghana.....	9GA-9GZ	1
Greece.....	SVA-SZZ	5
Guatemala.....	TDA-TDZ } TGA-TGZ }	2
Guinea (Republic of).....	3XA-3XZ	1
Haiti (Republic of).....	HHA-HHZ } 4VA-4VZ }	2
Honduras (Republic of).....	HQA-HRZ	2
Hungarian People's Republic.....	HAA-HAZ } HGA-HGZ }	2
Iceland.....	TFA-TFZ	1
India.....	ATA-AWZ } VTA-VWZ }	8
Indonesia (Republic of).....	PKA-POZ } YBA-YHZ } 7AA-7IZ } 8AA-8IZ }	30

\*) To be eventually modified according to decision taken in Committee 7

Country	Call signs	Number of series
International Civil Aviation Organization (I.C.A.O) *).....	4YA-4YZ	1
Iran.....	EPA-EQZ } 9BA-9DZ }	5
Iraq.....	HNA-HNZ } YIA-YIZ }	2
Ireland.....	EIA-EJZ	2
Israel (State of).....	4XA-4XZ } 4ZA-4ZZ }	2
Italy.....	IAA-IZZ	26
Japan.....	JAA-JSZ } 7JA-7NZ } 8JA-8NZ }	20
Jordan.....	JYA-JYZ	1
Korea.....	HLA-HMZ } 6KA-6NZ }	6
Kuwait.....	9KA-9KZ	1
Laos.....	XWA-XWZ	1
Latvia *).....	YLA-YLZ	1
Lebanon.....	ODA-ODZ	1
Liberia.....	ELA-ELZ } 5LA-5MZ }	3
Libya.....	5AA-5AZ	1
Lithuania *) .....	LYA-LYZ	1
Luxembourg.....	LXA-LXZ	1
Malaya. (Federation of).....	9MA-9MZ	1

\*) To be eventually modified according to decision taken in Committee 7



Country	Call signs	Number of series
Mexico .....	XAA-XIZ } 4AA-4CZ }	12
Monaco.....	3AA-3AZ	1
Mongolian People's Republic.....	JTA-JVZ	3
Morocco .....	CNA-CNZ } 5CA-5GZ }	6
Nepal .....	9NA-9NZ	1
Netherlands .....	PAA-PIZ	9
Netherlands Antilles .....	PJA-PJZ	1
Netherlands New Guinea .....	JZA-JZZ	1
New Hebrides (Anglo-French Condominium) .....	YJA-YJZ	1
New Zealand .....	ZKA-ZNZ	3
Nicaragua .....	HTA-HTZ } YNA-YNZ }	2
Norway .....	JWA-JXZ } LAA-LNZ } 3YA-3YZ }	17
Overseas territories for the int- ernational relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible..	VPA-VSZ } ZBA-ZJZ } ZNA-ZOZ } ZQA-ZQZ }	16
Pakistan.....	APA-ASZ } 6PA-6SZ }	8
Panama (Republic of) .....	HOA-HPZ	2
Paraguay .....	ZPA-ZPZ	1
Peru .....	OAA-OCZ } 4TA-4TZ }	4
Philippines (Republic of the) .....	DUA-DZZ } 4DA-4IZ }	11

Country	Call signs	Number of series
Poland (People's Republic of).....	HFA-HFZ } SNA-SRZ } 3ZA-3ZZ }	7
Portugal.....	CSA-CUZ	3
Portuguese Oversea Provinces.....	CQA-CRZ } XXA-XXZ }	3
Roumanian People's Republic.....	YOA-YRZ	
San-Marino.....	9AA-9AZ	1
Saudi Arabia.....	HZA-HZZ } 5WA-5XZ }	3
Service abbreviations.....	QAA-QZZ	
Spain.....	AMA-AOZ } EAA-EHZ }	11
Sudan.....	SSN-STZ } 6TA-6UZ }	3½
Surinam.....	PZA-PZZ	1
Sweden.....	SAA-SMZ } 7SA-7SZ } 8SA-8SZ }	15
Switzerland.....	HBA-HBZ } HEA-HEZ }	2
Thailand.....	HSA-HSZ	1
Tunisia.....	TSA-TSM } 3VA-3VZ }	1½
Turkey.....	TAA-TCZ } YMA-YMZ }	4
Ukrainian Soviet Socialist Republic..	URA-UTZ	3
Union of South Africa and Territory of South-West Africa.....	ZRA -ZUZ	4

Country	Call signs	Number of series
Union of Soviet Socialist Repu- blicas.....	EKA-EKZ ) EMA-EOZ ) ERA-ERZ ) EXA-EZZ ) RAA-RZZ ) UAA-UQZ ) UUA-UZZ ) 4JA-4LZ )	60
(United Arab Republic (Egyptian Region).....	SSA-SSM ) SUA-SUZ ) 6AA-6BZ )	3 $\frac{1}{2}$
(Syrian Region).....	YKA-YKZ ) 6CA-6CZ )	2
United Kingdom of Great Britain and Northern Ireland.....	GAA-GZZ ) MAA-MZZ ) 2AA-2ZZ )	78
United Nations *).....	4UA-4UZ	1
United States of America.....	AAA-ALZ ) KAA-KZZ ) NAA-NZZ ) WAA-WZZ )	90
Uruguay.....	CVA-CXZ	3
Vatican City State.....	HVA-HVZ	1
Venezuela.....	YVA-YYZ ) 4MA-4MZ )	5
Viet-Nam.....	XVA-XVZ ) 3WA-3WZ )	2
Yemen.....	4WA-4WZ	1
Yugoslavia.....	YTA-YUZ ) YZA-YZZ ) 4NA-4OZ )	5

\*) To be eventually modified according to decision taken in Committee 7

Country	Call signs	Number of series
(Not allocated.....	5BA-5BZ 5HA-5LA 5NA-5OZ 5YA-5ZZ 6DA-6JZ 6OA-6OZ 6VA-6ZZ 7OA-7RZ 7TA-7ZZ 8OA-8RZ 8TA-8ZZ 9HA-9JZ 9LA-9LZ 9VA-9ZZ	51

A N N E X 3

NOC Section II. Allocation of Inter-  
national Series.

419 NOC §44 The first character or the  
first two characters of the call signs  
given in the following table show the  
nationality of the stations.

ADD The first two characters of  
series of call signs preceded by an  
asterisk indicate the international  
organization to which they are  
allocated.

Proposal of Working Group 7A4  
to add to No. 419 a second  
paragraph distinguishing series  
of call signs allocated to  
international organizations.

419a ADD § 4a Between two administrative  
radio conferences, the Secretary-  
General is authorized to deal with  
questions relating to changes in the  
allocation of series of call signs, on  
a provisional basis and subject to con-  
firmation by the following conference.

Proposal by the Group for  
insertion in the RR, after the  
Table of Allocation, of a new  
text incorporating the provi-  
sions of Resolution No. 151 of  
the A.C. authorizing the  
Secretary-General to satisfy  
requests for series of call  
signs made between conferences.

420 MOD § 5        Call signs in the international series are formed as stated below. It is understood, however, that in accordance with the table in 419, the first or the second letter in certain series is replaced by a digit:

Draft amendment to No. 420, should the provisional arrangement proposed by Ad Hoc Group 7A be adopted.

COMMITTEE 4

A G E N D A

Twenty-seventh Meeting of Committee 4 (Frequency Allocation).

Saturday, 21 November 1959 at 0900-1030 hours, Room A,  
and, if necessary, at 1500 hours, Room A.

1. Summary Records:

- a) 22nd. Meeting - Document No. 564
- b) 23rd. Meeting - Document No. 579
- c) 24th. Meeting - Document No. 592

2. Consideration of outstanding point from Document No. 457  
(Third Report by Working Group 4B)

Report by WG 4 Ad Hoc - Region 2 (if available)

- Frequency band 510-535 kc/s (sharing between mobile and aeronautical radionavigation services in Region 2).

3. Consideration of the Fifth (and Final) Report by Working Group 4B.  
- Frequency bands 70-150 kc/s - (Document No. 599).

4. Consideration of the Report by Working Group 4G - Frequency bands  
10,500-40,000 Mc/s

- Document No. 499-E (Rev.) - together with the Supplementary Report by Working Group 4G, (Document No. 595)

5. Consideration of proposal 4883 by the Federal Republic of Germany -  
Frequency requirements by the International Red Cross (Document No. 26)

6. Report by Working Group 4 Ad Hoc on the Panel (if available).

7. Any other business.

Gunnar Pedersen  
Chairman

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 810-E  
ADDENDUM No. 1  
25 November, 1959

WORKING GROUP 5A

ARTICLE 18

Sub-Working Group 5A1 has no objection to make with regard to the following draft wording suggested by Committee 6 for No. 407a (revision of Document No. 429, Annex 2).

407a        ADD                    Results of measurements forwarded to the I.F.R.B. or to other Administrations should be as contained in Appendix ....., particular attention being paid to the estimated accuracy at the time the measurements were made.



WORKING GROUP 5A

ARTICLE 18

Sub-Working Group 5A1 recommends that No. 409b of Article 18, published in Annex 2 to Document No. 429, be drafted in the following manner:

\* 409b     ADD

To ensure that published monitoring data are current and world-wide in nature, administrations having jurisdiction over monitoring stations listed in the List of International Monitoring Stations (see Article 20) shall make every effort as practicable, to arrange for monitoring observations to be made by such stations and submitted to the International Frequency Registration Board as soon as possible after the date of observation. For this purpose the Board, in cooperation with the Administrations concerned, shall prepare appropriate monitoring schedules to coordinate, as far as practicable, monitoring in the frequency range 10 kc/s - 27 500 kc/s.

SUB-COMMITTEE 7A

FOURTH REPORT

Working Group 7A7 to Sub-Committee 7A

The following Annexes are submitted for consideration by Sub-Committee 7A :

1. Annex 1 containing new paragraphs RR 464-bis\* and RR 474-ter\* regarding a new List named List of Monitoring Stations as proposed in Document No. 578 to be inserted in Article 20 ;
2. Annex 2 containing following Lists of Appendix 6 :
  - a) List of Fixed Stations operating international circuits
  - b) List of Coast Stations
  - c) List of Ship Stations
  - d) List of (Radiolocation)\* and Special Service Stations
  - e) List of Monitoring Stations and
  - f) General Radio Communication Statistics.
3. The Delegation of France made a reservation concerning the non-publication of particulars of Loran and Radar stations in the List of Radiolocation and Special Service Stations (see Annex 3).
4. Members of the Working Group pointed to certain difficulties arising from the fact that stations of the United States of America are listed by individual states. The Group felt that the Lists were easier to consult if the stations could be arranged without internal sub-division.

E. Ron  
Chairman

Annexes : 3

A N N E X 1

CHAPTER VIII

Article 20

RR 464-bis\*      List IX\* International Monitoring stations

This list shall contain in tabulated form particulars of monitoring stations participating in the international monitoring system.

RR 474-ter\*      The list of international monitoring stations shall be published at intervals to be determined by the Secretary-General. It shall be kept up to date by the publication of recapitulative supplements.

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NOTE :      In accordance with Document No. 578.

A N N E X 2

APPENDIX 6

Service Documents

(See Articles 10, 11, and 20)\*

List II\* List of Fixed Stations operating international circuits.

(Fixed stations shown in List I\*).

(Names of countries arranged in alphabetical order of abbreviations.

(Names of stations in alphabetical order.

Assigned Frequency (kc/s or Mc/s)	Call sign	Circuits			Class of station and nature of service	Class and bandwidth of emission	Description of transmission	Power in kW	Radiation Characteristics 3)			Maximum schedule of use in G.M.T.	Operating Administration or Company 3)	Postal and telegraphic address of centralizing office responsible for control of station (see art. 14) 2)	Remarks
		Name, geographical position 1) of transmitting station and indication of country to which the station belongs	Locality or area(s) with which it is intended to establish communication	Length of circuit (kms)					Azimuth of maximum radiation of antenna, in degrees (clockwise) from true north.	Angular width of main lobe in the horizontal plane, in degrees	Gain of the antenna in decibels (db) in direction of maximum radiation at the assigned frequency				
1	2	3a	3b	3c	4	5	6	7	8a	8b	8c	9	10	11	12

- 1) In degrees and minutes (Meridian of Greenwich)
- 2) Column 10 and 11 will contain only reference numbers to lists to be printed in the front of the volume.
- 3) See Appendix 1

List IV-A\*. List of Coast Stations

Part A. Alphabetical index of coast stations

Name of the station	Call sign	See part B, page
1	2	3

Part B. Particulars of coast stations

(Names of the countries arranged in alphabetical order of abbreviations,  
(Names of stations in alphabetical order.

Name of the station 4) 8)	Call Sign	Emission			Service		Charges 5) 6)	Exact geographical position of the transmitting antenna 2)	Remarks 7)
		1) Frequencies kc/s or Mc/s	Class	3) Power kW	Nature	Hours of service (G.M.T.)			
1	2	3	4	5	6	7	8	9	10

- 1) The normal working frequency is printed in heavy type. In the case of duplex telephony, frequencies used for transmission and reception are indicated in conformity with 810.
- 2) Meridian of Greenwich in degrees, minutes and seconds.
- 3) In the case of directive antennae, indicate under the power, the azimuth of the direction or directions of maximum gain, in degrees, beginning from true north clockwise.
- 4) Indicate if radar service provided.
- 5) The internal telegraph charge of the country to which the coast station is subject and the charge applied by this country to telegrams destined for adjacent countries are given at the end of the present List.
- 6) If the accounts for charges are settled by a private enterprise, the name and address of such private enterprise should be stated, if necessary.
- 7) Special information concerning the times for calling, for the transmission of traffic lists, and the times during which the coast station keeps watch on the various frequencies, etc.
8. There must be indicated, for each country, the coast station or coast stations to which radiotelegrams intended for high frequency transmission to ship stations must be sent.

List IV - B.\* List of Ship Stations

Particulars of Ship Stations

The information concerning these stations is published in two or three lines in the following order:

1st line:

- call sign, name of the ship in alphabetical order, irrespective of nationality, followed by the call sign in the case of duplication of names; in that case, the name and the call sign are separated by a fraction bar; then the service symbols (see Appendix 7);
- nature of service;
- hours of service in the form of a symbol or a reference.

Times indicated otherwise than by a symbol must be given in Greenwich Mean Time (G.M.T.).

2nd and 3rd lines:

- below the call sign is shown the ships' charge for radiotelegrams and, if appropriate, the basic ship charge for a radiotelephone call of three minutes, followed by a note to indicate the Administration or the private enterprise to which the charges must be addressed. In case of a change of address of the operating authority, a second note after the charge gives the new address and the date from which the change will take effect;
- when two or more ships of the same nationality bear the same name, and also where the accounts for the charges must be sent directly to the owner of the ship, the name of the shipping line or of the firm to whom the ship belongs is given by means of a note;

- the country to which the station is subject (abbreviated indication);
- the bands of frequencies and the classes of emission are indicated by means of the following abbreviations printed in heavy type:

**Radiotelegraphy:**

**s** = 110 - 150 kc/s

**t** = 405 - 535 kc/s

**u** = 1 605 - 3 800 kc/s

**w** = 4 000 -23 000 kc/s

**Radiotelephony :**

**v** = 1 605 - 4 000 kc/s

**x** = 4 000 -23 000 kc/s

**y** = 156 - 162 Mc/s

These abbreviations are printed at the foot of every second page of the List.

These abbreviations are, if necessary, followed by references to brief notes of special information which appear at the end of the List.

List (VI and VII)\*. List of (Radiolocation)\* and Special Service Stations

Part A. Alphabetical index of stations

Name of the station	Call sign	Nature of the station	See Part B, page
1	2	3	4

Part B. Particulars of stations

(Names of the countries arranged in alphabetical order of abbreviations)

1. Direction-finding stations {

(Names of the stations in alphabetical order)

Name of the station	Exact geographical position <sup>1)</sup> of: a) the receiving antenna of the direction-finding station b) the transmitting antenna of the direction-finding station c) the transmitting antenna of the station mentioned in Column 8	Call sign	Frequencies and classes			Power	Name and call sign of the station with which communication must be established if the direction-finding station is not equipped with a transmitter	Charges	Remarks a) Sectors in which bearings are normally accurate and references to national or international publications other than these Lists. b) Hours of service (G.M.T.) etc.
			For calling the direction-finding station  kc/s or Mc/s	For transmitting to the direction-finding station the signals necessary for taking bearings  kc/s or Mc/s	For the transmission of the bearings by the direction-finding station  kc/s or Mc/s				
1	2	3	4	5	6	7	8	9	10

<sup>1)</sup> Meridian of Greenwich, in degrees, minutes and seconds



(Names of the countries arranged in alphabetical order of abbreviations)

2. Radiobeacon stations (

(Names of the stations in alphabetical order)

Name of the station	Exact geographical position of the transmitting antenna of the radiobeacon <sup>1)</sup>	Characteristic signal of the radiobeacon	Call sign of the radiobeacon (if any)	Emission			Normal range in nautical miles	Name and call sign of the station to which requests for the emission of beacon signals may be addressed	Calling frequency  kc/s or Mc/s	Remarks  a) sectors normally reliable and references to national or international publications other than these Lists;  b) hours of service (G.M.T.);  c) charges, etc.;  d) description of the emission
				Frequency  kc/s or Mc/s	Class	Frequency of modulation (if any)  c/s				
1	2	3	4	5	6	7	8	9	10	11

<sup>1)</sup> Meridian of Greenwich in degrees, minutes and seconds

3. Ocean-Station Vessels : Names of Stations arranged by Ocean Regions in alphabetical order

Name of the station	Geographical position assigned to the station	Call sign of the station vessel	For calling the station  kc/s or Mc/s	Characteristic signal of the radiobeacon	Transmitting frequency of the  radiobeacon  kc/s or Mc/s	Class	Frequency of modulation (if any)  c/s	Range	For transmitting to the station the signals necessary for taking bearings  kc/s or Mc/s	For the transmission of the bearings by the station  kc/s or Mc/s	Antenna power of the direction-finding station	Remarks  a) References to national or international publications other than these Lists;  b) Hours of service (G.M.T.);  c) Description of the radiobeacon emission
1	2	3	4	5	6	7	8	9	10	11	12	13

(Names of countries arranged in alphabetical order of abbreviations.)

4. Direction-finder Calibration Stations

(Names of stations in alphabetical order.)

Name of the station	Exact geographical position of the transmitting antenna of the radiobeacon (meridian of Greenwich in degrees, minutes and seconds)	Characteristic signal of the radiobeacon	Call sign of the radiobeacon (if any)	Emission			Normal range (Ranges are indicated in nautical miles)	Name and call sign of the station to which requests for the emission of beacon signals may be addressed	Calling frequency	Remarks
				Frequency  kc/s or Mc/s	Class	Frequency of modulation (if any)  c/s				
1	2	3	4	5	6	7	8	9	10	11

5. Stations transmitting the signals

(Names of the countries arranged in alphabetical order of abbreviations.  
(  
(Names of the stations in alphabetical order.

Name of the station	Call Sign	Frequencies kc/s or Mc/s	Class of Emission	Times of Emission (G.M.T.)	Method <sup>1)</sup>
1	2	3	4	5	6

<sup>1)</sup> General instructions concerning time signals

6. Stations transmitting standard frequencies

(Names of countries arranged in alphabetical order of abbreviations.  
(  
(Names of stations in alphabetical order.

Name of the station	Call Sign	Frequencies kc/s or Mc/s	Class of Emission	Times of Emission (G.M.T.)	Remarks
1	2	3	4	5	6

7. Stations transmitting regular meteorological bulletins

(Names of countries arranged in alphabetical order of abbreviations.  
(  
(Names of the stations in alphabetical order.

Name of the station	Call Sign	Frequencies kc/s or Mc/s	Class of Emission	Times of Emission (G.M.T.)	Remarks <sup>1)</sup>
1	2	3	4	5	6

<sup>1)</sup> General instructions concerning meteorological bulletins including code used.

8. Stations transmitting notices to navigators

(Names of countries arranged by alphabetical order of abbreviations.

(

(Names of stations in alphabetical order.

Name of the station	Call Sign	Frequencies kc/s or Mc/s	Class of Emission	Times of Emission (G.M.T.)	Remarks
1	2	3	4	5	6

9. Stations transmitting medical advice

(Names of the countries arranged in alphabetical order of abbreviations.

(

(Names of the stations in alphabetical order.

Name of the station	Call Sign	Frequencies kc/s or Mc/s	Class of Emission	Hours of Service (G.M.T.)	Remarks
1	2	3	4	5	6

10. Stations transmitting epidemiological bulletins

(Names of the countries arranged in alphabetical order of abbreviations.

(

(Names of the stations in alphabetical order.

Name of the station	Call Sign	Frequencies kc/s or Mc/s	Class of Emission	Times of Emission (G.M.T.)	Remarks
1	2	3	4	5	6

11. Stations transmitting Ursigrams

(Names of the countries arranged in alphabetical order of abbreviations.

(

(Names of the stations in alphabetical order

Name of the station	Call Sign	Frequencies kc/s or Mc/s	Class of Emission	Times of Emission (G.M.T.)	Remarks and nature of information
1	2	3	4	5	6

Note: The Secretary-General of the Union, if he considers it necessary, will introduce in this List, additional sections to cover new systems that may be developed and used.

List IX\* - List of International Monitoring Stations

Part I Particulars of centralizing offices

- Names of countries arranged in alphabetical order of abbreviations.
- National centralizing office (postal and telegraphic address, telephone number, any other information).

Part II - A. Particulars of monitoring stations carrying out frequency measurements

- (Names of countries arranged in alphabetical order of abbreviations.  
(  
(Names of stations in alphabetical order.
- Name and geographical location of the station,
- Hours of service (G.M.T.),
- Bands of measurable frequencies,
- Precision of measurements,
- Remarks.

Part II - B. Particulars of monitoring stations carrying out field strength measurements

- (Names of countries arranged in alphabetical order of abbreviations.  
(  
(Names of stations in alphabetical order.
- Name and geographical location of the station,
- Hours of service (G.M.T.),
- Bands of measurable frequencies,

- Precision of measurements in db,
- Remarks.

1) Indicates the maximum attainable precision for each frequency band.

Part II - C. Particulars of monitoring stations carrying out direction-  
finding measurements

(Names of countries arranged in alphabetical order of abbreviations.  
(  
(Names of stations in alphabetical order.

- Name and geographical location of the station,
- Hours of service (G.M.T.),
- Band of measurable frequency,
- Type of antennae in use,
- Remarks.

Part II - D. Particulars of monitoring stations carrying out bandwidth  
measurements

(Names of countries arranged in alphabetical order of abbreviations.  
(  
(Names of stations in alphabetical order.

- Name and geographical location of the station,
- Hours of service (G.M.T.),
- Band of measurable frequencies,
- Method(s) of measurement
- Resolution at -60 db (if appropriate),
- Remarks,

2) See current C.C.I.R. Recommendations and Reports.

Part II - E. Particulars of monitoring stations carrying out automatic  
spectrum occupancy surveys

(Names of countries arranged in alphabetical order of abbreviations.

(

(Names of stations in alphabetical order.

- Name and geographical location of the station,
- Hours of service (G.M.T.),
- Bands of frequencies,
- Method(s) employed,
- Remarks.



## GENERAL RADIO COMMUNICATION STATISTICS

Part I. Number of Stations						Part II. Traffic			
1. Maritime mobile			2. Amateurs			Of coast stations transmitting public correspondence			
Coast stations transmitting public correspondence			Ship stations			Radiotelegrams transmitted	Radiotelegrams received	Telephone calls	Medical advice
Telegraph	Telephone	Mixed	Telegraph	Telephone	Mixed				

A N N E X 3

RESERVATION BY THE FRENCH REPUBLIC

At its meeting on 17 November, 1959, Working Group 7A7 decided not to recommend that Section 3 (Loran Stations) and 5 (Radar Stations) be kept in the new List of Radiolocation and Special Service Stations - sections appearing in the latest edition of the List of Radio-location Stations (fifth edition, November, 1957).

These sections, so the French Delegation considers, could advantageously be maintained. It reserves its attitude with regard to the decision taken by Working Group 7A7.

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GENEVE, 1959

21 novembre 1959

COMMISSION 4

COMMITTEE 4

COMISION 4

ORDRE DU JOUR

28ème séance de la Commission 4

(Répartition des bandes de fréquences)

Samedi, 21 novembre 1959, à 1500 heures, Salle A

1. Examen du cinquième et dernier rapport du Groupe de travail 4B - Bandes de fréquences 70-150 kHz (Document N° 599)
2. Examen du rapport du Groupe de travail 4G - Bandes de fréquences 10,500-40,000 MHz
  - Document N° 449 (Rev.) - ainsi que le rapport complémentaire du Groupe de travail 4G (Document N° 595)
3. Examen de la proposition 4883 de la République Fédérale d'Allemagne - Demandes de fréquences de la Croix Rouge Internationale (Document N° 26)
4. Memorandum de l'I.F.R.B. (RR 253) (Document N° 611)
5. Divers.

A G E N D A

Twenty-eighth Meeting of Committee 4 (Frequency Allocation)

Saturday, 21 November 1959 at 1500 hours, Room A

1. Consideration of the Fifth (and Final) Report by Working Group 4B - Frequency bands 70-150 kc/s - (Document No. 599)
2. Consideration of the Report by Working Group 4G - Frequency bands 10,500-40,000 Mc/s
  - Document No. 449 (Rev.) - together with the Supplementary Report by Working Group 4G (Document No. 595)
3. Consideration of proposal 4883 by the Federal Republic of Germany - Frequency requirements by the International Red Cross (Document No. 26)
4. Memorandum by the I.F.R.B. (RR 253) (Document No. 611)
5. Any other business.

ORDEN DEL DÍA

28.<sup>a</sup> sesión de la Comisión 4

(Distribución de frecuencias)

Sábado, 21 de noviembre de 1959, a las 3 de la tarde, Sala A

1. Examen del 5° y último informe del Grupo de trabajo 4B - Banda de frecuencias 70-150 kc/s - (Documento N.° 599)
2. Examen del informe del Grupo de trabajo 4G - Bandas de frecuencias 10.500-40.000 Mc/s .
  - Documento N.° 449 (Rev.) - conjuntamente con el informe complementario del Grupo de trabajo 4G (Documento N.° 595)
3. Examen de la proposición 4883 de la República Federal de Alemania - Solicitud de frecuencias de la Cruz Roja Internacional (Documento N.° 26)
4. Memorandum de la I.F.R.B. (RR 253) (Documento N.° 611)
5. Otros asuntos.

Le Président,  
Chairman,  
El Presidente,

Gunnar Pedersen

GENEVA, 1959

WORKING GROUP 5B

REPORT OF

Sub-Working Group 5B3 to Working Group 5B

CHAPTER 1

Organization of the work of Sub-Working Group 5B3

1. Sub-Working Group 5B3 was established by Working Group 5B on 8 September 1959. Its terms of reference were as follows :

"Study of the Plan and List adopted by the E.A.R.C. for the Maritime Mobile Service between 4,000 kc/s and 27,500 kc/s and the possibility of their being put into force, and consideration of any adjustments which are thought necessary."

2. Sub-Working Group 5B3 entrusted on 17 September 1959 a restricted Sub-Working Group 5B3 to examine the adjustments considered necessary to the Plan and List adopted by the E.A.R.C. for the Maritime Mobile Service between 4,000 kc/s and 27,500 kc/s. The original Membership of this restricted Group was :

Argentina  
Australia  
Canada  
China  
Colombia  
Spain  
United States of America  
Italy  
Japan  
Malaya  
Norway  
Poland  
United Kingdom of Great Britain and Northern Ireland  
Union of South Africa  
Union of Soviet Socialist Republics

Many other delegations, however, were so good as to lend their assistance.

3. The restricted Sub-Working Group 5B3 held four meetings during which any re-adjustments considered necessary to the International Frequency List for the Maritime Mobile Radiotelegraph Service in its exclusive bands between 4,000 kc/s and 27,500 kc/s (Annex 6 to the Final Acts of the E.A.R.C.) were examined.
4. The restricted Sub-Working Group 5B3 entrusted the examination of any re-adjustments considered necessary to the Maritime Mobile Radiotelephone Service Plan in the exclusive bands between 4,000 kc/s and 27,500 kc/s (Annex 5 to the Final Acts of the E.A.R.C.) to a Special Sub-Working Group made up of representatives of the United States of America, the United Kingdom and the Union of Soviet Socialist Republics, with Mr. J. BES (France) as Chairman. This Special Sub-Working Group has held seven meetings.
5. Recommendations from Sub-Working Group 5B3 to Working Group 5B are included in Chapter II of this Report, as far as radiotelegraphy is concerned, and in Chapter III with respect to radiotelephony. Chapter IV deals with various other matters.
6. Sub-Working Group 5B3 now wishes to place on record an expression of its sincere thanks for the valuable advice and assistance received at every step of its proceedings from Mr. R. Petit, member of the I.F.R.B. Thanks to Mr. Petit's experience, the Sub-Working Group has more thoroughly covered its assignments.
7. Finally, Sub-Working Group 5B3 is also happy to express its sincere appreciation to the I.F.R.B. for making available to it the services of Mrs. P. Neetens. Mrs. Neetens has, from the outset, performed the functions of an assistant to the Chairman and by discharging daily a number of technical and professional duties, has relieved the Chairman of a substantial burden of work.

## CHAPTER II

### RADIOTELEGRAPHY

#### Adjustments considered necessary to Annex 6 to the Final Acts of the E.A.R.C. (See Document No. DT 470)

1. Sub-Working Group 5B3 recommends to Working Group 5B that, in the bands allocated exclusively to radiotelegraph coast stations between 4,000 kc/s and 27,500 kc/s, each additional assignment or change to basic characteristics of recorded assignments, notified between 3 December 1951, and the date of entry into force of the new Radio Regulations, should be the subject of a complete technical examination by the I.F.R.B., under the paragraphs 233, 234 and 235 ii of Section III of Article 33 of the E.A.R.C. Agreement. This recommendation in no way prejudices the notification and registration procedure that will be applicable after the entry into force of the new Regulations, nor the decision to be taken by the Conference on the transfer procedure of assignments to the new Register or on the dates to be entered in the new Master Register.

2. However, Sub-Working Group 5B3 considers that it should be suggested to Working Group 5A that for these entries the result of the examination should be taken into consideration in the procedure of transfer of assignments in the new Master Register.

3. The Master International Frequency Register for the exclusive coast radiotelegraph bands shall be made up of all listings contained in the basic E.A.R.C. Coastal Telegraph Plan bearing 2c dates \*), plus those additions and amendments recorded in the Master Record since 3 December, 1951, which all have a date in column 2c. The date of 3 December, 1951 entered in column 2a of the Record shall be transferred in column 2a of the new Register, and the dates entered in column 2b of the Record shall be entered in column 2a or in column 2b of the new Register according to the results of the examination under paragraph 2.

#### Further recommendations

4. Sub-Working Group 5B3 considered proposals for amending and including in the new Regulations the provisions of No. 75 of the E.A.R.C. Agreement. It was agreed to recommend, subject to agreement by Committee 7, that the following text should be included in the new Regulations:

"In order to reduce adjacent channel interference, coast radiotelegraph stations operating in the maritime mobile exclusive bands between 4 000 kc/s and 27 500 kc/s shall not use class A2, F2 or P2 emissions."

5. Sub-Working Group 5B3 also considered proposals for including in the new Regulations the provisions of No. 70 of the E.A.R.C. Agreement, the purpose of which is to limit the power of radiotelegraph coast stations to the following maximum values:

<u>Band</u>	<u>Power limit</u>
4 Mc/s	5 kW
6 Mc/s	5 kW
8 Mc/s	10 kW
12 Mc/s	15 kW
16 Mc/s	15 kW
22 Mc/s	15 kW

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\*) The delegate from Indonesia considers that a further period of about one year after the closure of this Conference should be given to Administrations to put into use their planned assignments still not in use.

This proposal was not supported in Sub-Working Group 5B3.

Sub-Working Group 5B3 agreed that such provisions should be included in the new Regulations, subject to agreement by Committee 7.

### CHAPTER III

#### RADIOTELEPHONE

#### Adjustments considered necessary to Annex 5 to the Final Acts of the E.A.R.C.

1. General considerations:

1.1 In considering the requirements which were submitted and which refer to present needs, the Sub-Working Group took the view that it was in the general interest of operators of the Maritime Mobile Service for the numerous coast stations which are at present using out-of-band frequencies especially in those bands exclusively allocated to ship stations (in this connection, see Document No. 334), to operate henceforward in appropriate bands. It also considered that this transfer should be carried out in an orderly manner, in order that the coast radiotelephone stations of all Administrations might fit into the framework of a plan to enable them to operate without mutual harmful interference.

1.2 When it came to examine the E.A.R.C. Plan, the Working Group noted that while the addition of allotments to some areas might be considered, it was impossible to allow allotments of any considerable power to certain other areas without serious disturbance to the operation of coast stations of other countries, particularly in Europe. After serious consideration of the problem, the Group suggests the following solution.

2. Solution suggested:

2.1 The Group believed that an additional channel could be set up in each of the frequency bands, if the following figures for the spacing between assigned frequencies were adopted:

- 4 Mc/s band: 6.4 kc/s instead of 6.9 kc/s \*) (11 channels instead of 10)
- 8 Mc/s band: 6.4 kc/s instead of 7.1 kc/s \*) (11 channels instead of 10)
- 12 Mc/s, 16 Mc/s and 22 Mc/s band: 7 kc/s instead of 7.7 kc/s (10 channels instead of 9).

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\*) However the spacing between frequencies 1 and 2 on one hand, and 10 and 11 on the other hand, would be reduced to 6.3 kc/s to permit adequate spacing between extreme frequencies and the limits of the bands.



This narrowing of the channels may result in a reduction in quality, but this seems permissible in view of the progress achieved in the design of receivers since the Plan was drawn up. In some cases, however, the audio frequency band transmitted may have to be slightly reduced - from 3 000 c/s to 2 700 c/s for example.

2.2 The additional channel could appropriately be fitted in the lower part of each band. In this way, all frequencies in the present Allotment Plan would be increased thanks to which many of the crystals at present in use could be used again after a slight readjustment.

2.3 The Working Group considered that the allotments to appear in the new channel under Section I of the Plan should be determined according to the following principles:

- (1) firstly, the additional allotments which were requested and which relate to present needs of stations operating outside the appropriate bands;
- (2) secondly, depending on technical possibilities, some of the allotments appearing in Section II of the E.A.R.C. Plan and notified to the I.F.R.B. by 16 August, 1959, as having been brought into use. These allotments would be considered in the chronological order of the dates appearing in Column 2c opposite the assignments concerned (these assignments bear the date 4 December, 1951, in Column 2b and a date in Column 2c);
- (3) thirdly, depending on technical possibilities, allotments corresponding to some of the additional assignments notified to the Board since 3 December 1951, and considered in the chronological order of the dates in Column 2b, provided that the notifying Administration concerned did not have allotments under Section I of the Plan. (These assignments bear dates in Columns 2b and 2c. The date in Column 2b is the date of notification and is always subsequent to 4 December, 1951);
- (4) fourthly, depending on technical possibilities, certain of the allotments in Section II which had not been notified to the I.F.R.B. by 16 August, 1959, as having been brought into use.

2.4 With regard to the other channels, the Allotment Plan would remain as adopted by the E.A.R.C. except when it was possible to include therein certain additional allotments provided for in paragraph 2.3(1), but which had not found a place in the new channel. For this purpose, consideration would be given to allotments corresponding to assignments which were chosen before 16 August, 1959, according to Recommendations in number 68 of the E.A.R.C. Agreement, as well as any additional allotments which will be agreed during the Conference by the Administrations concerned.

2.5 The Sub-Working Group thought that the procedure outlined in paragraphs 2.3 and 2.4 above would have the advantage of clearing the existing channels from some of the additional assignments which have been notified since 3 December, 1951, and would consequently compensate, by an improvement in sharing conditions, for the reduction in quality which may be caused by the narrowing of the channels.

2.6 The Sub-Working Group applied the principles specified in paragraphs 2.3 and 2.4 in drawing up suggestions for adjustments to the Plan, which it submits for the consideration of Working Group 5B. (See Annex 3)\*).

2.7 If the principle of creating a new channel in the coast radio-telephone station bands is adopted, it would also be advisable to create a new channel in the ship bands so that it will still be possible for frequencies to be used in pairs for transmission and reception. The Table in Appendix 12 of the Regulations, amended in accordance with Annex 7 to the Final Acts of the E.A.R.C., would consequently have to be modified (See Annex 2).

2.8 The Sub-Working Group considers that it would be possible to apply the principle of channel-compression on the date of entry into force of the new Regulations, or at the latest within a period of three months following that date\*\*). The assignments entered in the Master Radio Frequency Record in the former channels would retain the same dates under 2a, 2b or 2c in the new narrowed channels.

2.9 The Sub-Working Group was of the view that additional needs arising in the future could be dealt with, when the time comes, by the procedure specified in No. 68 of the E.A.R.C. Agreement, as proposed by the United Kingdom in Document No. 30.

2.10 The Sub-Working Group considers on the other hand that the Plan, which it recommends to include in an Appendix to the Regulations, could in any case be revised without awaiting the next meeting of the Administrative Radio Conference. For instance, such a revision could be necessary in order to take account of the progress of single-sideband radiotelephony. It is of the opinion that the new Regulations should provide for a procedure making it possible to call a Conference for this purpose and that a sentence introducing the Appendix including the Allotment Plan should be inserted in Article 9, Section IV.

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\* ) Annex 3 to the Document will be published separately. During the meeting on 20 November, 1959, it was recognized that some Administrations interested in the application of paragraph 2.4 were not in a position to receive all necessary agreements. Sub-Working Group 5B3 decided that such agreements should be submitted in writing to the Chairman of Sub-Working Group 5B3 at the latest on Monday 23 November at 15.00 hours.

\*\* ) The Delegate from Norway reserved the possibility of further considering whether his Administration could accept this period.

3. Further recommendations by the Sub-Working Group

Sub-Working Group 5B3 thought that it might be appropriate to submit the following recommendations concerning the frequency bands allotted exclusively to the coast radiotelephone stations. It should be noted that some of these recommendations are connected with those in paragraph 2 above.

4. Establishment of the new Master International Radio Frequency Register with respect to the coast radiotelephone exclusive bands

The following would be transferred to the new Master International Radio Frequency Register:

4.1 the allotments of the new Plan, without date in Columns 2a, 2b, or 2c;

4.2 the assignments in conformity with the allotments in Section I of the new Plan; they would bear the date 3 December, 1951, in Column 2a;

4.3 the assignments corresponding to the allotments in Section II of the new Plan which would be Section II of the former Plan, from which allotments referred to in paragraph 2.3 (2) would be withdrawn; they would bear the date 4 December, 1951, in Column 2b;

4.4 the assignments not in conformity with the Plan, notified to the I.F.R.B. between 3 December, 1951, and the date of entry into force of the new Regulations, would be considered as transferred to the channels of the new Plan if they had been notified on the central channel frequencies of the E.A.R.C. Plan. If that were not the case, the Administrations concerned would have a period of three months to readjust them so that they retain the same relative positions in relation to the channels in the new Plan as they had in relation to the channels in the E.A.R.C. Plan, provided they meet the requirements of 4.5;

4.5 all assignments mentioned in paragraph 4.4 above would be submitted to a complete technical examination by the I.F.R.B. in accordance with numbers 233, 234, 235 (ii) and 236 of Section III of Article 33 of the E.A.R.C. Agreement, with respect to the allotments appearing in Sections I and II of the Plan (that is to say, with respect to the frequency assignments brought into use or liable to be brought into use in the future in accordance with the allotments in the Plan), as well as with respect to frequency assignments in conformity with 327 and 328 which were previously entered in the Master Radio Frequency Record and which were previously entered in the Master Radio Frequency Record and which have not, in fact, caused harmful interference. The same would be done for the changes of basic characteristics of assignments in conformity with the Plan.

4.5.1 Each assignment, when transferred, would retain in Column 2b of the of the new Master Register the date which it had in the Master Radio Frequency Record, and the finding would be indicated by a symbol in the new Register.

4.6 The date to be entered in Column 2c of the new Register would be determined according to recommendations of Group 5A.

5. Future procedure for notifying and recording frequency assignments in the coast radiotelephone exclusive bands

5.1 The procedure of the new Article 11 would be applicable (see Document No. DT 649), taking into account the following points:

5.2 In addition to the examination provided for in 328a, each notice concerning a frequency assignment to a coast radiotelephone station should be examined from the point of view of its conformity with the Allotment Plan included in an Appendix to the new Regulations.

5.3 Further action would be as follows:

5.3.1 If the assignment notified is in full conformity with an allotment in the Plan (that is, if the frequency, the allotment area, the power and any appropriate limitations are those provided for in the Plan), the notice would not be submitted to the technical examination provided for in 329 and the assignment would be entered in the Master Register with the date 3 December, 1951, in Column 2a or the date 4 December, 1951, in Column 2b, depending on whether it was an allotment in Section I or Section II of the Plan.

5.3.2 If the assignment notified is not in conformity with the Allotment Plan, the technical examination provided for in No. 329 would be carried out with respect to the allotments in Sections I and II of the Plan (that is, from the point of view of the probability of harmful interference to the detriment of a service operated by a station which has a frequency assignment in full conformity with the allotments in Section I or II of the Plan which is already entered in the Master International Radio Frequency Register, or which may be so entered in the future), as well as with respect to frequency assignments in conformity with No. 328a which were previously recorded in the Master Register on frequencies specified in Appendix 12, either as a consequence of a favourable finding or after an unfavourable finding, the assignment having not, in this latter case, in fact, caused harmful interference.

- 5.3.3 The procedure to be applied according to the finding is the procedure applicable in similar circumstances to any other notice (See 334 to 338a of the draft Article 11, Document No. DT 649). Should the assignment be entered in the Register, it would be given the appropriate date in Column 2b and the finding shall be indicated by a symbol.
- 5.3.4. If a notice relates to a change of an assignment to a coast radiotelephone station, and the change merely consists of changing the characteristics of the emission without extending the necessary bandwidth beyond the upper or lower limits of the bandwidth provided for double sideband emissions in accordance with the Table in Appendix 12, the date of this change would be entered in Column 2c without altering the date entered in Column 2a or Column 2b (U.S.A., Document No. 140, 3905 bis).
- 5.3.5 If the finding is unfavourable with respect to 328a, the procedure provided for in the new Article 11 would be applied (see 339a to 339i). Should the assignment be entered in the Register, it would be given the appropriate date in Column 2b, and an indication of the finding would be entered in the Remarks Column.
- 5.3.6 The date to be entered in Column 2c shall be the date determined according to the recommendations of Group 5A.
- 5.3.7 It should be made clear that no regulation allowing for the transfer of a date entered in Column 2b to Column 2a can be applied. The re-examination of an unfavourable finding with respect to 329 could in fact only lead to an alteration of the symbol indicating the finding.

## 6. Appendix 12

Appendix 12 to the Radio Regulations (Recommended Duplex Channelling of the Maritime Mobile Radiotelephone Bands, 4 000 - 23 000 kc/s)) should, the Sub-Group thinks, comprise:

- a) a preamble drafted as shewn in Annex 1 (United States Proposal 141, amended);
- b) the Table shewn in Annex 2 to this report.

## CHAPTER IV

### Miscellaneous

Sub-Working Group 5B3 has taken note of the following statement submitted by Morocco on 13 November, 1959:

"The Delegate of Morocco remarked that if the Conference added a preface, and a list of stations transferred from Annexes 5 and 6 to the

E.A.R.C. Agreement, to the draft Maritime Mobile Service Plan recommended by Sub-Group 5B3, all territorial abbreviations shown in those annexes relative to Morocco should be replaced by the single abbreviation MRC, standing for the Kingdom of Morocco.

"Foreign stations in Morocco would be identified by the symbols used by the International Frequency Registration Board in Column 13 of the Radio Frequency Record.

"Should a preface and lists of stations be added to the draft Maritime Mobile Service Plan, the Moroccan Administration reserves the right to submit a written proposal for the amendment thereof."

J. Bès

Chairman

Annexes: 2

A N N E X 1

PREAMBLE TO THE TABLE IN APPENDIX 12

Duplex Channelling of the Maritime Mobile Radiotelephone Bands  
4 000 - 23 000 kc/s

This is a table of the channels to be used by coast and ship stations in the bands allocated to the maritime mobile radiotelephone service between 4 000 and 23 000 kc/s.

One or more series of frequencies are assigned to each coast station, which uses these frequencies associated, as far as possible, in pairs; each pair comprising a transmitting and a receiving frequency. The series shall be selected with due regard to the areas served and so as to avoid, as far as possible, harmful interference between the services of different coast stations.

Assignments to stations utilizing single sideband or independent sideband emissions shall be considered to be in accordance with the following Table if the necessary bandwidth does not extend beyond the upper or lower limits of the bandwidth provided for double sideband emissions in accordance with the Table.

Stations employing double sideband emission (A3) or two channel independent sideband emission (A3b) should operate with assigned frequencies at the values listed in the Table. Stations using single sideband single channel (A3a) emissions should operate either in the upper half or the lower half of the channels designated by the centre frequencies in the Table. A station operating in the upper half of the channel should use upper

sideband transmission with its carrier frequency at a value listed in the Table and its assigned frequency would then be 1400 cycles higher than that listed in the Table. A station operating in the lower half of the channel should use upper sideband emission with its carrier below the midband frequency of the channel as listed in the Table by the appropriate following amounts :

<u>Band</u>	<u>Carrier Frequency Relative to Midband Frequency of Channel as listed in Table</u>
4 000 kc/s and 8 000 kc/s	- 3 100 c/s
12 000, 16 000 and 22 000 kc/s	- 3 300 c/s

The frequencies assigned to such stations should be 1 400 cycles higher than the value indicated above for their carrier frequencies.

If an Administration assigns frequencies other than those indicated above, its radiotelephone service must not cause harmful interference to radiotelephone stations of the maritime mobile service which use frequencies assigned to them in accordance with this Appendix.



GENEVE, 1959

SOUS-COMMISSION 7B  
SUB-COMMITTEE 7B  
SUBCOMISION 7B

O R D R E D U J O U R

29ème séance de la Sous-Commission 7B  
(Procédures radiotélégraphique et radiotéléphonique  
dans le service mobile)

Lundi 23 novembre 1959, 15 heures - Salle D

1. Approbation des textes du Document N° 538.
2. Examen de toutes les propositions qui ont été laissées en suspens.
3. Divers.

A G E N D A

Twenty-ninth Meeting of Sub-Committee 7B  
(Radiotelegraphy and Radiotelephone Procedures  
in the Mobile Service)

Monday, 23 November, 1959 at 3 p.m. - Room D

1. Approval of texts in Document No. 538.
2. Consideration of all deferred proposals.
3. Any other business.

O R D E N D E L D Í A

29.ª sesión de la Subcomisión 7B  
(Procedimientos radiotelegráfico y radiotelefónico  
en los servicios móviles)

Lunes, 23 de noviembre de 1959, a las 3 de la tarde - Sala D

1. Aprobación de los textos del Documento N.º 538.
2. Examen de las proposiciones pendientes.
3. Otros asuntos.

Le Président :  
The Chairman : R.M. Billington  
El Presidente :

SUB-COMMITTEE 7A

FINAL REPORT

of Working Group 7A7 to Sub-Committee 7A

1. The following delegations took part in the Working Group :

Australia, Belgium, Canada, Federal Republic of Germany, France, Israel, Italy, Japan, Netherlands, Spain, Sweden, United Kingdom of Great Britain and Northern Ireland, United States of America.

The meetings were regularly attended by Mr. Kunz, representative of the Secretariat General, and partly by Mr. Page, member of the I.F.R.B.

2. The terms of reference of the Working Group included paragraphs 449 to 484 and Appendix 6 of the Radio Regulations, as well as a draft resolution regarding the implementation of the provisions of Article 20 and Appendix 6 before the effective date of the Radio Regulations.
3. The following proposals were taken into consideration :  
1469, 1470, 1472, to 1476, 4046 to 4049, 4559, 4561, 4562, 1456 to 1465, 4555, to 4562, 2741 to 2749, 4574, 2750, 2751, 4560, 2737, 2738, 2771, to 2774, 2784 to 2787 and 4587.
4. Appendix 6 has undergone rather radical changes in order to adopt it to present day's requirements. In consequence, certain symbols in Appendix 7 will no longer be required; on the other hand, new symbols for passengers and cargo ships will have to be inserted. Accordingly, the Chairman of Working Group 7A8 was asked to make the necessary modifications when revising the symbols to Appendix 7. The representative of the Secretariat General told the Working Group that the Secretary General will draw the attention of Administrations to the changes required in using symbols for the Service Documents.
5. On revising the particulars of the Service Documents, the Working Group thought it necessary to recommend certain changes in texts already adopted by the Sub-Committee (RR 460 and 460 bis) and, in the case of the List of Fixed Stations, proposes that it be restricted to international circuits only. The Working Group, after careful consideration of the problems involved, came to the conclusion that this publication can only be justified if it excludes internal circuits of Administrations.

6. In trying to be helpful regarding the target date set for the completion of work, the Working Group dealt also with Document No. 578 and its proposal for the inclusion of List IX\*, International Monitoring Stations, into Appendix 6 is submitted, along with the rest of the Service Documents, for approval. With this, and presenting its three reports, Working Group 7A7 has completed its terms of reference.

Chairman :  
E. Ron

WORKING GROUP 5B

REPORT

of Sub-Working Group 5B6 to Working Group 5B

Sub-Working Group 5B6 was set up with the following terms of reference:

Study of the situation with regard to frequency assignments in the bands above 27.5 Mc/s.

The Sub-Working Group has held three meetings which were attended by representatives of 24 Administrations. Messrs. Cata and Gayer of the I.F.R.B. assisted the Group in its work. Mr. A.E. Parker of the United Kingdom Delegation acted as rapporteur.

On the basis of its discussions the Sub-Working Group reports the following:

1. Transfer of Assignments from the M.R.F.R. to the M.I.F.R.

1.1 Entries in the M.R.F.R. for frequency assignments between 27.5 Mc/s and 28.0 Mc/s shall be transferred to the M.I.F.R. as initial entries using the same procedure as agreed by Sub-Committee 5A for the unplanned bands between 4-27.5 Mc/s.

1.2 Administrations shall review the entries for their frequency assignments appearing in the M.R.F.R. for frequencies above 28.0 Mc/s with a view to reducing drastically the number of such entries to be transferred to the M.I.F.R. as initial entries. For this purpose they should be guided by the principles contained in paragraph 2.3 below for the notification of new assignments, keeping in mind that the recognition of the full use of a frequency is still obtained by such a procedure. Only those entries should be retained which concern assignments to stations

- a) which are capable of causing harmful interference to the services of another Administration,
- b) are required for international communication,
- c) for which international recognition is desired.

1.3 As a result of such review, Administrations shall notify the Board, prior to 1 July 1960, of the deletions or modifications which shall be made to their entries in the M.R.F.R.

1.4 Between 1 July 1960 and (6 months after the entry into force of the Radio Regulations), the Board shall transfer the entries remaining in the M.R.F.R., after the above review by Administrations, to the corresponding columns of the M.I.F.R. as initial entries, provided that such entries are complete as to the minimum essential information required by Appendix 1 of the new Radio Regulations or paragraph 2.3 below as appropriate.

1.5 The Board shall examine these entries for compliance with 328a. Entries not in conformity therewith shall be indicated by an appropriate symbol in the M.I.F.R. remarks column.

## 2. Notification of Frequency Assignments above 27.5 Mc/s

2.1 Any frequency assignment to a fixed, land, broadcasting, earth, radio determination land, or standard frequency station or to a ground based station in the meteorological aids service, shall be notified to the Board,

- a) if the use of the frequency concerned is capable of causing harmful interference to any service of any Administration; or
- b) if the frequency is to be used for international radio communication; or
- c) if it is desired to obtain international recognition of the use of the frequency.

2.2 Similar notices shall be given for any frequency to be used for the reception of mobile or space stations by a particular land station in each case where one or more of the conditions specified in paragraph 2.1 are applicable.

2.3 Above 28.0 Mc/s where a single service such as land mobile, but with the exception of broadcasting, employs a band of frequencies in a specified area or areas a single notice of assignment to a typical station may be submitted to the I.F.R.B. for each frequency assigned in such a band. Where this procedure for notification is employed, the following basic characteristics shall be given:

- 1. Assigned frequency
- 2c. Date of putting into use
- 4b. Country in which the station is located

- 5a.\* Locality(ies) or Area(s) with which communication(s) is (are) established
- 6. Class of station and nature of service
- 7. Class of emission, necessary bandwidth and description of transmission
- 8. Power (in kW)
- 10. Maximum hours of operation of the circuit to each locality or area (G.M.T.)

All the areas in which a particular frequency is used should be included in the notice for that frequency. The co-ordination of the use of the frequency with Administrations affected should be indicated where appropriate but in such cases the notice for a typical frequency should include the actual agreed use in those areas to which the co-ordination refers.

2.4 For all other notices the basic information specified in Appendix 1 of the new Radio Regulations shall be furnished. However, for these frequency bands it is proposed that Column 9c become a basic characteristic and Administrations should either quote the Effective Radiated power under Column 8 or the carrier power under Column 8 together with the antenna gain under 9c.

### 3. Procedure of the I.F.R.B. for the Examination and Recording of Notices

3.1 The Board shall examine and record all notices received for frequency assignments between 27.5 Mc/s and 28.0 Mc/s in accordance with procedures laid down by Sub-Committee 5A for the unplanned bands between 4-27.5 Mc/s.

3.2 In the bands above 28.0 Mc/s the Board shall examine all notices received for conformity with 328a. Examination with respect to 329 shall only be made at the request of an Administration affected when co-ordination has not been possible between the Administrations concerned.

3.3 Notices examined for conformity with 328a shall be recorded in the M.I.F.R. with dates in Columns 2c and 2d. Those found not to conform with the provisions of this number shall be entered with an appropriate symbol in the remarks Column.

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\* In this Column the area or areas in which the frequency is used should be clearly defined in order to assist co-ordination procedure with other Administrations.

4. Inclusion of Particulars in the I.F.R.B. Weekly Circular

4.1 Information provided with respect to the initial entries for the M.I.F.R., referred to in paragraph 1.3 above, shall not be included in the I.F.R.B. weekly circulars.

4.2 The Board shall include in the I.F.R.B. weekly circular all complete notices received under Section 2 above.

5. Publication of Volume III of the I.F.L.

It is proposed that the I.F.L. for the frequency bands above 28.0 Mc/s should be published in four volumes, namely:

- i) Volume containing all assignments in the bands between 28-50 Mc/s, excluding broadcasting stations;
- ii) Volume containing Region I assignments in the bands between 50-40 000 Mc/s and Region I broadcasting assignments in the band between 28-50 Mc/s;
- iii) Volume containing Region II assignments in the bands between 50-40 000 Mc/s and Region II broadcasting assignments in the bands between 28-50 Mc/s;
- iv) Volume containing Region III assignments in the bands between 50-40 000 Mc/s and Region III broadcasting assignments in the bands between 28-50 Mc/s.

6. Technical Standards

It is proposed that Committee 6 be asked to recommend the minimum technical standards required by the Board in order to carry out any technical examinations in the band above 28.0 Mc/s.

P.W. Parker  
Chairman

The Delegate of Cuba reserved the right to revert to any of the points in the report when it was discussed in Sub-Committee 5B.

WORKING GROUP 4B

C A N A D A

Proposed Frequency Allocation and footnote concerning the  
132 - 136 Mc/s band (reference Document No. DT 798, p. 13)

Proposed allocation to Region 2:

Mc/s	World-Wide	Region 1	Region 2	Region 3
132-144		132-136 Aeronautical mobile (R)  81a)  81b)  82f)	132-136 a) Fixed b) Mobile    81c)	132-136 a) Fixed b) Mobile  82) 82a)  82i)
Cont'd	136-137 a) Fixed b) Mobile c) Space  82f) 82a) 81b) 82b)			

Footnote:

195b ADD 81c) In the frequency band 132-136 Mc/s, which will become exclusively allocated to the Aeronautical Mobile (R) Service, frequency assignments to the aeronautical mobile services shall be coordinated between Administrations concerned and protected from harmful interference.



COMMISSION 4  
COMMITTEE 4  
COMISIÓN 4

ORDRE DU JOUR

29ème séance de la Commission 4  
(Répartition des bandes de fréquences)

Lundi 23 novembre 1959 à 1700 heures, Salle A

1. Examen du rapport du Groupe de travail 4C
  - Bandes de fréquences 4,000-27.500 kHz (Document N° 569)
  - Voir proposition 5554 (Document N° 455)  
proposition 5561 (Document N° 509)  
Document N° 417.
2. Divers.

A G E N D A

Twenty-ninth Meeting of Committee 4 (Frequency Allocation)

Monday, 23 November 1959 at 1700 hours, Room A

1. Consideration of the Report by Working Group 4C
  - Frequency bands 4,000-27,500 kc/s (Document No. 569)
  - See proposal 5554 (Document No. 455)  
proposal 5561 (Document No. 509)  
Document No. 417.
2. Any other business.

ORDEN DEL DÍA

29.<sup>a</sup> sesión de la Comisión 4 (Distribución de frecuencias)

Lunes, 23 de noviembre de 1959, a las 5 de la tarde, Sala A

1. Examen del informe del Grupo de trabajo 4C
  - Bandas de frecuencias 4.000-27.500 kc/s (Documento N.º 569)
  - Véase proposición 5554 (Documento N.º 455)  
proposición 5561 (Documento N.º 509)  
Documento N.º 417.
2. Otros asuntos.

Le Président,  
Chairman,  
El Presidente,

Gunnar Pedersen

GENEVE, 1959

COMMISSION 5  
COMMITTEE 5  
COMISION 5

ORDRE DU JOUR

Seizième, dix-septième et dix-huitième séances- Commission 5  
Procédure d'enregistrement des fréquences et Liste internationale  
des fréquences

Mercredi 25, jeudi 26 et vendredi 27 novembre 1959, 9 heures-Salle C

1. Examen du compte-rendu de la quatorzième séance de la Commission 5, Document N° 598.
2. Examen des documents définitifs du Groupe de travail 5B, Documents N°s 588, 593 et 618.
3. Examen des autres documents définitifs. (Les numéros des documents seront annoncés suffisamment d'avance).
4. Questions diverses.

A G E N D A

The sixteenth, seventeenth, and eighteenth Meetings of Committee 5  
Frequency Registration Procedure and the International Frequency List  
Wednesday, 25, Thursday, 26, and Friday, 27 November, 1959 in Room C

1. Summary Record of the fourteenth Meeting (Document No. 598).
2. Final documents of Working Group 5B (Documents Nos. 588, 593, and 618).
3. Other final documents (the numbers thereof will be announced well beforehand).
4. Any other business.

ORDEN DEL DÍA

16.<sup>a</sup>, 17.<sup>a</sup>, y 18.<sup>a</sup> sesiones - Comisión 5  
Procedimiento de registro de frecuencias y  
Lista internacional de frecuencias

Miércoles 25, jueves 26 y viernes 27 de noviembre, de 1959  
a las 9 de la mañana - Sala C

1. Examen del Informe de la 14.<sup>a</sup> sesión de la Comisión 5 (Documento N.º 598).
2. Examen de los documentos definitivos del Grupo de trabajo 5B (Documentos N.ºs 588, 593 y 618).
3. Examen de otros documentos definitivos (los números de estos documentos se anunciarán con la debida antelación).
4. Otros asuntos.

Le Président  
The Chairman  
El Presidente :  
Dr. Joachim

WORKING GROUP 5B

AGENDA

9th Meeting - Working Group 5B

Tuesday, 24 November, 1959, at 3 p.m. - Room F

1. Final Report by Sub-Group 5B5 (maritime mobile service) (Document No. DT 813).
2. Final Report by Sub-Group 5B6 (frequencies above 27.5 Mc/s)  
(Document No. DT 816)
3. Decision as to the effective date of the new Master International  
Frequency Register (shift of Master Radio Frequency Record entries in bands  
for which no plans exist) (see Document No. DT 343), dated 2 October,  
1959: Report by Sub-Group 5B5).
4. Questions left open in the Report by Sub-Group 5B1 (Document No. DT 719):
  - a) The position of assignments as a result of changes made in the  
frequency Allocation Table, and action to be taken.
  - b) Application of Nos. 26, 27 and 28 of Recommendation 8 of the  
E.A.R.C. Agreement, to Regions 2 and 3.
  - c) Whether common world-wide frequencies for maritime mobile  
radiotelephony in the bands between 2,000 and 2,850 kc/s  
would be practicable.
  - d) Matters in connection with intership frequencies in Region 1.
  - e) Guard band of the frequency 2182 kc/s.
  - f) Other matters in connection with Sub-Group 5B1's terms of  
reference.
5. Any other business.

Chairman,

J. A. Autelli

GENEVE, 1959

Document N° DT 821-FES  
23 novembre 1959

COMMISSION 4  
COMMITTEE 4  
COMISION 4

O R D R E D U J O U R

30ème séance de la Commission 4 (Répartition des bandes de fréquences)

Mardi 24 novembre 1959 à 1500 heures, Salle A

1. Examen du rapport du Groupe de travail 4C  
- Bandes de fréquences 9.995-27.500 kHz (Document N° 569)
2. Groupe d'experts - 4-27,5 MHz (Document N° 630)
3. Récapitulation de la situation actuelle en ce qui concerne les articles 6, 7 et 9 du projet de Règlement des radiocommunications (Document N° 631)
4. Rapport verbal du Président du Groupe Ad Hoc sur le Document N° 449 (Rev.)  
(Rapport du Groupe de travail 4G à la Commission 4)

A G E N D A

Thirtieth Meeting of Committee 4 (Frequency Allocation)

Tuesday, 24 November 1959 at 1500 hours, Room A

1. Consideration of the Report by Working Group 4C  
- Frequency bands 9,995-27,500 kc/s (Document No. 569)
2. Panel - 4-27.5 Mc/s (Document No. 630)
3. Recapitulation of the present position with regard to Articles 6, 7 and 9 of the draft new Radio Regulations (Document No. 631)
4. Verbal Report by the Chairman of the Ad Hoc Group, on Document No. 449(Rev.)  
(Report by Working Group 4G to Committee 4)

O R D E N D E L D Í A

30.ª sesión de la Comisión 4 (Distribución de frecuencias)

Martes, 24 de noviembre de 1959, a las 3 de la tarde, Sala A

1. Examen del informe del Grupo de trabajo 4C  
- Bandas de frecuencias 9.995-27.500 kc/s (Documento N.º 569)
2. Grupo de expertos - 4-27,5 Mc/s (Documento N.º 630)
3. Recapitulación de la situación actual relativa a los Artículos 6, 7 y 9 del proyecto de nuevo Reglamento de Radiocomunicaciones (Documento N.º 631)
4. Informe verbal del Presidente del Grupo Especial sobre el Documento N.º 449 (Rev.) (Informe del Grupo de trabajo 4G a la Comisión 4)

Le Président:  
Chairman : Gunnar Pedersen  
El Presidente:

SUMMARY REPORT  
of the Fourth Meeting

November 2, 1959 at 9 a.m.

Agenda : Document No. DT 653 (Rev.)

According to the Agenda the Document No. DT 620 was first to be taken up for consideration. It was however agreed to proceed with the consideration of Document No. DT 645 and to refer to Document No. DT 620 as and when it became necessary.

Introducing the Document No. DT 645, Mr. Carl W. Loeber, Chairman of the Drafting Group stated that the report consisted of :

- 1) the Introduction which referred to the constitution of the Ad Hoc Group and the manner in which the Group proceeded to fulfil its task;
- 2) Part A, which deals with the general results of the study in a summarised form, based upon the views expressed by the Delegations before the interview group;
- 3) Part B, which contained the conclusions derived from the study; and
- 4) Part C, which contained recommendations to ameliorate the difficulties encountered by the new and developing countries and as recounted before the interview group.

The Delegate of Pakistan thanked Mr. Loeber for producing Document No. DT 645 and observed that some definite directives, based on the results of interviews, possibly on the following lines, could be included in the recommendations :

- i) the international fixed services be given priority over the national fixed services.
- ii) the possibility of segregating the international fixed services from national fixed services within the bands allocated to the fixed services be studied.

- (iii) the uncoordinated international fixed service assignments in M.R.F.R. be removed and the spectrum space thus made available be utilised to meet the needs of the new and developing countries.
- (iv) all administrations should employ the latest spectrum conservation techniques.
- (v) the duration of the right to use an assigned frequency by an administration should not be considered indefinite. A time limit should be placed on it.
- (vi) the importance of dates in the M.R.F.R. be de-emphasized. All registrations could be given a common date at each Administrative Radio Conference.
- (vii) the national BC services in 6, 7 and 9 mc/s bands be segregated from international services by splitting these bands.
- (viii) technically compatible plans for HF BC be evolved ultimately from a frequency management procedure.
- (ix) the number of frequencies used for simultaneous broadcasts of identical programmes should be limited to a minimum.
- (x) the attention of the Plenipotentiary Conference be drawn to the existence of intentionally created interference on HF broadcasts in violation of Radio Regulations.

The Delegate of the Belgian Congo advocated that the phrasing of Part C of the report should be modified so as to propose definite action based on simple and clear conclusions. He advocated (i) absolute priority to the national broadcasts in 6, 7 and 9 mc/s bands, (ii) time sharing by national BC services with the Fixed services in 6 and 7 mc/s whenever possible, and (iii) the removal of all the extraneous assignments from the HF BC bands.

The Delegate of India agreed that a technically acceptable plan should be evolved for HF broadcasting and that some weightage could be given to the national broadcasts in these bands.

Referring to Paragraph A 2 on page 2 of Document No. DT 645, the Delegate of the United Kingdom of Great Britain and Northern Ireland expressed the view that the reasons for the non-acceptance of the HF BC draft plans prepared by the I.F.R.B., as they stand, should be included in the report. He suggested, further, that the principle of frequency management could be operated with a view to evolve, ultimately, acceptable HF BC plans based on

realistic requirements. Stressing the importance of the efficient use of the radio frequency spectrum, he cautioned against the economic difficulties of the new and developing countries leading to an uneconomic use of the spectrum, and suggested that such difficulties should be overcome through technical assistance and that new services must start with new ideas. The Delegate of Ethiopia, also, associated himself with this remark.

At the proposal of the Delegate of the United Kingdom of Great Britain and Northern Ireland and as supported by other delegates, it was agreed to add the words "to the same area" after the words ".....more than one frequency" in the first line of page 3.

The Delegates of Belgian Congo, Pakistan and Paraguay indicated that they would hand over their proposals for incorporation in the Final Report of the Ad Hoc Group, to the Rapporteur of the group as soon as possible.

Occasional reference was also made to Document No. DT 620 by some delegates and some minor modifications in the wordings were also suggested. No decision, however, was taken in this respect.

The meeting adjourned at 1255 hours.

Rapporteur,

Maqbool Ahmad.

Chairman,

M. N. Mirza

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 823-E  
23 November, 1959

SUB-COMMITTEE 7B

REPORT

Ad-hoc Group on the Phonetic Figure Table

The Group consisted of representatives of the Argentine, China, France and the United Kingdom.

The annexed draft recommendation was unanimously agreed.

W. Blow  
Convenor

Annex: 1



A N N E X

DRAFT RECOMMENDATION

PHONETIC FIGURE TABLE

considering

- a) that in radiotelephone communications between stations normally using different languages there are at present no agreed standard phonetic expressions for figures;
- b) that Appendix 11 to the Radio Regulations permit such figures to be expressed by means of the application of the phonetic letter equivalents, printed on the same horizontal line of the table, with the indication "as a number" spoken twice before and after such expressions;
- c) that this system is considered to be liable to confusion, with the intent of the letter significations, and the association of the positioning of the letters with their figure equivalents;
- d) that the international civil aeronautical mobile services use a phonetic figure table which is subject to modification as a result of speech tests still being carried out (see Table 'A' below);
- e) that it has been agreed to evaluate the efficiency of a phonetic figure table in the 'International Radiotelephone Code' contained in Recommendation No. ... (see Table 'B' below);

believes

- a) that the adoption of a standard phonetic figure table, for the expression of figures between stations in the international radiotelephone service where different languages are normally in use, is essential, especially in cases where the safety of life is involved;
- b) that the ideal solution would be a phonetic figure table comprised of words or expressions, the pronunciation of which would be more or less identical in the greatest possible number of languages and chosen to avoid any confusion with the words used in the phonetic letter table;

recommends

- a) that Administrations study this whole question, taking into account the existing and proposed phonetic figure tables, their evaluation and any modifications which might be made to them, also the possibilities of developing a new table likely to meet with universal appeal;
- b) that the results of their study should be communicated to the Secretary-General of the Union for the information of the members, well in advance of the next Administrative Radio Conference;
- c) that at the next Administrative Radio Conference consideration be given to the adoption of a standard phonetic figure table for the use of all services in radiotelephone communications where language difficulties are likely to arise.

	<u>A</u>	<u>B</u>
0	ZERO	ZERO
1	WUN	WUN
2	TOO	BIS
3	TREE	TER
4	POWER	QUARTO
5	FIFE	PENTA
6	SIX	SAXO
7	SEVEN	SETTE
8	AIT	OCTO
9	NINER	NONA
Decimal	DAY-SEE-MAL	DECIMAL
Thousand	TOUSAND	

WORKING GROUP 5A

DRAFT

RECOMMENDATION TO THE C.C.I.R. AND TO  
ADMINISTRATIONS ON INTERNATIONAL MONITORING

The Administrative Radio Conference of Geneva (1959),

considering:

a) the desirability of achieving a more effective use of the radio spectrum in order to assist Administrations in satisfying their frequency requirements, and, to that end, the desirability of making the International Frequency List more accurately reflect the actual use being made of the radio spectrum;

b) the provisions of the Radio Regulations (Geneva, 1959), under which the International Frequency Registration Board shall review the entries in the Master International Frequency Register with a view to bringing them into conformity with actual frequency usage to the maximum extent practicable;

c) that monitoring information should assist the Board in discharging that function;

recognizing:

a) that an international monitoring system cannot be fully effective unless it covers all areas of the world;

b) that at present in certain areas of the world monitoring facilities are either non-existent or insufficient to provide effective coverage;

invites the C.C.I.R.:

in collaboration with the Board, to study and make technical recommendations concerning the additional facilities required to provide adequate coverage in all areas of the world for the purposes of Articles 10, 11 and 18 of the Radio Regulations (Geneva, 1959), and

invites the Administrations:

1) to make every effort to develop monitoring facilities as envisaged in Article 18 of the Radio Regulations (Geneva, 1959), bearing in mind the means which may be made available through the UN Expanded Programme of Technical Assistance and the UN Special Fund.

2) to inform the Board of the extent to which they are prepared to cooperate in monitoring of a specific nature requested by the Board.

WORKING GROUP 5A

DRAFT REPORT

of Chairman of Working Group 5A to Committee 5

1. Terms of Reference of 5A

The terms of reference given to Working Group 5A at the fourth meeting of Committee 5 (Annex to Document No. 167) were based on a recommendation to Committee 5 from an ad hoc group as follows:

"It should form a Working Group for notification and registration procedure and specifically to deal with Chapter IV of the Radio Regulations (other than those matters treated in Article 6 of the Convention) and Chapter VII of the E.A.R.C. Agreement, as soon as the general discussion is completed."

2. Participants

Delegates from the following countries took part in the work of Working Group 5A:

Argentine Republic  
Australia (Commonwealth of)  
Brazil  
Canada  
China  
Vatican City State  
Colombia (Republic of)  
Korea (Republic of)  
Denmark  
Spain  
United States of America  
Ethiopia  
France  
India (Republic of)  
Indonesia (Republic of)  
Iran  
Ireland  
Italy  
Japan  
Libya (United Kingdom of)  
Luxembourg  
Mexico  
Norway  
Pakistan  
Netherlands (Kingdom of the)

Philippines (Republic of the)  
Portugal  
Portuguese Overseas Provinces  
United Arab Republic  
Federal Republic of Germany  
United Kingdom of Great Britain and Northern Ireland  
Sweden  
Switzerland (Confederation)  
Czechoslovakia  
Group of the Different States and Territories represented by  
the French Overseas Postal and Telecommunication Agency  
Turkey  
Union of South Africa and Territory of South-West Africa  
Union of Soviet Socialist Republics

Private Operating Agency

C.P. Radio Marconi

3. Sub-Working Groups, their terms of reference and membership

Working Group 5A formed the following Sub-Working Groups:

Sub-Working Group 5A1 - Terms of reference: "To prepare drafts of new regulations as requested by Working Group 5A".

Membership: those taking part in the work of the Group were:

- |     |                            |                          |
|-----|----------------------------|--------------------------|
| 1)  | Spain                      | (Mr. José Pardo)         |
| 2)  | United States of America   | (Mr. Paul D. Miles)      |
| 3)  | France, on behalf of:      | (Mr. A. Henry)           |
|     | Belgium, Italy, France and | (Mr. Y. Place)           |
|     | France Overseas            |                          |
| 4)  | Japan                      | (Mr. Rintaro Shida)      |
| 5)  | Mexico                     | (Mr. L. Barajas)         |
|     |                            | (Mr. J. de J. Hernández) |
| 6)  | Pakistan                   | (Mr. S.A. Sathar)        |
|     |                            | (Mr. M. Iqbal)           |
| 7)  | United Kingdom             | (Mr. W.A. Kirkpatrick)   |
|     |                            | (Mr. P.N. Parker)        |
| 8)  | Czechoslovakia             | (Mr. M. Joachim)         |
| 9)  | U.S.S.R.                   | (Mr. N. Krasnosselski)   |
| 10) | I.F.R.B.                   | (Mr. F. Dellamula)       |
|     |                            | (Mr. R. Petit)           |

The Chairman of the Group was Mr. A. Henry of the French Delegation, but he was relieved at times by Mr. Y. Place of the same Delegation.

Sub-Working Group 5A2 - Terms of reference: "To examine matters arising from the use of frequency bands by different services where one service enjoys priority and where lists and plans have been prepared and adopted for one or more services in these bands;

To recommend methods of solutions for the problems that arise, taking into account Document No. 242 (Rev.) and the I.F.R.B. Report Document No. 20, Reference 3.3.5."

Membership

Canada	(Mr. A.J. Dawson) Convenor
India	(Mr. V.V. Rao)
Netherlands	(Mr. P.C. Willems)
I.F.R.B.	(Mr. F. Dellamula)

In addition, a group was formed to study and determine how RR 326 and RR 327 of Atlantic City could be combined.

Membership

U.S.A.	(Mr. Paul D. Miles)
I.F.R.B.	(Mr. F. Dellamula)

Throughout the whole course of the work of Working Group 5A, the I.F.R.B. prepared information to assist deliberations in the Group (e.g. monitoring station maps and question of slight probability of Harmful Interference among others). This assistance was invaluable.

4. Work of Working Group 5A

Working Group 5A held meetings and approached its work by first considering all the proposals made by countries in respect of Article 11. These proposals were divided into the following groups:

Overall Proposals	Intermediate Proposals	Partial Proposals
Spain United States of America  France, on behalf of: Belgium, Italy, France and France Overseas Japan Mexico United Kingdom Czechoslovakia U.S.S.R.	Argentina * Federal Republic of Germany *	Australia China  Morocco Pakistan Switzerland British West Africa

\* Subsequently withdrawn with or without reservations.



The Delegations of the Administrations concerned were requested to present the proposals in the alphabetical order of the French names, confining themselves to points of substance rather than of detail. Following each presentation, other Delegates questioned the Delegates presenting the proposals and in this way the Working Group gained a good insight into what was involved in each.

In each case, the Delegate concerned was given all the time he needed, and there was no restriction on questions from other Delegates.

The presentation of proposals in respect of Article 11 took ten meetings. Following this presentation, the Drafting Group prepared a list of important issues, in chronological order, which had been brought out during the presentation of Administrations proposals (Document No. DT 255). Working Group 5A then entered a discussion on these items. This work took ten meetings.

During the discussions on this Agenda, an endeavour was made to find areas of agreement between different lines of thought and with this approach, the Drafting Group was enabled to proceed with its work simultaneously.

Following completion of discussion on Article 11, attention was turned to Articles 10 and 12, and a discussion taken in accordance with the Agenda appearing in Document No. DT 511. Once again, Delegations of Administrations making proposals presented them, discussion followed, and an endeavour made to find areas of agreement. The preliminary discussion on Articles 10 and 12 occupied three meetings.

When this work was completed, attention was paid to miscellaneous documents and proposals referred to the Group, and an Agenda prepared to cover these (Document No. DT 572 - items 1 to 6 inclusive). Discussion on these occupied only one meeting, but all the discussions up to this stage occupied 26 meetings.

The time involved in discussion was most extensive because of:

- a) the complexity of the subject, and
- b) the evident desire of all Delegates to study the issues involved in a thorough manner, having regard to the implications.

It is, therefore, desirable that a schedule showing meetings against subjects discussed be given to be of assistance to the next Administrative Radio Conference. It is as follows:

<u>Meeting</u>	<u>Date</u>	<u>Subject matter</u>
1st	1 September	Organization of work
2nd	3 September	Spanish Proposals (Article 11)
3rd	8 September	" " " "
4th	9 September	U.S.A. Proposals (Article 11)
5th	10 September	France, on behalf of Belgium, Italy, France and France Overseas (Article 11)
6th	14 September	Proposals of: a) Japanese Administration b) Mexican Administration (Article 11)
7th	16 September	a) Questions on Japanese Proposals b) United Kingdom Proposals
8th	18 September	Proposals of Czechoslovakia
9th	21 September	U.S.S.R. Proposals
10th	22 September	U.S.S.R. Proposals (and Chairman's Summary)
11th	23 September	All other proposals (Article 11)
12th	25 September	General discussion
13th	28 September	Document No. DT 255
14th	30 September	" " " "
15th	1 October	" " " "
16th	5 October	" " " "
17th	7 October	" " " "
18th	8 October	" " " "
19th	9 October	" " " "
20th	12 October	" " " "
21st	15 October	" " " "
22nd	16 October	" " " "

<u>Meeting</u>	<u>Date</u>	<u>Subject matter</u>
23rd	19 October	Document No. DT 511 (Articles 10 and 12)
24th	20 October	" " " " " "
25th	21 October	" " " " " "
26th	27 October	Document No. DT 572 (items 1 to 6)
27th	2 November	Column 2 (Unplanned bands)
28th	3 November	Column 2 " "
29th	4 November	Document No. DT 634
30th	4 November	" " " "
31st	9 November	" " " ", Document No. DT 649
32nd	10 November	Document No. DT 688, Document No. DT 649
33rd	18 November	Document No. DT 730 (Rev.), Items 2, 4a, 4b and 4c
34th	19 November	Document No. DT 730 (Rev.) (1e and 1b)
35th	23 November	Document No. DT 730 (Rev.), Document No. 588, Document No. 552
36th		
37th		
38th		
39th		
40th		
41st		
42nd		
43rd		
44th		
45th		

##### 5. Presentation of Proposals

It was found at an early stage of the work that the "Yellow Book" method of presentation of proposals by proposal number against A.C.R.R. number introduced a lack of continuity in thought processes. Of course, some Administrations had requested that their proposals be printed without break, but where this was not done, it was necessary, to facilitate work, for the proposals to be re-issued in co-ordinated form.

Consideration needs to be given to this matter for future Conferences.

6. Acknowledgements

The Chairman would like to acknowledge the support given him by the Vice-Chairman of the Group - Mr. C. Gillioz of the Delegation of Switzerland.

The Chairman would be failing in his duty if he did not also acknowledge the very considerable work done by all the members of the Drafting Group 5A1. The members of this Group have worked very long hours in the interests of the Conference and it is felt that this needs to be fully acknowledged.

At the same time, it is necessary to acknowledge the very ready help extended by all Delegations and the I.F.R.B. Then too, the assistance by all permanent and temporary I.T.U. staff - Secretariat, interpreters, translators, operators and messengers - has been most helpful to the Group.

7. Conclusion

Working Group 5A has pleasure, therefore, in transmitting the following to Committee 5 for consideration:

Document No.	Article 10
Document No.	Article 11
Document No.	Appendix 1
Document No.	Article 12
Document No.	Resolution regarding transfer of entries from the record into the register.
Document No.	Statements by Delegations whose administrations do not agree with the foregoing appendices.
etc.	

G. Searle  
Chairman

WORKING GROUP 5A

ARTICLE 14

Sub-Working Group 5A1 recommends that paragraph 1 of Article 14 published in the Annex to Document No. 319 be drafted as follows:

1. Administrations should exercise the utmost goodwill and mutual assistance in the application of the provisions of Article 45 of the Convention and of this article to the settlement of problems of harmful interference.

Furthermore, the addition of the following paragraph is recommended:

1a. In the settlement of these problems, all factors involved shall be given due consideration, such as, amongst other things, the relevant technical and operating factors (adjustment of frequencies, characteristics of transmitting and receiving antennae, time sharing, change of channels within multichannel transmissions, etc.).

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Sub-Working Group 5A1 recommends the following texts for  
No. 391 of Article 14:

391 MOD § 6. (1) If it is considered necessary, and in particular if the preceding action has given no satisfactory results, the Administration concerned shall forward details of the case to the International Frequency Registration Board for information.

391a ADD (2) In such a case, the Administration concerned may request the Board to act in accordance with the provisions of Section VII of Article 11, but shall supply the Board with the full facts of the case, including the technical and operational details and copies of the correspondence.

391b ADD (3) However, the Board shall not be required to deal with problems of harmful interference between stations operating in conformity with the Table of Frequency Allocations, and in the same band, in those cases where at least one of the stations uses a frequency which is not required to be notified according to Nos. 314 or 315 of these Regulations. Such cases of interference shall be resolved by appropriate bilateral or multilateral arrangements in which Administrations should particularly observe the provisions of No. .... [para. 1 of the Annex to Document No. 319]

ADMINISTRATIVE RADIO  
CONFERENCE

GENEVA 1959

Document No. DT 828-E

23 November, 1959

WORKING GROUP 5A

PROGRAMME FOR FUTURE WORK OF WORKING GROUP 5A

1. Documents from Drafting  
Group (5A1)

a) Draft of Article 10  
(Revised)

DT 632  
DT 632 (Rev.)

526  
552

PLENARY AD HOC  
Committee 5 Ad Hoc  
PLENARY Decisions

b) Draft of Article 11  
(Revised)  
Including Compromise  
solution on dates and  
revision of RR 310,  
311, 312 and 313

DT 649  
DT 776  
DT 778

DT 739  
588  
552  
DT 688

Aeronautical  
H/F Broadcasting  
Committee 5 Ad Hoc  
Slight Probability of Harmful  
Interference

DT 460  
DT 460(Rev.)

5A Ad Hoc Report

c) Draft of Article 12  
(Revised)

DT 633

d) Draft of Appendix I

DT 634  
DT 766 & ADD.1

Power: Letter from Chairman  
Committee 6 and 14th  
Meeting Committee 6

e) Draft Resolution about  
transferring entries from  
the Record to the Register

5A decision

1	2	3
f) Draft Recommendations to C.C.I.R. and Administrations about Monitoring (Article 18)	DT 689 537 (Mexico)	Monitoring Station Maps
g) Draft Resolution about registration of frequencies of stations operated by one Administration in another Administration's Territory		5A decision Yellow Book Proposal 3846 p. 296.1 (Morocco)
h) Advice to Committee 6 regarding Definitions (from Committee 5)		a) Letter from Committee 6 to Committee 5 b) Decision in 5A c) Reference Mexican Proposal Yellow Book Page 292.4
i) Advice to Committee 6 regarding Article 14 in relation to Article 11  Procedure in a Case of Harmful Interference. (Ref RR 391, 355 and certain Proposals of Administrations)	DT 776 (Annex)	Also following Yellow Book Proposals:- 3985-3990 (USA)  5075 (Spain) (1327, 1328, (Netherlands) (1334-1337 1340 (France, French OPTA, Morocco) 1342 (U.S.S.R.)
2. Documents from Working Group 5A2  (Regarding "Footnotes")	403 (India) 242 (Rev.2)	4F to Committee 4
3. Finalisation of any matters arising from Chapter VII of E.A.R.C.		
a) Paragraphs Nos. 53 and 54 E.A.R.C. (Ref DT 719, page 7, No. 8 from Working Group 5B)		From Committee 5 to Working Group 5A Decision in 5A



- b) Article 6, Section II, and Paragraph  
No. 228 Article 33 E.A.R.C.  
(Ref DT 719, page 7, No. 9)
- c) Cessation of provisions of E.A.R.C.
- d) Other matters
- 4. Draft of Chairman's Report
- 5. Reservations
- 6. Other Business
  - a)
  - b)
  - c)

Note: It is proposed to deal with the above  
items in the manner which will expedite  
the work of the Group to the maximum.

G. Searle  
Chairman

1	2	3
		From Committee 5 to Working Group 5A Decision in 5 A

WORKING GROUP 5A

D R A F T

RESOLUTION No. ....

Notification of frequency assignments

The Administrative Radio Conference (Geneva, 1959),

in the light:

- of the Preamble to the Convention
- of Article 41 of the Convention (Special Arrangements)
- of Article 4 (Special Arrangements) of the Radio Regulations
- of Article 11 (Notification and recording of frequencies in the Master International Frequency Register) of the Radio Regulations

resolves:

that, unless it is specifically stipulated otherwise by special arrangements communicated to the Union by the parties concerned, the notification of frequency assignments in accordance with the Radio Regulations shall be made by the Administration of the Government on whose territory the station is located.

WORKING GROUP 7A8

REPORT

by Working Group established to study and make  
recommendations concerning the composition of APPENDIX 7  
Service Document Symbols

The Working Group was comprised of Delegates from Australia, France, the Federal Republic of Germany, the United States of America and representatives from the I.F.R.B. and the Secretary-General's staff.

The Group considered all of the proposals submitted to this Conference by Australia (Proposal No. 2789), Denmark, Finland, Iceland, Norway and Sweden, (Proposal No. 2790), the United States of America, (Proposals Nos. 2791 through 2810), France, French O.P.T.A. (Proposals Nos. 2811 through 2817), France, French O.P.T.A., Morocco (Proposals Nos. 2818 through 2828), India (Proposal No. 2829) and the Federal Republic of Germany (Proposal No. 5125 contained in Document No. 71).

The attached Annexes contain the recommendations of Working Group 7A8 concerning each of the above Proposals. Additional symbols are also recommended by the Group for inclusion in Appendix 7.

In completing the task given this Working Group I wish to extend my thanks to Mr. Keith of Australia, Mr. Harder of the Federal Republic of Germany, Mr. Martinez of France, Mr. Kunz representing the Secretary-General and Mr. Wettstein representing the I.F.R.B. for their excellent co-operation and advice.

William F. Bradley

Chairman


A N N E X 1

APPENDIX 7


Service Document Symbols  
(See Article 20 and Appendix 6)

COMMENTS


U.S. Proposal 2791/2792

MOD  station on board a warship or a military  
or naval aircraft (the symbol "GS" may  
be used in notifications)


AUS Proposal No. 2789  
as modified by Working  
Group adopted

MOD  station classified as situated in a  
region of heavy traffic (Article 33) (the  
symbol "TI" may be used in notifications)

AUS Proposal No. 2789 as  
modified by Working Group  
adopted

MOD  by day  
(the symbol "HJ" may be used in  
notifications).




AUS Proposal No. 2789 as  
modified by Working Group  
adopted

MOD  by night  
(the symbol "HN" may be used in  
notifications).

AUS Proposal No. 2789 as  
modified by Working Group  
adopted

MOD ( ) a ship which carries lifeboats equipped  
with radio apparatus; a number inside  
the brackets shows the number of such  
lifeboats. (the symbol "S" may be used  
in notifications)

AUS Proposal No. 2789 as  
modified by Working Group  
adopted.

MOD		radio direction-finder on board a mobile station (the symbol "GN" may be used in notifications)] *	AUS Proposal No. 2789 as modified by Working Group. *See DNK, FNL, ISL, NOR and S Proposal 2790 to delete this symbol. See also report of Working Group 7A7 concerning Proposal 2749 B of HOL
ADD		high traffic ship (the symbol "HS" may be used in notifications)] *	Working Group 7A8 proposal adopted.
ADD		radar facilities available (the symbol R( may be used in notifications)	F Proposal No. 2812 and USA Proposal No. 2794 as modified by Working Group adopted
NOC	AL	aeronautical radionavigation land station	
NOC	AM	aeronautical radionavigation mobile station	
ADD	AT	amateur station	D Proposal No. 5125 Document No. 71 adopted
ADD	AX	aeronautical fixed station	D/USA Proposals Nos. 5125, 2797 adopted.
MOD	BC	broadcasting station, sound	D Proposal No. 5125 as modified by Working Group adopted. USA Proposal No. 2795, 2797 was withdrawn.

ADD	BT	broadcasting station, television	D/USA Proposals Nos. 5125 and 2797 adopted
ADD	C	continuous operation during hours shown	USA Proposal No. 2797 adopted
ADD	Ca	cargo ship	Working Group 7A8 proposal adopted
NOC	CO	station open to official correspondence exclusively	
NOC	CP	station open to public correspondence	
NOC	CR	station open to limited public correspondence	
NOC	CV	station open exclusively to correspondence of a private agency	
NOC	D30°	directive antenna having maximum radiation in the direction of 30° (expressed in degrees from true North, from 0 to 360° clockwise)	
NOC	DR	directive antenna provided with a reflector	
ADD	EX	experimental station	D Proposal No. 5125 adopted
NOC	FA	aeronautical station	
NOC	FB	base station	
NOC	FC	coast station	

ADD	FE	earth station (space service)	Working Group 7A8 proposal adopted
ADD	FL	land station	USA Proposal No. 2800 adopted
NOC	FR	receiving station only, connected with the general network of telecommunication channels	
NOC	FS	land station established solely for the safety of life	
NOC	FX	fixed station	
NOC	GMT	Greenwich Mean Time	F Proposals Nos. 2819 and 2828 were withdrawn
ADD	H	scheduled operation	USA Proposal No. 2801 as modified by the Working Group adopted
MOD	H8	8-hour service provided by a ship station of the second category	F Proposal No. 2820 adopted. USA Proposal No. 2702 was withdrawn
MOD	H16	16-hour service provided by a ship station of the second category	F Proposal No. 2821 adopted. USA Proposal No. 2803 was withdrawn
MOD	H24	continuous throughout the twenty-four hours	F Proposal No. 2822 as modified by the Working Group adopted

MOD	HJ	day service	F Proposal No. 2823 adopted.
			USA Proposal No. 2804 was withdrawn
ADD	HN	night service	F Proposal No. 2824 adopted.
			USA Proposal 2805 was withdrawn
ADD	HT	transition service	USA Proposal No. 2805 as modified by the Working Group adopted
MOD	HX	intermittent throughout the twenty- four hours, or station having no specific working hours	F Proposal No. 2825 as modified by the Working Group adopted
ADD	I	intermittent operation during the time indicated	USA Proposal No. 2806 adopted
ADD	<u>LP</u>	land radiopositioning station <sup>*</sup>	USA Proposal No. 2806 adopted
ADD	MA	aircraft station	D/USA Proposals Nos. 5125 and 2806 adopted
ADD	ME	space station	7A8 proposal adopted
ADD	ML	land mobile station	D/USA Proposals Nos. 5125 and 2806 adopted
ADD	MO	mobile station	D/USA Proposals Nos. 5125 and 2806 adopted



ADD	<u>MP</u>	mobile radiopositioning station	*	USA Proposal No. 2806 adopted
ADD	MS	ship station		D/F/USA Proposals Nos. 5125, 2826 and 2806 adopted
ADD	ND	non-directional antenna		Working Group 7A8 proposal adopted
ADD	NL	maritime radionavigation station		D/USA Proposals Nos. 5125 and 2806 adopted
NOC	OT	station open exclusively to operational traffic of the service concerned		
ADD	Pa	passenger ship		Working Group 7A8 proposal adopted
NOC	RC	non-directional radiobeacon		IND proposal for replace- ment of RC by NDB was not adopted
NOC	RD	directional radiobeacon		
NOC	RG	radio direction-finding station		
NOC	RM	maritime radionavigation mobile station		
ADD	<u>RR</u>	radiodetermination station	*	Working Group 7A8 proposal adopted
ADD	<u>RS</u>	watch radar station	*	F Proposal No. 2827 adopted
NOC	RT	revolving radiobeacon		

ADD SM meteorological aids station

D/F/USA Proposals Nos. 5125,  
2809 and 2817 adopted

NOC SS standard frequency station

ADD TS television, sound channel

D Proposal No. 5125 as  
modified by the Working  
Group adopted

ADD TV television, video channel

D Proposal No. 5125 as  
modified by the Working  
Group adopted

A N N E X 2

APPENDIX 7

Service Document Symbols  
(see Article 20 and Appendix 6)

DELETIONS

SUP A Automatic Alarm Apparatus

SUP CF Coastal telephone station

SUP CT Coastal telegraph station

SUP SF Ship telephone station

SUP ST Ship telegraph station

SUP FAX (Symbol replaced by AX, no other  
change involved)

COMMENTS

F/DNK, FNL, ISL, NOR, S

Proposals Nos. 2811 and 2790  
deletion approved.

F/USA Proposals Nos. 2813 and  
2796 deletion approved.

F/USA Proposals Nos. 2814 and  
2798 deletion approved.

F/USA Proposals Nos. 2816 and  
2808 deletion approved.

F/USA Proposals Nos. 2815 and  
2810 deletion approved.

USA Proposal No. 2799 deletion  
of symbol approved.

A N N E X 3

APPENDIX 7

Service Document Symbols

Proposals Considered by  
Working Group 7A8, which  
were not adopted

AA	Automatic alarm apparatus
AG	Aeronautical radio direction-finding station
AP	Aeronautical radiobeacon station
PX	Station in the press service
RL	Radionavigation land station

COMMENTS

AUS Proposal No. 2798. Not  
applicable when [A] was deleted.  
USA Proposal No. 2794 duplicates  
"RG".  
USA Proposal No. 2797 duplicates  
["RC", "RD" and "RT"  
D Proposal No. 5125. Symbol  
"CR" was considered to be  
adequate.  
USA Proposal No. 2807 duplicates  
"AL" and "NL"

SUMMARY REPORT

of the fifth, sixth and seventh meetings

The fifth meeting was held on 9 November 1959 between 3 p.m. and 6.35 p.m.  
The sixth meeting was held on 10 November 1959 between 9 a.m. and 12.40 p.m.  
The seventh meeting was held on 10 November 1959 between 8.30 p.m. and 11.10 p.m.

- 
- Agenda: 1) Further discussion on Document No. DT 646 and the consideration of Addendum No. 1 and Addendum No. 2.  
2) Consideration of Documents Nos. DT 703 and DT 704.
- 

- I. It was agreed to ask the drafting group to take due notice of Document No. DT 703 while drafting the final report.
- II. In Document No. DT 645, it was agreed to:
- 1) modify paragraph B2 to read as follows:  
" The I.F.R.B. draft plans for the high frequency broadcasting bands were considered by most delegations to be unacceptable for the reasons given by their countries in their comments on those plans, and mainly because they do not satisfy present needs. However, the concept of making acceptable plans was generally supported."
  - 2) add the following paragraph between paragraphs B 2 and B 3:  
" If a frequency management procedure is adopted for the high frequency broadcasting bands, it should contain clear directives for the ultimate evolution of technically compatible plans."
  - 3) add the following words at the end of paragraph B 3:  
".....due to the congestion in the spectrum".
  - 4) add the following two paragraphs between paragraph B 3 and paragraph B 4:
    - i) The existence of intentional interference in the broadcast bands has added to the difficulty of operations in these bands.

ii) The use by certain countries of several frequencies of the same order for broadcasting to the same area is further aggravating this situation.

5) add the words "particularly in the morning and evening hours" in the fourth line of paragraph B 4 after the words "...subject to harmful interference".

6) add the following two paragraphs between paragraphs B 5 and B 6:

i) Many of the difficulties in finding clear frequencies were also due to the fact that, to a large extent, the M.R.F.R. does not at present actually represent the usage of the spectrum.

ii) In some new and developing countries certain difficulties are being experienced in maintaining operations owing to a tendency on the part of administrations to over-emphasize the importance of dates appearing in the M.R.F.R.

7) replace the existing paragraph B 8 by the following text:

" In some of the new and developing countries the use of frequencies below 5 Mc/s is generally unsatisfactory, particularly for broadcasting, because of the very high level of atmospheric noise."

8) add the following new paragraph after paragraph B 9:

" In some new and developing countries there is a need for better and more rapid facilities for the grinding of oscillator crystals and for the adjustment of the frequencies of existing crystals when necessary."

---

III. After a discussion on Part A of Document No. DT 645, Addendum No. 2, (and taking into account the relevant portions of Documents Nos. DT 645 and DT 704), it was agreed to:

1) include the following paragraph in Part C of Document No. DT 645:

" The I.F.R.B. should be directed to give special assistance to those new and developing countries which request such assistance in order to meet the frequency requirements of their national or international fixed services."

2) include the following paragraph in Part C of Document No. DT 645:

" In order that the M.R.F.R. will more accurately reflect actual spectrum usage and thus facilitate the selection of frequencies required by the new and developing countries for their services, all administrations should delete from that record all unused assignments. The I.F.R.B. should be directed to implement procedures to achieve this objective."

3) include the following paragraph in Part C of Document No. DT 645:

" With a view to accommodating the requirements of the new and developing countries which may not find it economically feasible to adopt alternative means of communication or to operate their services in bands other than those between 4 and 27.5 Mc/s, countries with the necessary resources should, wherever possible, transfer their present fixed operations in these bands to other bands or other means of communications (cables, radio relay, etc.)"

4) include the following paragraph in Part C of Document No. DT 645:

" The tendency on the part of Administrations to over-emphasize the importance of dates appearing in the M.R.F.R. should be discouraged."

5) include paragraph A 6, Addendum 2 in Part C of Document No. DT 645, with the addition: "...in order to meet the needs of new and developing countries".

The proposal contained in paragraph A 2 was withdrawn by the Delegate of Pakistan and paragraph A 5 could not be incorporated in the Final Report on account of the widely divergent and strong views expressed on it.

IV. Part B of the Addendum 2 to Document No. DT 645 was discussed in conjunction with relevant portions of Part C of Document No. DT 645 and Part I of Document No. 704. Relevant parts of the letter received from the Chairman of the I.F.R.B., expressing the views of the Board on the Technical Aspects of the splitting of High Frequency Broadcasting exclusive bands between National and International services, also came under discussion. After a free and extensive exchange of views, it was agreed to:

1) include paragraph B 2 of Addendum 2 in Part C of Document No. DT 645 with minor editorial adjustments.

2) add the following paragraph in Part C of Document No. DT 645:

" Such frequency management procedure should provide that special consideration be given to the broadcasting needs of those new and developing countries which request such assistance."

3) include paragraph B 3 of Addendum 2 in Document No. DT 645 in the form:

" The number of frequencies used for identical programmes addressed to the same area should be the minimum practicable to provide satisfactory service in the intended area."

4) include paragraph B 5 of Addendum 2 in Document No. DT 645 with minor editorial adjustments.

The time at the disposal of the Ad Hoc Group being limited, it was decided to form a drafting group consisting of the representatives of the Belgian Congo, Pakistan, U.S.A. and the Rapporteur of the Group, to draft a report for approval by the Ad Hoc Group at its next meeting scheduled for 11 November 1959, at 12 o'clock. The drafting group was instructed to give due consideration to those recommendations contained in Document No. DT 704 which could not receive detailed examination during the seventh meeting on account of limited time.

Rapporteur:

Maqbool Ahmad

Chairman:

M. N. Mirza



ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 832-E  
24 November, 1959

AD HOC GROUP  
COMMITTEE 5

SUMMARY REPORT

of the 8th meeting, 11 November, 1959, at 12 noon.

Agenda: Consideration of the final report of the Ad Hoc Group to  
Committee 5 as drafted by the sub-group.

In presenting the report, the Chairman of the Drafting Group, Mr. Locber, indicated the changes that had been made in the Draft Report (Document No. DT 645) in the light of the discussions held in the meetings of the Ad Hoc Group and according to the instructions given to the sub-group in the seventh meeting.

After an exchange of views lasting about an hour, the report was approved without any modifications and the Rapporteur of the group was asked to take all the steps necessary to get it issued well before the next meeting of Committee 5.

The meeting adjourned at 1.05 p.m.

Rapporteur,  
Maqbool Ahmad

Chairman,  
M. N. Mirza

COMMITTEE 6

A G E N D A

Fifteenth Meeting - Committee 6 (Technical)

Thursday, 26 November, 1959 at 09.00 hours - Room C

1. Summary Record, twelfth meeting, Committee 6 (Document No. 596)
2. Summary Record, thirteenth meeting, Committee 6 (Document No. 589)
3. Summary Record, fourteenth meeting, Committee 6 (if available)
4. Summary Record, seventeenth meeting, Working Group 6A (Document No. 591)
5. Report of Working Group 6A (Document No. 634)
6. Subdivision of Article 1
7. Definitions for width of antenna lobes (Document No. 626)
8. Definitions for Emergency and Reserve Transmitters (Document No. 581)
9. Definitions contained in Convention, Telephone and Telegraph Regulations (Document No. 585)
10. Report of Chairman of Ad Hoc Group No. 1
11. List of Definitions for Plenipotentiary
12. Report of Chairman of Ad Hoc Group No. 2 (additional format for frequency tolerance table)
13. Report of Chairman of Ad Hoc Group No. 5
  - a) Oral report
  - b) Draft Recommendation (Document No. 484)

14. Draft Recommendation (Document No. DT 640 Annex 2 and oral statement by Chairman of Working Group 6B)
15. E.A.R.C. Documents
  - a) Resolution No. 3
  - b) Recommendation No. 14
16. Bandwidth of maritime mobile transmitters (Document No. 460, Proposal No. 5547 of Document No. 405)
17. Other matters

M.N. Mirza

Chairman

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 835-E  
24 November 1959

COMMITTEE 4

A G E N D A

Thirty-first Meeting of Committee 4 (Frequency Allocation)

Wednesday 25 November 1959 at 1500 hours, Room A

and if necessary at 2030 hours, Room A  
=====

1. Recapitulation of the present position with regard to Articles 6, 7 and 9 of the draft new Radio Regulations (Document No. 631)
2. Document No. 629 - Report by Ad Hoc Group for Region 2 (Frequency band 510-535 kc/s)
3. Final consideration of the frequency bands 4,000-27,500 kc/s
  - a) Report from Committee 5 concerning Document No. 270 (Report of the Ad Hoc Group of Committee 4 - HF Broadcasting) if available.
  - b) Related documents:
    - Document No. 569 Working Group 4C to Committee 4
    - Document No. 455 (proposal 5554)
    - Document No. 509 (proposal 5561)
4. Draft Recommendation concerning the matter of international co-ordination in the selection of an appropriate frequency band for the development of air-ground public correspondence systems - (Document No. 635)
5. Draft Resolution concerning broadcasting stations outside national territories - (Document No. 647)
6. Any other business.

Gunnar Pedersen  
Chairman

WORKING GROUP 5A

REPORT

Sub-Working Group 5A2 to Working Group 5A

Sub-Working Group 5A2 was set up by Working Group 5A at its **enty**-sixth meeting on 26 October, 1959, with the following terms of reference:

1. to examine matters arising from the use of frequency bands by different services where one service enjoys priority, and where lists and plans have been prepared and adopted for one or more services in these bands;
2. to recommend methods of solutions for the problems that arise, taking into account Document No. 242 (Rev.), and the I.F.R.B. Report Document No. 20, Reference 3.2.5.

The problems referred to were brought to the attention of Working Group 5A in Document No. 403 presented to Committee 5 by the Delegation of India, and this was taken into account in the discussions of the Sub-Working Group.

Working Group 5A nominated the following Delegates to form the Sub-Working Group:

Mr. A.J. Dawson, Canada (Chairman)  
Mr. P.E. Willems, The Netherlands  
Mr. V.V. Rao, India

and Mr. G.E. Enright, Ireland, joined the Group at its preliminary meetings. Valuable and welcome assistance was provided by the I.F.R.B. which was represented by Mr. F. Dellamulla, along with Mr. D. Reynolds and Mr. E.J. Robinson of the I.F.R.B. Secretariat. The Sub-Working Group held ten meetings.

A study of the entries in the Master International Frequency Record showed that there were a number of assignments contained in the Regional Plans and Lists adopted by the E.A.R.C. which were not in conformity with the Atlantic City Table of Frequency Allocations, but which nevertheless, had been given Registration status. An examination of the New Table of Frequency Allocations approved by Committee 4, together with

the footnotes attached to the Table, shows that there are a number of types of operation not in conformity with the present or future Allocation Tables, all of which are confined mainly in the bands below 4 000 kc/s.

In addition to out-of-band operation, there are a limited number of assignments which indicate non-conformity to class of emission; e.g. bands which are exclusive to telegraphy (A1 F1) have assignments with A2 and A3 emissions recorded. This may have been an oversight on the part of Administrations and the Sub-Working Group feels that this should be brought to the attention of the Administrations with a view to modifying their Notifications in this respect. If this should not succeed, the Board should be authorized to make a second entry in the Register giving Notification Status to those classes of emission not in conformity with the Regulations.

There are also assignments to stations operating services which are not in conformity with the present or future Allocation Table; e.g. Aeronautical Radio Beacons are shown with the symbol FA instead of AL, and it may be that Administrations have misinterpreted these symbols when submitting their Notifications. There are also others which fall into the out-of-band category.

The Sub-Working Group, in giving earnest consideration to these problems felt that it would be logical to apply a general rule for the majority of cases, and agreed that Administrations should endeavour to transfer out-of-band services into authorized bands. In the meantime the I.F.R.B. should protect existing assignments having Registration status, until a review is made at the next Administrative Radio Conference.

The Sub-Working Group studied the question of assignments which had priority in accordance with the Atlantic City Table of Frequency Allocations in relation to the assignments of other services sharing the bands concerned and concluded that the latter assignments should be considered as a permitted service in accordance with 7(B) of Document 242/ pending a review by the next Administrative Radio Conference. Any other arrangement would disrupt planned radio services.

The conclusions of the Sub-Working Group are contained in the annexed Resolutions.

A.J. Dawson

Chairman

A N N E X 1

DRAFT RESOLUTION .....

RELATING TO FREQUENCY BANDS BELOW 4 000 KC/S (REGION 2) AND 3 950 KC/S (REGIONS 1 AND 3) EXCEPT FOR THE EXCLUSIVE AERONAUTICAL BANDS

The Ordinary Administrative Radio Conference of the International Telecommunication Union, Geneva, 1959

taking into account:

- a) assignments recorded in frequency bands where a service has priority in accordance with the Atlantic City Table of Frequency Allocations and will be a primary service in accordance with the Geneva Table of Frequency Allocations;
- b) classes of emission which are not in conformity with the Table of Frequency Allocations;
- c) classes of stations operating a service which is not in conformity with the Table of Frequency Allocations;

considering:

1. that the Extraordinary Administrative Radio Conference (Geneva 1951) adopted an International Frequency List for these bands and according to its decisions, entries were made in the Master Radio Frequency Record with dates in the Registration Column for those bands where Article 11 of the Radio Regulations was in full force; and with dates in the Registration Column in Region 2 and 3, and in the Notification Column for Region 1 for those bands where Article 33 of the E.A.R.C. Agreement applied, except for the exclusive aeronautical bands above 2 850 kc/s;

- a) as initial entries for assignments to stations each operating in accordance with the Atlantic City Table of Frequency Allocations in a service which shared the band with another service having priority, and which is a secondary service, in accordance with the Geneva Table of Frequency Allocations as defined in 7(A) of Document No. 2427;
- b) as subsequent entries for assignments for these non-priority services, when they were in accordance with Nos. 327, 328 and 329 of the Atlantic City Radio Regulations;

- c) as initial entries for assignments with classes of emission which are not in conformity with the Atlantic City Regulations or Table of Frequency Allocations, or will not be in conformity with the Geneva Regulations or Table of Frequency Allocations;
- d) as initial entries, for assignments to stations operating a service not in conformity with the Atlantic City or Geneva Table of Frequency Allocations;
- e) as subsequent entries with dates in the Notification Column for non-priority services when they were in accordance with Nos. 233 and 234 of the E.A.R.C. Agreement;

whereas:

- f) certain initial or subsequent entries for assignments to stations operating a service in accordance with the Atlantic City Table of Frequency Allocations may no longer be in conformity with the Geneva Table of Frequency Allocations;

and also considering:

that these assignments will constitute basic entries in the Master International Frequency Register;

resolves:

1. that the assignments referred to in a) and b) above, shall be considered as if they are of a permitted service, as defined in 7(B) of Document No. 242, and accordingly, the I.F.R.B. shall apply the Notification and Registration procedure adopted by this Conference;
2. that for the assignments referred to in c) above, the operation of these services should be brought into conformity with the provisions of the Radio Regulations and the Table of Frequency Allocations by discontinuing the use of those classes of emission which are not authorized, and that on the effective date of the Master International Frequency Register those entries remaining with unauthorized classes of emission shall be transferred in two parts as follows: that part comprising the authorized class of emission shall be entered with the existing date in the Registration Column, and the unauthorized class of emission shall be entered separately with the same date in the Notification Column;
3. that the assignments referred to in d) and f) above, should be transferred as soon as practicable into their appropriate bands and that in the meantime, those assignments with a date in the Registration Column shall be considered as if they are of a permitted service, as defined in 7(B) of Document No. 242, and accordingly, the I.F.R.B. shall apply the notification and registration procedure adopted by this Conference;



4. that the assignments referred to in c) above, shall be considered as if they are of a permitted service, as defined in 7(B) of Document No. 2427, provided that, after examination by the I.F.R.B. these assignments are found to be in conformity with the provisions of Nos 327, 328 of the Radio Regulations;

and decides:

- a) to instruct the I.F.R.B. to inform the Administrations concerned of the entries referred to in items 2 and 3 above;
- b) to urge Administrations to take the required action;
- c) and to invite the next Administrative Radio Conference to re-consider the situation.

A N N E X 2DRAFT RESOLUTION.....

CONCERNING SHARED FREQUENCY BANDS BETWEEN 3 950 KC/S (REGIONS 1 & 3), 4 000 KC/S (REGION 2) AND 27 500 KC/S

The Ordinary Administrative Radio Conference of the I.T.U.  
Genova, 1959,

taking into account:

assignments recorded in frequency bands where a service has priority in accordance with the Atlantic City Table of Frequency Allocations and will be a primary service in accordance with the Geneva Table of Frequency Allocations;

considering:

that the E.A.R.C. (Geneva 1951) did not adopt any Lists or Plans for the bands mentioned above and accordingly entries were made in the M.R.F.R. with dates in Column 2c only;

- a) as initial entries, notified to the I.F.R.B. in accordance with No. 272 of the E.A.R.C. Agreement (Geneva 1951), for assignments to stations, each operating in accordance with the Atlantic City Table of Frequency Allocations in a service which shared the band with another service having priority and which is a secondary service in accordance with the Geneva Table of Frequency Allocations, as defined in 7(A) of Document No. 242/;
- b) as subsequent entries, for assignments for these non-priority services;
- c) that the assignments referred to in (a) above have not been subject to the examination mentioned in No. 235(i) of the E.A.R.C. Agreement (Geneva, 1951);

and also considering:

that these assignments will constitute basic entries in the Master International Frequency Register;

resolves:

1. that the assignments referred to in (a) above shall be considered as if they are of a permitted service, as defined in 7(B) of Document No. 242/ and that accordingly, the I.F.R.B. shall apply the notification and registration procedure adopted by this Conference;

2. that the assignments referred to in (b) above, shall be considered as if they are of a permitted service, as defined in 7(B) of Document No. 242/ provided that these assignments are in conformity with Nos. 327, 328/ of the Radio Regulations;

and decides:

to invite the next Administrative Radio Conference to reconsider the situation.

A N N E X 3

DRAFT RESOLUTION ....

CONCERNING THE REVIEW OF ENTRIES FOR "PRIORITY" SERVICES IN  
THE FREQUENCY BANDS BELOW 2 850 KC/S (2 000 KC/S REGION 2)

The Administrative Radio Conference,

considering:

- a) that in certain of the frequency bands of the Atlantic City Table of Frequency Allocations, "priority" is given to particular services;
- b) that in the Geneva Table of Frequency Allocations a number of the "priority" services will be "primary" services as defined in 7A of Document No. 2427;
- c) that in the bands for which Article 11 of the Atlantic City Radio Regulations was in full force, the I.F.R.B., in the absence of any definitions or explanations in the Atlantic City Radio Regulations which clarified the conditions governing these priority provisions, did not take into account the probability of harmful interference being caused to those assignments of other classes of service with which the priority service shared the frequency band concerned;
- d) that since the concept of primary and secondary services as now defined in 7A of Document No. 2427 had not been so defined earlier and that all Administrations could not fully appreciate and plan for the effect its application would have on their operation of secondary services;

therefore resolves

- 1. that if requested by those Administrations whose assignments for secondary services were not taken into account in the examination of subsequent entries of assignments for "priority" services, the I.F.R.B. shall review those assignments for the "priority" services;
- 2. that, however, each of the entries of assignments for these "priority" services shall be maintained without change unless the Administration concerned agrees to its amendment or deletion.

GENEVE, 1959

COMMISSION 7  
COMITÉE 7.  
COMISIÓN 7

SEANCES DE LA COMMISSION 7  
POUR LA SEMAINE COMMENÇANT LE 30 NOVEMBRE

Pendant la semaine qui va commencer le 30 novembre, en plus des séances prévues, la Commission 7 se réunira lorsqu'elle le pourra avant les séances des sous-commissions. Chaque fois que possible, l'ordre du jour sera indiqué la veille.

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PLENARY MEETINGS OF COMMITTEE 7  
WEEK COMMENCING 30 NOVEMBER, 1959

During this week, in addition to scheduled meetings, plenary meetings will be held, when possible, preceding Sub-Committee meetings. Whenever possible, the agenda will be announced on the day preceding the plenary session.

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SESIONES PLENARIAS DE LA COMISIÓN 7  
EN LA SEMANA QUE EMPIEZA EL 30 DE NOVIEMBRE DE 1959

Además de las sesiones previstas para esta semana, y siempre que sea posible, la Subcomisión 7 se reunirá en sesión plenaria antes de reunirse las Subcomisiones. El Orden del día se anunciará, dentro de lo posible, la víspera del día en que hayan de celebrarse las sesiones.

Le Président par intérim

The Acting Chairman

El Presidente ad interim :

Y. Nomura

GENEVA , 1959

Document No. DT 838-F  
25 November, 1959

SUB-COMMITTEE 7A

REPORT

Report by Working Group 7A6 to Sub-Committee 7A

Working Group 7A6 was set up on 21 October at the twentieth meeting of Sub-Committee 7A. Its terms of reference were to prepare a text likely to be unanimously accepted by Sub-Committee 7A and based on Document No. 363 from the Federal Republic of Germany, proposal 5541 relating to number 488, art. 22 of the Atlantic City Regulations.

Working Group 7A6 held three meetings, on 27 October and 9 and 19 November, 1959 respectively. The Delegates of the following countries took part in its work:

Australia (by communicating an amendment in writing)  
Denmark (by describing to the Chairman his country's experience  
France ( Mr. Santter)  
Israel (Mr. Ron)er)  
Israel (Mr. Ron)  
Federal Republic of Germany (Mr. Koehler)  
U.S.S.R. (Mr. Sinitsyne)

In addition Mr. Page of the I.F.R.B lent his cooperation

At its final meeting, Working Group 7A6 adopted the text set out in the annex. However, the U.S.S.R Delegate reaffirmed his opinion expressed at an earlier stage to the effect that he regarded the new number as redundant in view of the existence of article 41 of the Buenos Aires Convention concerning special arrangements and because his delegation felt that a country should be entirely responsible for stations established in its territory.

Working Group 7A6 submits the text attached hereto to Sub-Committee 7A for approval.

R. Monnat,  
Chairman

Annex : 1

A N N E X

- 488 a) For broadcasting and mobile land transmitter stations operating on frequencies above 41 Mc/s, special arrangements concluded between the governments of neighbouring countries and compatible with the provisions of the present Regulations and with those of any regional agreements of which the countries concerned are signatories may allow for exceptions to the provisions of number 488. Such special arrangements based on geographical considerations shall be communicated to the Union for transmission to Administrations for information.

WORKING GROUP 5B1  
(REGION 1)

INTERSHIP - FREQUENCIES

1. After the meeting of Working Group 5B1 (Region 1) was adjourned, the Chairman, together with delegates of Norway, the Netherlands and the United Kingdom and Mr. Dellamula of the I.F.R.B. met, to decide on the further action to be taken with respect to the situation in the bands concerned.
2. The Group was of the opinion, that :
  - a) provisions should be made for notification and registration of assignments made subsequently to those contained in the List adopted at the E.A.R.C. (Geneva 1951) for Region 1;
  - b) That, in order not to disrupt present operations on planned assignments, it would be preferable to not recommend that the assignments concerned should be made available for all Administrations;
  - c) That, nevertheless, in the absence of any assignments in the List referred to in (a) above, for Spain and the U.S.S.R., every effort should be made to accommodate to the extent practicable, the requirements of both Administrations;
3. The group considered that :
  - a) in many cases, the areas of operation recorded in the M.R.F.R. as well as those contained in the requirements submitted by Spain and the U.S.S.R., are very large;
  - b) in many cases, the actual operations appeared to be restricted to only a part of the area defined;
  - c) therefore, the possibilities for sharing intership-frequencies might well be improved by indicating the sub-area in which the operations are actually carried out.
4. The Group was of the opinion that, in order to make suitable suggestions to the Working Party, a Sub-Working Party should further examine the possibilities referred to in item 3 above.

For that purpose, the Delegate of the Netherlands was requested to convene a meeting of delegates of the following Administrations :

Spain, France, Norway, Netherlands, United Kingdom of Great Britain and Northern Ireland and the Union of Soviet Socialist Republics.

P.E. Willems  
Convenor



PLENARY  
AD HOC GROUP (I.F.R.B.)

DRAFT REPORT

of the Plenary Ad Hoc Group (I.F.R.B.)

1. During its meeting on 23 November, 1959, the Plenary Assembly of the Administrative Radio Conference, having noted the decision of the Plenipotentiary Conference to amend Article 6, paragraph 3, of the Convention (Document No. 621) and to act in accordance with the modified text forthwith, constituted an Ad Hoc Group with the object of establishing a suitable procedure for the election of the members of the I.F.R.B.
2. The Group as constituted comprised delegates of Brazil, Ceylon, U.S.A., Ethiopia, France, Japan, United Kingdom, U.S.S.R. and the United Arab Republic under the Chairmanship of the Chairman of the Conference.
3. The Group recommends that the procedure for the election of the members of the I.F.R.B. contained in Annex 1 to this document be adopted. It will be noted that it is based on that adopted by the Plenipotentiary Conference for election of the Members of the Union which are to serve on the new Administrative Council.
4. The Group also recommends that the new members of the I.F.R.B. should take office on ..... 1960.

Charles J. Acton  
Chairman

Annex : 1

A N N E XPROCEDURE FOR THE ELECTION OF MEMBERS OF THE  
INTERNATIONAL FREQUENCY REGISTRATION BOARD

1. As the election must take place on a geographical basis, countries are grouped into five regions A, B, C, D and E as follows :

Region A - The Americas (23 countries)

Argentine Republic, Bolivia, Brazil, Canada, Chile, Republic of Colombia, Costa Rica, Cuba, Dominican Republic, Republic of El Salvador, Ecuador, United States of America, Guatemala, Republic of Haiti, Republic of Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Territories of the United States of America, Oriental Republic of Uruguay, Republic of Venezuela.

Region B - Western Europe (21 countries)

Austria, Belgium, Vatican City State, Denmark, Spain, Finland, France, Greece, Ireland, Iceland, Italy, Luxembourg, Monaco, Norway, Kingdom of the Netherlands, Portugal, Federal Republic of Germany, United Kingdom of Great Britain and Northern Ireland, Sweden, Confederation of Switzerland, Overseas Territories for the International Relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible.

Region C - Eastern Europe and Northern Asia (10 countries)

People's Republic of Albania, Bielorussian Soviet Socialist Republic, People's Republic of Bulgaria, Hungarian People's Republic, People's Republic of Poland, Federal People's Republic of Yugoslavia, Ukrainian Soviet Socialist Republic, Roumanian People's Republic, Czechoslovakia, Union of Soviet Socialist Republics.

Region D - Africa (15 countries)

Belgian Congo and Territory of Ruanda-Urundi, Group of the Different States and Territories represented by the French Overseas Postal and Telecommunication Agency, Ethiopia, Ghana, Republic of Guinea, Liberia, United Kingdom of Libya, Kingdom of Morocco, Spanish Provinces in Africa, Portuguese Overseas Provinces, United Arab Republic, Federation of Rhodesia and Nyasaland, Republic of the Sudan, Tunisia, Union of South Africa and Territory of South West Africa.

Region E - Asia and Australasia (27 countries)

Afghanistan, Kingdom of Saudi Arabia, Commonwealth of Australia, Union of Burma, Kingdom of Cambodia, Ceylon, China, Republic of Korea,

Republic of India, Republic of Indonesia, Iran, Republic of Iraq, State of Israel, Japan, Hashemite Kingdom of Jordan, Kuwait, Kingdom of Laos. Lebanon, Federation of Malaya, Nepal, New Zealand, Pakistan, Republic of the Philippines, Thailand, Turkey, Republic of Viet-Nam, Yemen.

2. The numbers of members to be elected from each of the regions A, B, C, D and E are as follows :

Region A - .....  
Region B - .....  
Region C - .....  
Region D - .....  
Region E - .....

3. The election shall take place by secret ballot.

4. Each delegation shall receive a voting slip bearing the names in French alphabetical order of the countries, Members of the Union, which have presented candidates for membership of the Board, grouped into the regions A, B, C, D and E. Against the name of each country shall be indicated the name of the candidate submitted by the country concerned.

5. Before proceeding to the vote, five tellers, one for each region, shall be designated by the Chairman.

6. Each delegation should indicate on its voting slip the names of the candidates it supports by means of crosses against the names of a maximum of :

.....	candidates for region	A
.....	"	B
.....	"	C
.....	"	D
.....	"	E

7. Voting slips bearing respectively for any region more than ....., ....., ..... or ..... crosses will be considered invalid for the region or regions concerned.

8. After the ballot, a list shall be drawn up by the Secretariat of the candidates in each region in decreasing order of the number of votes obtained. This list, after verification by the tellers, shall be handed to the Chairman of the Conference.

9. If, for any region, several candidates tie for the last place or places, a special vote shall be taken to decide between the candidates concerned,

10. The following shall be declared members of the I.F.R.B. :

The ...	candidates which obtained the most votes for Region	A
"	...	B
"	...	C
"	...	D
"	...	E

SUB-WORKING GROUP 4D EXPRESS

TEXT OF PROPOSED FOOTNOTES FOR INCLUSION IN THE ALLOCATION TABLE

- Footnote 1) In Albania, Bulgaria, Czechoslovakia, Hungary, Poland and Roumania the frequency bands 68 - 73 Mc/s and 76 - 87,5 Mc/s are allocated alternatively to the broadcasting service. In these countries broadcasting stations in these bands shall be established only in accordance with agreements and associated plans to be concluded at a special regional conference, to precede the next European VHF / UHF Broadcasting Conference and to be held not later than 1st May, 1960. In addition to the countries named above, the countries participating in the conference shall be Austria, Denmark, the Federal Republic of Germany, Greece, Italy, Sweden, Switzerland, Turkey, U.S.S.R. and Yugoslavia and other interested countries.
- Footnote 2) In Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Roumania and the U.S.S.R. the frequency band 223 - 230 Mc/s is allocated alternatively to the broadcasting service. The broadcasting service in these countries shall be introduced so as not to cause harmful interference to the aeronautical radionavigation service and broadcasting stations operating in this frequency band shall be established only in accordance with agreements and associated plans to be concluded at the next European VHF / UHF Broadcasting Conference.
- Footnote 3) In Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Roumania and the U.S.S.R. the frequency band 47 - 48.5 Mc/s is also allocated on a permitted basis to the fixed and mobile services and the frequency band 56,5 - 58 Mc/s is also allocated on a permitted basis to the fixed service.
- Footnote 4) RR 180 MOD (Rev. 2) In the U.S.S.R. the frequency band 68 - 73 Mc/s is allocated alternatively to the broadcasting service. The authorized services in other countries and the broadcasting service in the U.S.S.R. are subject to local agreement in order to avoid mutual harmful interference.

Note : RR 185 MOD will remain as shown in DT 798 ( page 8 )  
RR 186 to be suppressed and therefore to be shown as RR 186 SUP

C. W. Sowton  
Chairman

WORKING GROUP 5A1

TERMS AND DEFINITIONS

Working Group 5A1 considers that the following terms and definitions should not be included in the Radio Regulations :

1. Document No. 326

- 18q Distribution of frequency bands
- 18r Allocation of a frequency band to a service
- 18s Allotment of frequencies to an area or a country
- 18t Frequency allotment plan
- 18u Assignment of a frequency to a station
- 18c Change in Frequency Usage
- 18d Master Radio Frequency Record
- 18e Master International Frequency Register
- 18f International Frequency List
- 18n Appropriate Band
- 18o In-band Assignment
- 18p Out-of-band Assignment

2. Document No. DT 516

- 18.16 Distribution of frequency bands
- 18.17 Allocation of a frequency band to a service
- 18.18 Allotment of frequencies to an area or a country
- 18.19 Assignment of a frequency to a station
- 18.15 Examination for conformity
- 18.55 Prior operation
- 18.60 Future operation
- 18.65 Quasi-conforming operation
- 18.70 Monitoring

SOUS-GROUPE DE TRAVAIL 5B1  
(REGION 1)  
SUB-WORKING GROUP 5B1  
(REGION 1)

ORDRE DU JOUR

Première séance - Sous-Groupe 5B1 (Région 1)

Jouidi 26 novembre 1959, 20 h 30

Salle ....

(Vendredi 27 novembre 1959, 20 h 30)

1. Etude des possibilités de subdivision de grandes zones d'exploitation
2. Etude des besoins de l'Espagne et de l'U.R.S.S. en fréquences "navire-navire" (Documents DT 290 et DT 440).

AGENDA

First Meeting - Sub-Working Group 5B1 (Region 1)

Thursday, 26 November, 1959, at 8.30 p.m.

Room .....

(Friday, 27 November, 1959, at 8.30 p.m.)

1. Consideration of possibilities for the sub-division of large areas of operation.
2. Consideration of requirements of Spain and the U.S.S.R. for intership-frequencies (Documents No. DT 290 and DT 440).

Le Délégué chargé de réunir le groupe :  
The Convenor :

P. E. Willems

PLENIPOTENTIARY  
CONFERENCE

ADMINISTRATIVE RADIO  
CONFERENCE

GENEVA, 1959

Document No. DT 119-E (CP)  
Document No. DT 844-E (CAR)  
4 December, 1959

COMMITTEE C  
COMMITTEE 3

A G E N D A

Fifth meeting of Committee C/Committee 3

(Joint Budget Supervision Committee)

Wednesday, 9 December, 1959, at 3 p.m. - Room E

1. Approval of the summary record of the fourth meeting of the Joint Committee (Document No. 327 (PC) and Document No. 766 (ARC)).
2. Statement of expenditure and approximate estimated expenditure of the International Telecommunication Conferences, Geneva, 1959 (Document No. 328 (PC) and Document No. 767 (ARC)).
3. List of participants in the expenses of the International Telecommunication Conferences, Geneva, 1959 (Document No. 329 (PC) and Document No. 768 (ARC)).
4. Publication of the Final Acts of the Plenipotentiary and Radio Conferences. Share of printing costs to be borne by each conference, in accordance with Part F of Administrative Council Resolution No. 83 (amended). (Document No. 330 (PC) and Document No. 769 (ARC)).
5. Any other business.

J.B. Darnell

Chairman

GENEVE, 1959

COMMISSION 4  
COMMITTEE 4  
COMISION 4

O R D R E   D U   J O U R

32ème séance de la Commission 4 (Répartition des bandes de fréquences)

Jeudi 26 novembre 1959 à 1500 heures, Salle A

et, si besoin est, à 2030 heures, Salle A

1. Examen final des bandes de fréquences 4.000-27.500 kHz

- a) Rapport verbal du Président de la Commission 5 concernant le Document N° 270 (Rapport du Groupe spécial de la Commission 4 - radiodiffusion à hautes fréquences).

b) Documents y relatifs :

Document N° 569 (Groupe de travail 4C à la Commission 4)  
Document N° DT 90 - Addenda N°s 2 et 3  
Document N° 455 (proposition 5554)  
Document N° 509 (proposition 5561)

2. Examen du rapport du Groupe de travail 4C

- Bandes de fréquences 9.995-27.500 kHz (Document N° 651) (s'il est publié)

3. Divers.

A G E N D A

Thirty-second Meeting of Committee 4 (Frequency Allocation)

Thursday, 24 November 1959 at 1500 hours, Room A

and if necessary at 2030 hours, Room A

1. Final consideration of the frequency bands 4,000-27,500 kc/s

- a) Verbal report by the Chairman of Committee 5 concerning Document No. 270 (Report of the Ad Hoc Group of Committee 4 - HF Broadcasting).

b) Related documents:

Document No. 569 Working Group 4C to Committee 4  
Document No. DT 90 - Addenda Nos. 2 and 3  
Document No. 455 (proposal 5554)  
Document No. 509 (proposal 5561)

2. Consideration of the Report by Working Group 4E

- Frequency bands 960-10,500 Mc/s (Document No. 651) if available

3. Any other business.



ORDEN DEL DÍA

32.ª sesión de la Comisión 4 (Distribución de frecuencias)

Jueves, 26 de noviembre de 1959, a las 3 de la tarde, Sala A

y, en caso necesario, a las 2030 horas, Sala A

=====

1. Examen final de las bandas de frecuencias 4.000-27.500 kc/s

a) Informe verbal del Presidente de la Comisión 5 sobre el Documento N.º 270 (Informe del Grupo especial de la Comisión 4 - Radiodifusión por altas frecuencias).

b) Documentos relativos:

Documento N.º 569 (Informe del Grupo de trabajo 4C a la Comisión 4)

Documento N.º DT 90 - Addenda N.ºs 2 y 3

Documento N.º 455 (proposición 5554)

Documento N.º 509 (proposición 5561)

2. Examen del informe del Grupo de trabajo 4C

- Bandas de frecuencias 9.995-27.500 kc/s (Documento N.º 651) si se ha publicado

3. Otros asuntos.

Le Président :

Chairman:

El Presidente :

Gunnar Pedersen

GENEVE, 1959

COMMISSION 4  
COMITÉE 4  
COMISIÓN 4

O R D R E D U J O U R

33ème séance de la Commission 4 (Répartition des bandes de fréquences)  
Vendredi 27 novembre 1959 à 1500 heures, Salle B

1. Compte-rendu des 26ème et 27ème séances (Documents N° 639 et N° 640)
2. Rapport 4 spécial Service mobile maritime (Document N° 662)
3. Rapport 4 spécial Croix-Rouge (Document N° 656)
4. Rapport du groupe de travail 4E (Document N° 651 - bandes de fréquences 1 660-10 500 MHz)
5. Rapport du groupe de travail 4D (Document N° 653 - bandes de fréquences 27,5-235 MHz) s'il est publié

A G E N D A

Thirty-third Meeting of Committee 4 (Frequency Allocation)  
Friday, 27 November 1959 at 1500 hours, Room B

1. Summary Records 26th and 27th meetings (Documents No. 639 and No. 640)
2. Report 4 Ad Hoc Maritime Mobile service (Document No. 662)
3. Report 4 Ad Hoc Red Cross (Document No. 656)
4. Report by Working Group 4E (Document No. 651 - frequency bands 1 660-10 500 Mc/s)
5. Report by Working Group 4D (Document No. 653 - frequency bands 27.5-235 Mc/s) if available

O R D E N D E L D Í A

33.ª sesión de la Comisión 4 (Distribución de frecuencias)  
Viernes, 27 de noviembre de 1959, a las 3 de la tarde, Sala B

1. Informes 26ª y 27ª sesiones (Documentos N.ºs 639 y 640)
2. Informe del grupo 4 especial - Servicio móvil marítimo (Documento N.º 662)
3. Informe del grupo 4 especial - Cruz Roja (Documento N.º 656)
4. Informe del grupo de trabajo 4E (Documento N.º 651 - bandas de frecuencias 1 660-10 500 Mc/s)
5. Informe del grupo de trabajo 4D (Documento N.º 653 - bandas de frecuencias 27,5-235 Mc/s) si se ha publicado

WORKING GROUP 5A

D R A F T

RESOLUTION RELATING TO THE TERMINOLOGY CONCERNING FREQUENCY USAGE

The Administrative Radio Conference (Geneva, 1959)

having in mind:

- a) that it is necessary that in the documents of the Union the terminology relative to frequency usage be used accurately;
- b) that, in the past, some of these terms have been ambiguously used;

decides:

that, wherever used in the documents of the Union the terms listed below shall be expressed in the appropriate working language of the Union as indicated:

Frequency distribution to:	French	English	Spanish
Services	Attribution (attribuer)	Allocation (to allocate)	Atribución (atribuir)
Areas	Allotissement (allotir)	Allotment (to allot)	Adjudicación (adjudicar)
Stations	Assignment (assigner)	Assignment (to assign)	Asignación (asignar)

WORKING GROUP 5A

D R A F T

(See Document No. 588)

ARTICLE 11a

PROCEDURE FOR THE BANDS ALLOCATED EXCLUSIVELY  
TO THE BROADCASTING SERVICE BETWEEN 5 950 kc/s  
AND 26 100 kc/s

Section I. Submission of seasonal broadcasting schedules

1. Periodically, Administrations shall submit to the International Frequency Registration Board the projected seasonal schedules of their broadcasting stations in the bands exclusively allocated to the broadcasting service between 5 950 kc/s and 26 100 kc/s. These schedules shall cover each of the following seasonal propagation periods and shall be implemented at 01.00 G.M.T. on the first Sunday of the period concerned:

March Schedule	-	March and April
May Schedule	-	May, June, July and August
September Schedule	-	September and October
November Schedule	-	November, December, January and February.

2. The first schedules, to become effective on 4th September, 1960, for the September-October period (1960), should be received by the Board by 1st March, 1960. The closure dates for the receipt of the subsequent schedules will be set by the Board in order to permit the advance period to be reduced gradually to the minimum found practicable by the Board. Those assignments in a schedule whose characteristics are not expected to change may be submitted up to a limit of one year in advance. Each such assignment shall be confirmed by the closing date for the submission of the schedules for the respective seasonal periods. The Board shall take appropriate steps to send reminders to Administrations in carrying out this procedure.

3. Two or more Administrations may submit coordinated schedules containing their agreed projected frequency usage.
4. The frequencies shown in the schedules must be frequencies that actually will be used for that particular seasonal period and their number should be the minimum necessary to provide satisfactory reception of the particular programme in each of the areas for which it is intended. Each Administration should prepare its schedule from season to season by using to the maximum extent practicable the same frequencies in each band as were used in previous schedules.
5. The schedules shall be submitted in the form prescribed in Appendix 1a, which specifies the data to be furnished for each assignment.
6. The frequencies included in the schedules must be in conformity with No. 328a of these Regulations. To the extent practicable, the frequencies selected should correspond to listings in the Master International Frequency Register. Those Administrations not having suitable listings in the Master Register may suggest any frequency considered appropriate, or may, if they so desire, indicate only the frequency band.

Section II. Preliminary examination and preparation of  
Tentative High Frequency Broadcasting Schedules

7. Upon receipt of the seasonal schedules, including confirmation in appropriate cases of the continuing validity of assignments included in preceding schedules, the Board shall incorporate the proposed frequency usage of all Administrations into a combined schedule and make the appropriate preliminary examination required to prepare the Tentative High Frequency Broadcasting Schedule (hereinafter called the Tentative Schedule) for the particular seasonal period. This Tentative Schedule shall include:
- a) all specific frequency assignments in cases where no alternatives were given by the Administration concerned;
  - b) the selections made by the Board in cases where alternatives were given by the Administration concerned;
  - c) frequencies suggested by the Board in respect of all services for which no specific frequency was included in the submitted schedule, such suggestions to be made with due overall consideration for No. 10, compatibility within the Tentative Schedule, and possible changes to the projected frequency usage which might be desirable to achieve more equitable satisfaction of Administrations' requirements;
  - d) such apparent incompatibilities between frequency assignments which the Board can indicate within the time available.
8. The Board shall begin the work outlined in No. 7 early enough for the Tentative Schedule to be duplicated and issued to Administrations not later than two months before the date when the particular seasonal period begins.

Section III. Technical examination and revision of the  
Tentative Schedule

9. The Board shall continue its technical examination of the Tentative Schedule with a view not only to identify further incompatibilities between frequency assignments which become apparent in the technical examination, and correct them where possible, but also to improve the technical aspects of the Tentative Schedule by amendments to be agreed upon in consultation with the Administrations concerned.
10. Upon the request of Administrations, particularly those of countries in need of special assistance and which have no suitable listings in the Master Register, the Board shall give special consideration to the requirements of those Administrations in preparing the Tentative Schedule.
11. In preparing its recommendations to Administrations the Board shall take into account monitoring observations and all other available data. However, when actual frequency usage is apparently not in conformity with the assignments in a submitted schedule, the Board shall seek from the Administration concerned confirmation of this information.
12. Administrations, having considered the Tentative Schedule together with such recommendations as may have been furnished by the Board, should notify, as soon as possible, preferably before the date of commencement of the seasonal period concerned, any amendments to the Tentative Schedule which are intended for implementation.
13. Changes in the assignments of broadcasting stations which are implemented after the date on which the seasonal period begins, shall be notified to the Board as soon as they can be forecast.
14. For changes notified in accordance with Nos. 12 and 13, the Board shall apply the same procedure as that specified in Nos. 9 to 11. Such revisions to the Tentative Schedule as result from the application of the procedure in this Section shall be published in the Weekly Circulars of the Board in order that Administrations can keep up to date their copies of the Tentative Schedule.

Section IV. Publication of the High Frequency Broadcasting Schedule.

15. After the end of each seasonal period, the Board shall publish the High Frequency Broadcasting Schedule, which shall reflect the Tentative Schedule as amended by all the changes notified to the Board since the publication of the Tentative Schedule. This High Frequency Broadcasting Schedule shall indicate by appropriate symbols:
- a) those assignments which Administrations found in practice to be unsatisfactory and so notified to the Board
  - b) those assignments not included in the Tentative Schedule which were taken into account by the Board in the examination under Section III of this Article.



Section V. Annual High Frequency Broadcasting Frequency List

16. A High Frequency Broadcasting Frequency List shall be published at the end of the first year of implementation of the procedure prescribed in this Article, including all frequency assignments which appear in the High Frequency Broadcasting Schedules for the year concerned. This list shall be issued as a supplement to the International Frequency List, and in the same general format. It shall also include symbols to indicate those assignments which were notified to the Board as being unsatisfactory in practice, as well as symbols to indicate the seasonal periods during which each assignment was used. A recapitulative list shall be issued annually thereafter.

Section VI. Miscellaneous Provisions

17. The Technical Standards used by the Board when applying the provisions of this Article should be based, not only on the factors listed in No. 359d, but also on past experience in broadcasting planning and on the experience gained by the Board in the application of the provisions of this Article.
18. With a view to the ultimate evolution to compatible technical plans for the frequency bands concerned, the Board shall take all necessary steps to carry out engineering studies on a long-term basis. For this purpose, the Board shall use all information made available to it on frequency usage in the application of the procedure described in this Article. The Board shall also keep Administrations informed of the progress and results of such studies at regular intervals.
19. In applying the provisions of Article 14 of these Regulations, problems of harmful interference which may arise in frequency usage in the bands concerned shall be resolved by Administrations by exercising the utmost goodwill and mutual cooperation and by giving due consideration to all the relevant technical and operational factors involved.

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 849-E  
ADDENDUM No. 1  
30 November, 1959

WORKING GROUP 5A

A P P E N D I X 1

Herewith the form of notice to be inserted, as page 2  
in Document No. DT 849

Annex : 1

(See Article 11)

\_\_\_\_\_ kc/s

\_\_\_\_\_ Mc/s

1 Assigned Frequency

(b) New  
assignment

11

(c) Change of characteristics of a recorded assignment in the Master Register

103

(d) Deletion of  
an assignment

(e) { Notice No. \_\_\_\_\_  
Date \_\_\_\_\_

2c \_\_\_\_\_  
Date of putting into use

3 Call Sign (Identification)

	For I.F.R.B. use
--	------------------------

4a \_\_\_\_\_  
• Name of Transmitting Station

4b \_\_\_\_\_  
Country

4c \_\_\_\_\_  
Longitude and latitude of the transmitter site

[illegible]

12a \_\_\_\_\_ Operating Administration or Company

12b \_\_\_\_\_ Name and postal address \_\_\_\_\_ of  
\_\_\_\_\_ Telegraphic address \_\_\_\_\_ Administration  
(Article 14)

Regional or Service Agreement : \_\_\_\_\_ COORD/ \_\_\_\_\_

Other information :

CONFERENCE ADMINISTRATIVE  
DES RADIOCOMMUNICATIONS

GENEVE, 1959  
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Document N° DT 849-FES  
CORRIGENDUM N° 1  
1er décembre 1959

GROUPE DE TRAVAIL 5A  
WORKING GROUP 5A  
GRUPO DE TRABAJO 5A

C O R R I G E N D U M

A P P E N D I C E 1a

Le modèle de fiche joint à l'ADDENDUM N° 1 au Document N° DT 849 doit être inséré dans le Document N° 670, à la page 6.

D'autre part, le modèle de fiche joint à l'ADDENDUM N° 1 au Document N° 670 est à insérer dans le Document N° DT 849, à la page 2.

A P P E N D I X 1a

The form of notice attached to ADDENDUM No. 1 to Document No. DT 849 should be inserted in Document No. 670, as page 6.

Furthermore, the form of notice attached to ADDENDUM No. 1 to Document No. 670 should be inserted in Document No. DT 849 as page 2.

A P P E N D I C E 1a

Insértese en el Documento N.° DT 849, página 2, el modelo de formulario incluido en el ADDENDUM N.° 1 al Documento N.° 670.

Por otra parte, insértese en el Documento N.° 670, página 6, el modelo de formulario incluido en el ADDENDUM N.° 1 al Documento N.° DT 849.

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

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Document No. DT 849-E  
28 November, 1959

WORKING GROUP 5A

A P P E N D I X 1a

- A. Form of Notice.
- B. General Instructions.

(Insert here the form of notice)

B. GENERAL INSTRUCTIONS

1. A separate notice shall be sent to the I.F.R.B. for notifying:
  - Each frequency assignment to be put into use for a particular season;
  - Any change in the characteristics of a frequency assignment in the high Frequency Broadcasting Schedule, for the season;
  - Any deletion of a frequency assignment in the High Frequency Broadcasting Schedule, for the season.
2. Separate entries, in Columns 5 and 7 to 11, should be made for the various basic characteristics when they do not apply to the assignment as a whole, for instance when the power, antenna characteristic or hours of operation differ according to the zones or areas of reception.

GENERAL NOTES

- (a) The name of the notifying Administration should be indicated.
- (b) Indicate in this box by the letter "X" when the notice reflects the first frequency usage by a station in a particular season.
- (c) Indicate in this box by the letter "X" when the notice reflects a change in the characteristics of a frequency assignment in the High Frequency Broadcasting Schedule, for the season.



- 1) In the case where existing particulars are changed, the new characteristics in the appropriate place should be underlined; the original characteristics which have been changed should be shown in brackets underneath or at the side.
  - 2) In the case where the change is an addition to existing particulars, the additional characteristics should be shown in the appropriate place and should be underlined.
  - 3) In the case where the change is a cancellation of a particular characteristic or characteristics, this should be shown in the appropriate place by a dash and, underneath or at the side, the characteristics which have been cancelled should be shown in brackets.
- (d) Indicate in this box by the letter "X" when the notice reflects a deletion of an assignment, in all of its notified characteristics, for the season.
- (e) The serial number of the notice and the date the notice is sent to the Board shall be shown here.

NOTES CONCERNING INFORMATION TO BE ENTERED  
IN THE SPECIFIC COLUMNS OF THE NOTICE

Column 1 - Frequency.

- 1a. Indicate the assigned frequency as defined in Article 1, in kc/s,
- 1b. Indicate any suggested alternative frequency or frequencies in kc/s, or
- 1c. the desired band in Mc/s, if specific frequency is not given under 1a and 1b. above.

Column 2c - Date of putting into use, in the particular season.

1. If the assignment is to be brought into use on the implementation date of the seasonal schedule, indicate the last two digits of the year in the box(es) of the season(s) for which the assignment is to be used.

2. If the assignment is to be brought into use or changed by any date other than the implementation date of the particular seasonal schedule, this date shall be entered in the space provided.

Column 3 - Call Sign (Identification).

Indicate the Call Sign or other station identification used in accordance with Article 19.

Column 4 - Name and Location of Transmitting Station

4a. Indicate the name of the locality by which the transmitting station is known or in which it is situated.

4b. Indicate the country in which the station is located. Symbols from the Preface to the International Frequency List should be used.

4c. Indicate the geographical coordinates (in degrees and minutes) of the transmitter site.

Column 5a - Zone(s) or Area(s) of Reception.

1. Indicate in this column the Zone(s) of reception as shown in the Map annexed to Appendix 1.

2. If reception area is smaller than an entire zone, it should be indicated as a country or part of a country using symbols from the Preface to the International Frequency List, as far as possible.

Column 7 - Class of emission and necessary bandwidth.

Indicate the class of emission and necessary bandwidth in accordance with Article 2 and Appendix 5.

Column 8 - Power (in W)

Indicate the carrier power into the transmission line.

Transmitting Antenna Characteristics

Column 9a - Azimuth of maximum radiation.

1. If a directive transmitting antenna is used, indicate the azimuth of maximum radiation of the transmitting antenna in degrees (clockwise) from True North.

2. If a transmitting antenna with non-directional characteristics is used, insert ND in this column.

Column 9b - Angular width of radiation main lobe.

The total angle in the horizontal plane, in degrees, within which the radiation power in any direction is not more than 3 db less than the power radiated in the direction of maximum radiation, should be indicated.

Column 9c - Antenna gain (db).

The relative gain of the antenna in the direction of maximum radiation for the assigned frequency should be indicated.

Column 9d - Angle of elevation.

The angle of the direction of maximum radiation in the vertical plane in degrees should be indicated.

Column 9e - Type of Antenna.

The nomenclature of the C.C.I.R. book of "Antenna Diagrams" should be used wherever it is applicable as shown in a list at the end of this instruction.

Column 10 - Hours of operation (GMT).

Column 11 - Other frequencies simultaneously used for the same programme to the same area(s).

1. If the notified frequency is the only frequency used for the particular schedule, the indication "Nil" shall be inserted in this column.

2. In other cases, the other frequencies simultaneously used for the same programme to the same area shall be indicated.

Column 12 b) - Postal and Telegraphic Address of Administration responsible for the station.\*

The addresses required are those to which communication should be sent on urgent matters regarding interference, quality of emissions, and questions referring to the technical operation (see Article 14).

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\* Where this information already appears in the Preface to the International Frequency List, the appropriate reference number or letter may be used.

Supplementary Information

Any other information supplied by the Administration should be indicated in the space provided.

1. Indicate after the symbol COORD/--- the name of any Administration with which coordination has been effected for the use of the frequency; if no coordination has been effected, the indication "Nil" should be inserted.
2. Any other information which the Administration considers to be relevant should be indicated, such as, for example, information concerning the use of the notified frequency if such use is restricted or if the frequency is not used during all the hours indicated in Column 10 or on certain days of the week only, or if synchronizing techniques are used.

---

SYMBOLS FOR TYPE OF ANTENNA

ANTENNA TYPE

HOR        HORIZONTAL NON-DIRECTIVE ANTENNA  
VER        VERTICAL NON-DIRECTIVE ANTENNA

---

DP        DIPOLE  
  H        HORIZONTAL  
  V        VERTICAL  
  R        WITH REFLECTOR

(Example: DPHR means : Horizontal Dipole with Reflector)

---

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H          HORIZONTAL DIPOLE CURTAIN ANTENNA
R          WITH REFLECTOR
S          SLEWED ANTENNA
/..        NO. OF HALF WAVE ELEMENTS IN EACH LINE
/..        NO. OF HALF WAVE ELEMENTS IN EACH STACK (one above
                                                    the other)
/..        HEIGHT ABOVE GROUND IN FULL WAVELENGTHS OF THE
          BOTTOM ROW OF ELEMENTS
S.....    ANGLE OF SLEW, IF ANY

          (Example: - HRS/4/3/2S15 means : Horizontal Array
          with reflector, 4 lines, 3 rows of Dipoles, bottom
          element 2 wavelengths above the ground, slewed with
          an angle of 15 degrees)

```

RHO                      RHOMBIC ANTENNA  
/..                      LENGTH OF ONE SIDE OF THE RHOMBUS, IN WAVELENGTHS  
/...                     HEIGHT OF RHOMBUS ABOVE GROUND, IN WAVELENGTHS  
/...                     ONE HALF OF THE INTERIOR SIDE ANGLE OF RHOMBUS

(Example: - RHO/25/04/65 means : Rhombic Antenna,  
length of one side 2.5 wavelengths, height above  
ground 0.4 wavelengths, one half of the interior  
side angle 65 degrees)

TRO	TROPICAL BROADCASTING ANTENNA
/..	NUMBER OF ROWS
/..	HEIGHT ABOVE THE GROUND IN WAVELENGTHS

(Example: - TRO/4/02 means : Tropical BC antenna with 4 rows (and 4 dipoles in each row) in a height of 0,2 wavelengths above the ground)

CONFERENCE ADMINISTRATIVE  
DES RADIOCOMMUNICATIONS

GENEVE, 1959

Document N° DT 850-FES  
27 novembre 1959

COMMISSION 4  
COMMITTEE 4  
COMISION 4

ORDRE DU JOUR

34ème séance de la Commission 4 (Répartition des bandes de fréquences)  
Samedi 28 novembre 1959, à 1100 heures, 1500 heures et, si besoin est,  
à 2030 heures - Salle A

1. Compte rendu des 25ème, 26ème et 27ème séances (Documents N°s 627, 639, 640)
2. Rapport du GT 4D - Bandes de fréquences 27,5-235 MHz (Doc. N° 653 et ADD.1 s'il est publié) et Rapport 4D-Express (Doc. N° 665)
3. Projet de Recommandation (Document N° 675) s'il est publié
4. Divers.

A G E N D A

Thirty-fourth Meeting of Committee 4 (Frequency Allocation)

Saturday 28 November 1959, at 1100 hours, 1500 hours

and, if necessary, 2030 hours - Room A

1. Summary Records 25th, 26th and 27th meetings (Docs. Nos. 627, 639 and 640)
2. Report WG 4D - Frequency bands 27.5-235 Mc/s (Doc. No. 653 and Add. 1 if available) and Report by 4D-Express (Document No. 665)
3. Draft Recommendation (Document No. 675) if available
4. Any other business.

ORDEN DEL DÍA

34.ª sesión de la Comisión 4 (Distribución de frecuencias)

Sábado, 28 de noviembre de 1959, a las 11 de la mañana

y a las 3 de la tarde y, en caso necesario, a las 8 de la tarde - Sala A

1. Informes 25ª, 26ª y 27ª sesiones (Doc. N.ºs 627, 639 y 640)
2. Informe del Grupo 4D - Bandas de frecuencias 27,5-235 Mc/s (Doc. N° 653 y Add. 1 si se ha publicado) e Informe 4D-Express (Doc. N.º 665)
3. Proyecto de Recomendación (Documento N.º 675) si se ha publicado
4. Otros asuntos.

Le Président :

Chairman:

El Presidente:

Gunnar Pedersen

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959  
          

Document No. DT 851-E  
ADDENDUM No. 1  
30 November, 1959

WORKING GROUP 5A

A P P E N D I X 6

Service Documents

List I. International Frequency List

Annex : 1

## LIST I. INTERNATIONAL FREQUENCY LIST

Assigned Frequency (kc/s or Mc/s)																								
Dates					Call Sign (Identification)	Location of transmitting station			Reception		Transmitting Antenna Characteristics 4)						Remarks							
2						4			5		9													
1	2a	2b	2c	2d		3	4a	4b	4c	5a	5b	6	7	8	9a	9b	9c	10	11	12a	12b	13a	13b	13c
	Of registration 1)	Of notification 1)	Of putting into use	Of receipt of the notice by the I.F.R.B. when Columns 2a or 2b are not to be used 2)			Name of the locality by which the transmitting station is known or in which it is situated	Country in which the transmitting station is located	Geographical coordinates of the transmitter site (Longitude-Latitude) 3)	Locality(ies) or Area(s) with which communication is established	Length of circuit (km)	Class of station and nature of service	Class of emission, necessary bandwidth and description of transmission	Power (in kW)	Azimuth of maximum radiation (ND if a transmitting antenna with non-directional characteristics is used)	Angular width of radiation main lobe	Antenna gain (db)	Maximum hours of operation of the circuit to each locality or area (G.M.T.)	Megacycle Order of the other frequencies normally utilized for the same circuit 4)	Operating Administration or Company 5)	Postal and telegraphic address of the Administration responsible for the station 5)	Results of examination 6) and investigations 7) by the I.F.R.B.	Remarks related to the Finding by the I.F.R.B.	Other Remarks 8)

- 1) See Article 11 of the Radio Regulations, Nos. 339zc and 339zd
- 2) A symbol instead of a date indicates an assignment notified pursuant to No. 272 of the E.A.R.C. Agreement (Geneva, 1951), or, in the frequency bands above 27.5 Mc/s, an assignment for which the notice was received by the I.F.R.B. before 1 April 1952
- 3) In degrees and minutes
- 4) See Appendix 1 to the Radio Regulations
- 5) Columns 12a and 12b contain numbers or letters which are explained in the Preface to the International Frequency List
- 6) See Article 11 of the Radio Regulations, Section III
- 7) See Article 11 of the Radio Regulations, Nos. 338a, 338b, 347a and 347b
- 8) Including dates referred to in Article 11 of the Radio Regulations, Nos. 337, 338, 339d, 339i and 339L



WORKING GROUP 5A

DRAFT

Text to be inserted in Article 20

- 447 MOD List I - The International Frequency List.
- 448 MOD This List shall contain:
- a) particulars of frequency assignments recorded in the Master International Frequency Register. These particulars shall include the data enumerated in Appendix 6;
  - b) the frequencies (e.g. 500 kc/s or 2 182 kc/s) prescribed by these Regulations for common use by certain services, including frequencies specified in Appendices 10, 12 and 12b\* to these Regulations;
  - c) the allotments in the Allotment Plans included in Appendices 12a and 16a.

An indication of the purpose of the frequencies and allotments under paras. b) and c) shall be included in the entries concerned.

- 448a ADD Frequency assignments up to, and including 28 000 kc/s in the International Frequency List shall be classified in the numerical ascending order of the frequencies assigned.

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\* Derived from the Hague Agreement.

448b ADD

The International Frequency List above 28 000 kc/s, in which entries shall be in the numerical ascending order of the frequencies assigned, shall be in four separate parts as follows:

- a) frequency assignments in bands between 28 Mc/s and 50 Mc/s, excluding broadcasting stations;
- b) frequency assignments in Region 1 in the bands between 50 Mc/s and 40,000 Mc/s, and frequency assignments to broadcasting stations in Region 1 in the bands between 28 Mc/s and 50 Mc/s;
- c) frequency assignments in Region 2 in the bands between 50 Mc/s and 40,000 Mc/s, and frequency assignments to broadcasting stations in Region 2 in the bands between 28 Mc/s and 50 Mc/s;
- d) frequency assignments in Region 3 in the bands between 50 Mc/s and 40,000 Mc/s, and frequency assignments to broadcasting stations in Region 3 in the bands between 28 Mc/s and 50 Mc/s.

448c ADD

The relative position of the columns, as indicated in Appendix 6 for List I, may be re-arranged at the discretion of the Secretary-General in collaboration with the I.F.R.B., should such re-arrangements improve the capabilities of the machine records system maintained by the Board.

470 MOD

New editions of the International Frequency List shall be published at intervals to be determined by the Secretary-General, but not exceeding two years. This List shall be kept up to date through quarterly recapitulative supplements published in the same form as the List itself. Every entry appearing in a new edition of the List which was modified since the publication of the final supplement of the previous edition, shall be marked by a symbol to indicate this fact.

470a ADD

The supplements shall contain two sections as follows:

Section A containing new entries and modifications of entries already listed in the International Frequency List.

Section B containing entries in the International Frequency List which have been deleted in their entirety.

WORKING GROUP 5A

DRAFT RESOLUTION  
METHOD FOR THE ESTABLISHMENT OF THE MASTER  
INTERNATIONAL FREQUENCY REGISTER

The Administrative Radio Conference (Geneva 1959),  
decides:

1. General

1.1 The Master International Frequency Register shall be compiled and maintained by the International Frequency Registration Board, preferably by means of a mechanical system.

1.2 The effective date of the Master International Frequency Register shall be the first of January 1961.

2. Basic Documents

2.1 The Master International Frequency Register shall include:

- a) the information contained in the Master Radio Frequency Record\* as on the thirty-first of December 1960, subject to the provisions of paragraph 3 below;
- b) the frequencies (e.g. 500 kc/s or 2 182 kc/s) prescribed in the Radio Regulations (Geneva 1959) for common use by certain services, including frequencies specified in Appendices 10, 12 and 12b of these Regulations;
- c) the allotments in the Allotment Plans included in Appendices 12a and 16a.

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\* Master Radio Frequency Record: The interim master register of frequency assignments established and maintained pursuant to the provisions of the Agreement adopted by the Extraordinary Administrative Radio Conference, Geneva 1951 (E.A.R.C. Agreement).

2.2 An indication of the purpose of the frequencies and allotments under paragraphs 2.1 b) and 2.1 c) shall be included in the entries concerned, which shall not bear any date in Column 2 of the Master International Frequency Register.

3. Methods of transfer

3.1 Those entries in the Master Radio Frequency Record which will not be complete according to Nos. 269 or 270 of the E.A.R.C. Agreement, or according to Annex 6 to this Resolution, as appropriate, on the date specified above shall not be transferred to the Master International Frequency Register. However, except for the bands above 28 000 kc/s, the Board shall send before the thirtieth of June 1960 to each Administration concerned, a list of incomplete frequency assignments in order that the missing data may be notified as soon as possible, and by the first of January 1961 at the latest.

3.2 In those cases provided for in Annex 1 where an entry shall be transferred after a technical examination or re-examination, and where the finding of the Board will be favourable, the Board shall amend the entry in order that this entry appears in the Master International Frequency Register in the same way as if the finding of the Board had been favourable at the time of the notification. If, on the contrary, the finding is unfavourable, the assignment shall be entered in the Master International Frequency Register as if the initial finding had been unfavourable.

3.3 Frequency assignments not in conformity with No. 328a of the Radio Regulations (Geneva 1959) shall be indicated, where appropriate, by an appropriate symbol in the Remarks Column. Moreover, any Remark in the Master Radio Frequency Record which is consistent with the provisions of Article 11 of the Radio Regulations (Geneva 1959), shall be entered in the Master International Frequency Register.

4. Additional basic characteristics

4.1 Inasmuch as the Radio Regulations (Geneva 1959) stipulate certain basic characteristics heretofore not required, Administrations should furnish to the Board these additional characteristics in respect of their initial entries in the Master International Frequency Register as and when possible.

4.2 However, these additional characteristics must be supplied when an initial entry is involved in any review conducted by the Board under Article 11 of the Radio Regulations (Geneva 1959).

A N N E X 1

Document No. DT 652-E  
Page 4

METHOD OF TRANSFER FROM THE MASTER RADIO FREQUENCY RECORD  
(See paragraph 3)

Frequency band kc/s	Regions or Services	Dates entered in Master Radio Frequency Record			Transfer to new Register (Yes or No)	Method of transfer: examination (Yes or No)	Nature of examination (if any)	Dates to be entered in new Master International Frequency Register				Remarks
		Col. 2a	Col. 2b	Col. 2c				2a	2b	2c	2d	
14-- 2 850	Regions 1, 3.	x		x	Yes	No		x		x		
			x	x	Yes	Yes	Art. 11	1)	1)	x		2)
		x(3.12.51)			No							
			x(4.12.51)		No							
				x*	Yes	No				x*		
14 -- 2 000	Region 2	x		x	Yes	No		x		x		
			x	x	Yes	Yes	Art. 11	1)	1)	x		2)
		x(3.12.51)			No							
			x(4.12.51)		No							
				x*	Yes	No				x*		
				x**	Yes	No				x**		

\* Ship-to-ship frequencies

\*\* For the frequency band 535 - 1 605 kc/s, in Region 2, see No. 339rd of the Radio Regulations, Geneva 1959.

Frequency band kc/s	Regions or Services	Dates entered in Master Radio Frequency Record			Transfer to new Register (Yes or No)	Method of transfer: examination (Yes or No)	Nature of examination (if any)	Dates to be entered in new Master International Frequency Register				Remarks
		Col.2a	Col.2b	Col.2c				2a	2b	2c	2d	
3155-3400 3500-3900	Region 1		x(3.12.51)	x	Yes	No		x(3.12.51)		x		
			x(3.12.51)		No							
		x		x	Yes	Yes	Art. 11	1)	1)	x		2)
2000-2850 3155-3400 3500-4000	Region 2	x(3.12.51)		x	Yes	No		x(3.12.51)		x		
			x	x	Yes	Yes	Art. 11	1)	1)	x		2)
		x(3.12.51)			No							
			x(4.12.51)		No							
3155-3400 3500-3950	Region 3	x(3.12.51)		x	Yes	No		x(3.12.51)		x		
			x	x	Yes	Yes	Art. 11	1)	1)	x		2)
		x(3.12.51)			No							
			x(4.12.51)		No							



Frequency band kc/s	Regions or Services	Dates entered in Master Radio Frequency Record			Transfer to new Register (Yes or No)	Method of transfer: examination (Yes or No)	Nature of examination (if any)	Dates to be entered in new Master International Frequency Register				Remarks
		Col.2a	Col.2b	Col.2c				2a	2b	2c	2d	
2850-3155	Aero- nautical Mobile (R and OR)	x(3.12.51)		x	Yes	No		x		x		
3400-3500			x(3.12.51)	x	Yes	No			x(3.12.51)	x		
3900-3950 (Reg.1)			x	x	Yes	Yes	3)		x 3)	x 4)		
4650-4750												
5450-5480 (Reg.2)												
5480-5730												
6525-6765												
8815-9040												
10005-10100												
11175-11400												
13200-13360												
15010-15100												
17900-18030												
4238-4368	Maritime mobile (Radio- telegraph coast stations)	x(3.12.51)		x	Yes	No		x(3.12.51)		x		
6357-6525			x	x	Yes	Yes	Art. 33 E.A.R.C. 234 & 235 ii)	1)	1)	x 4)		2)
8476-8745												
12714-13130		x(3.12.51)			No							
16952-17290												
22400-22650			x(4.12.51)		No							

Frequency band kc/s	Regions or Services	Dates entered in Master Radio Frequency Record			Transfer to new Register (Yes or No)	Method of transfer examination (Yes or No)	Nature of examination (if any)	Dates to be entered in new Master International Frequency Register				Remarks
		Col.2a	Col.2b	Col.2c				2a	2b	2c	2d	
4368-4438 8745-8815 13130-13200 17290-17360 22650-22720	Maritime mobile (Radio- telephone coast stations)	x(3.12.51)		x	Yes	No		x(3.12.51)		x		
			x(4.12.51)	x	Yes	No			x(4.12.51)	x		
			x	x	Yes	Yes	5)		x	x 4)		2)
4063-4133 8195-8265 12330-12400 16460-16530 22000-22070	Maritime mobile (Radio- telephone ship stations)		x	x	Yes	Yes	6)	1)	1)	x		
5950-6200 7100-7300 (Regs. 1 & 3) 9500-9775 11700-11975 15100-15450 17700-17900 21450-21750 25600-26100	Broadcast- ing			x	Yes	No				x 7)	x 7)	

Frequency band kc/s	Regions or Services	Dates entered in Master Radio Frequency Record			Transfer to new Register (Yes or No)	Method of transfer examination (Yes or No)	Nature of examination (if any)	Dates to be entered in new Master International Frequency Register				Remarks
		Col. 2a	Col. 2b	Col. 2c				2a	2b	2c	2d	
3950 (4000 Region 2) - 27500	Various, excluding the bands allocated exclusively to Aero- nautical Mobile, Maritime mobile, Broadcasting and Amateur			x	Yes	No				x 7)	x 7)	
27500-28000	Various			x	Yes	Yes				x	x 8)	
Above 28000	Various			x	Yes	No				x	x 8)	

FOOTNOTES TO ANNEX 1

- 1) According to the result of the examination
- 2) Application of Section V of Article 11 of the Radio Regulations (Geneva, 1959) from 1st January, 1961
- 3) See Annex 2 to the Resolution
- 4) In case of assignments which bear symbols ZZ or ZZZ, see paragraph 22 of Annex 5 to the Resolution
- 5) See Annex 3 to the Resolution
- 6) See Annex 4 to the Resolution
- 7) See Annex 5 to the Resolution
- 8) See Annex 6 to the Resolution

A N N E X    2

FREQUENCY BANDS ALLOCATED EXCLUSIVELY TO THE  
AERONAUTICAL MOBILE SERVICE BETWEEN 2850 kc/s  
AND 18 030 kc/s

Frequency assignments entered in the Master Radio Frequency Record with a date in Column 2b which is after 3 December 1951, shall be examined by the Board following the relevant parts of the procedure described in Nos. 339pa to 339pp inclusive of the Radio Regulations (Geneva, 1959); they shall be recorded in the Master International Frequency Register following the procedure described in Nos. 339ta to 339uf inclusive of the Radio Regulations.

A N N E X    3

FREQUENCY BANDS ALLOCATED EXCLUSIVELY TO THE  
MARITIME MOBILE SERVICE BETWEEN 4000 kc/s  
AND 23 000 kc/s FOR RADIOTELEPHONE COAST  
STATIONS

1. Assignments in conformity with the Allotment Plan adopted by the E.A.R.C. (Annex 5 to the Final Acts of the E.A.R.C., Geneva 1951) shall be considered as transferred to the channel frequencies of the Plan in Appendix 12a to the Radio Regulations (1959).
2. Assignments not in conformity with the Plan adopted by the E.A.R.C. (1951), notified to the Board between 3 December 1951 and the date of entry into force of the Radio Regulations (Geneva 1959), shall be considered as transferred to the channel frequencies of the Plan in Appendix 12a if they had been notified on the central channel frequencies of the Plan adopted by the E.A.R.C. (1951). If that were not the case, the Administrations concerned shall have a period of three months before the entry into force of the Radio Regulations (Geneva 1959), to readjust them so that they retain the same relative positions in relation to the channels in the Plan in Appendix 12a as they had in relation to the channels in the Plan adopted by the E.A.R.C. (1951), provided they meet the requirements of paragraph 3.
3. All assignments mentioned in paragraph 2 above shall be submitted to a complete technical examination by the Board in accordance with Nos. 233, 234, 235ii and 236 of Section III of Article 33 of the E.A.R.C. Agreement, with respect to the allotments appearing in Sections I and II of the Plan in Appendix 12a (that is to say, with respect to the frequency assignments brought into use or liable to be brought into use in the future in accordance with the allotments in the Plan), as well as with respect to frequency assignments in conformity with Nos. 327 and 328 which were previously recorded in the Master Radio Frequency Record on frequencies specified in Appendix 12, either as a consequence of a favourable finding or after an unfavourable finding, the assignment having not, in this latter case, caused harmful interference. The same shall be done for the changes of basic characteristics of assignments in conformity with the Plan.

A N N E X    4

FREQUENCY BANDS ALLOCATED EXCLUSIVELY TO THE MARITIME MOBILE SERVICE  
BETWEEN 4 000 kc/s AND 23 000 kc/s FOR RADIOTELEPHONE SHIP STATIONS.

1.            Assignment of frequencies for reception by radiotelephone coast stations, notified to the Board between 3 December 1951 and the date of entry into force of the Radio Regulations (Geneva 1959) shall be considered as transferred to the frequencies in Appendix 12 of the Radio Regulations (Geneva 1959) if they have been notified on frequencies specified in Appendix 12 to the Radio Regulations (Atlantic City 1947) amended according to Annex 7 of the Final Acts of the E.A.R.C. (Geneva 1951).
2.            If that were not the case, the Administrations concerned shall have a period of three months before the entry into force of the Radio Regulations (Geneva 1959) to readjust them so that they retain the same relative positions in relation to the channels in Appendix 12 to the Radio Regulations (Geneva 1959) as they had in relation to the channels in Appendix 12 to the Radio Regulations (Atlantic City 1947).
3.            Assignments of frequencies for reception referred to above shall be examined by the Board following the procedure described in Nos. 339p7 to 339p11 inclusive of the Radio Regulations (Geneva 1959); they shall be entered in the Master International Frequency Register following the procedure described in Nos. 339t6 to 339t12 of the Radio Regulations.

A N N E X 5

FREQUENCY BANDS BETWEEN 3 950 kc/s (4 000 kc/s IN REGION 2) AND 27 500 kc/s  
OTHER THAN THOSE ALLOCATED EXCLUSIVELY TO THE AERONAUTICAL MOBILE SERVICE,  
MARITIME MOBILE SERVICE OR AMATEUR SERVICE

1. Transfer of frequency assignments notified pursuant to the provisions of No. 272 of the E.A.R.C. Agreement
  - 1.1 A symbol shall be inserted in Column 2d.
  - 1.2 The date entered in Column 2c of the Master Radio Frequency Record shall be transferred to Column 2c of the Master International Frequency Register.
2. Transfer of frequency assignments notified from 1st April 1952, other than those referred to in paragraph 1
  - 2.1 In the case where the finding reached by the Board under Article 33 of the E.A.R.C. Agreement was favourable:
    - 2.1.1 the date of receipt by the Board of the first notice shall be entered in Column 2d;
    - 2.1.2 the date entered in Column 2c of the Master Radio Frequency Record shall be transferred to Column 2c of the Master International Frequency Register;
    - 2.1.3 if appropriate, the date following symbol XX in Column 13 shall be inserted in the Remarks Column of the Master International Frequency Register, as well as any other relevant date entered in Column 13 of the Master Radio Frequency Record.
  - 2.2 In the case where the finding reached by the Board under Article 33 of the E.A.R.C. was unfavourable, i.e. in the case where the assignment concerned bears symbol ZZ or ZZZ in Column 13 of the Master Radio Frequency Record:



- 2.2.1 the date of receipt by the Board of the first notice (i.e. the date which follows immediately symbol ZZ or ZZZ) shall be entered in Column 2d;
- 2.2.2 the date to be entered in Column 2c of the Master International Frequency Register shall be, either the date of putting into use notified by the Administration concerned, or the date of the tenth day prior to the date following symbol ZZ or ZZZ, whichever is the later;
- 2.2.3 the date of receipt by the Board of the resubmitted notice (i.e. in general the date of the tenth day following the date entered in Column 2c of the Master Radio Frequency Record) shall be entered in the Remarks Column of the Master International Frequency Register.

A N N E X 6

FREQUENCY BANDS ABOVE 27 500 kc/s

1. Frequency bands between 27 500 kc/s and 28 000 kc/s

1.1 Transfer of frequency assignments, the notification of which was received by the Board before 1 April 1952.

- 1.1.1 A symbol shall be inserted in Column 2d of the Master International Frequency Register.
- 1.1.2 The date entered in Column 2c of the Master Radio Frequency Record shall be transferred to Column 2c of the Master International Frequency Register.
- 1.1.3 With a view to the application of the provisions of paragraph 1.2 below, Administrations, if so requested in specific cases, should supply the Board with those basic characteristics listed in the Appendix 1 to the Radio Regulations (Geneva 1959) which might be missing in the assignments concerned.

1.2 Transfer of frequency assignments, the notification of which was received by the Board between the 1 April 1952 and the date of entry into force of the Radio Regulations (Geneva 1959).

- 1.2.1 These assignments shall be examined by the Board following the procedure described in Article 11 of the Radio Regulations (Geneva 1959). Administrations, if so requested, in specific cases, should supply the Board with those basic characteristics listed in the Appendix 1 to the Radio Regulations (Geneva 1959) which might be missing in the assignments concerned.

1.2.2 The date of receipt of the notice by the Board shall be entered in Column 2d of the Master International Frequency Register.

1.2.3 The date entered in Column 2c of the Master Radio Frequency Record shall be transferred to Column 2c of the Master International Frequency Register.

2. Transfer of frequency assignments in the bands above 28 000 kc/s

2.1 From the end of this Conference, Administrations shall review the frequency assignments entered on their behalf in the Master Radio Frequency Record above 28 000 kc/s, with a view to reducing substantially the number of such assignments to be transferred to the Master International Frequency Register as initial entries. For this purpose, Administrations should be guided by the principles contained in No. 318a of the Radio Regulations (Geneva 1959) and in Appendix 1 to the Radio Regulations (Column 5a, paragraph 2d). Only those entries should be retained where they relate to stations which fulfil one or more of the conditions listed in No. 314 of the Radio Regulations (Geneva 1959).

2.2 As a result of such review, Administrations shall notify to the Board prior to 1 July 1960, in the form described in Appendix 1 to the Radio Regulations (Geneva, 1959), all entries in the Master Radio Frequency Record which they desire to be transferred to the Master International Frequency Register. Assignments so notified shall not be included in the I.F.R.B. weekly circulars referred to in No. 322 of the Radio Regulations (Geneva 1959).

2.3 The Board shall transfer to the Master International Frequency Register, as initial entries, complete assignments in the Master Radio Frequency Record, as notified by Administrations in conformity with paragraph 2.2 above.

2.4 Frequency assignments, the notification of which was received by the Board before 1 April 1952, shall bear a symbol in Column 2d of the Master Register.

2.5 Assignments, the notification of which was received by the Board between 1 April 1952 and the date of entry into force of the Radio Regulations (Geneva 1959), shall bear in Column 2d of the Master Register the date of receipt of the notice by the Board.

2.6 All transferred assignments shall bear in Column 2c of the Master Register the date entered in Column 2c of the Master Record.

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 853-E  
26 November 1959

COMMITTEE 6

A G E N D A

Sixteenth Meeting - Committee 6 (Technical)

Tuesday, 1 December 1959 at 15.00 hours in Room C

1. Summary Record, fourteenth meeting, Committee 6 (Document No. 644).
2. Summary Record, fifteenth meeting, Committee 6 (if available).
3. Report of Working Group 6A (Document No. 634).
4. Subdivision of Article 1 (Document No. DT 749).
5. Definitions on Space and Antennae and E.R.P.
6. Report by 6/7 Ad Hoc Group on Emergency Transmitters (Document No. 672).
7. Definitions contained in the Convention and Telephone and Telegraph Regulations (Document No. 585).
8. Report of Chairman of Ad Hoc Group No. 1.
9. List of Definitions for the Convention.
10. E.A.R.C. Resolution No. 3 and Recommendation No. 14.
11. Other matters.

M. N. Mirza  
Chairman

GENEVA, 1959

WORKING GROUP 5A1

DRAFT

CHANGES TO BE MADE IN THE DRAFT ARTICLE 11

A. Additional paragraphs:

1. Between Nos. 329a and 329b, include:

329a1 Exceptionally, when notifications in the band 415 - 1 605 kc/s for the African Area of Region 1 are examined with an eye to 329 (2), the entries with dates in Column 2b shall be taken into consideration whenever they are in accordance with 328a and have not in practice caused harmful interference to any frequency used by stations in the African Area with prior dates in Columns 2a or 2b.

2. Between 339q and 339qa include:

339q1 In particular, when the assignment is for a frequency in the band 415 - 1 605 kc/s in the European Area of Region 1, suitable comments or symbols shall be used to show whether the finding has been unfavourable in relation to any entry for the African Area or only in relation to an entry or entries in the European Area.

3. After 339rc include:

339rd (4) Besides which, an asterisk shall be included in the same Column 2a or 2b in which the date appears, whenever the entry relates to the band 415 - 1 605 kc/s in the European Area of Region 1.

4. Between 339zc and 339zd include:

339zcl Nevertheless, as an exception to what is laid down in 339zc, the existence of a date in Column 2a for an entry and of a date in Column 2b for another entry shall not be considered to bestow any final right on the former entry to protection against the latter, assuming both entries are marked with an asterisk against the date in the appropriate column.

B. Changes in references:

In 329, the reference to 339zc should be to 339zc and 339zcl.

In this same number, at the end of sub-paragraph 2, before the semi-colon, put " (see, too, 329al)".

Paragraph for inclusion at an appropriate spot (to be decided on) of the Resolution about the preparation of the new International Frequency Register, or in the annexes thereto:

On transfer from the present Master Radio Frequency Record to the new International Frequency Register, an asterisk shall be included opposite the appropriate date in Columns 2a or 2b, for all entries in the band 415 - 1 605 kc/s for the European Area of Region 1, whenever such entries are in accordance with 328a.

(N.B. - Besides which, a reference to the above paragraph will have to be included in the table in Annex 1 to the Resolution, opposite the band 14 - 2 850 kc/s.)

ADMINISTRATIVE RADIO  
CONFERENCE

GENEVA, 1959

Document No. DT 855-E  
29 November 1959

COMMITTEE 4

AGENDA

Thirty-fifth Meeting of Committee 4 (Frequency Allocation)

Monday, 30 November 1959, at 0900 hours, Room B

Thirty-sixth Meeting of Committee 4 (Frequency Allocation)

Monday, 30 November 1959, immediately following the

Plenary Meeting at 1700 hours, if possible, - Room A

and, if necessary, 2030 hours - Room E

1. Summary Records 28th., 29th., 30th. and 31st. meetings  
(Documents Nos. 641, 642, 660 and 661)
2. Draft Recommendation - Document No. 675.
3. Report WG 4D - Frequency bands 68 - 235 Mc/s (Document No. 653 and  
ADD No. 1), Report by WG 4D-Express (Document No. 665) and Document  
No. 637; (Document No. 677 also refers).
4. Any other business.

E.J. Stewart  
Acting Chairman



GENEVE, 1959

COMMISSION 4 - COMMITTEE 4 - COMISIÓN 4

ORDRE DU JOUR

37ème séance de la Commission 4 (Répartition des bandes de fréquences)

Mardi, 1er décembre 1959, à 1500 heures - Salle A

1. Rapport GT 4D - Bandes 132-235 MHz (Document N° 653 Add. N° 1) et Rapport du GT 4D-Express (Document N° 665)
2. Projet de Recommandation - Document N° 675.
3. Comptes rendus des 28ème, 29ème, 30ème et 31ème s'éances (Documents N°s 641, 642, 660 et 661)
4. Divers.

A G E N D A

Thirty-seventh Meeting of Committee 4 (Frequency Allocation)

Tuesday, 1st December, 1959, at 1500 hours, Room A

1. Report WG 4D - Frequency bands 132-235 Mc/s (Document No. 653 Add. No. 1) and Report by WG 4D-Express (Document No. 665)
2. Draft Recommendation - Document No. 675
3. Summary Records 28th, 29th, 30th and 31st meetings (Documents Nos. 641, 642, 660 and 661)
4. Any other business.

ORDEN DEL DIA

37.<sup>a</sup> sesión de la Comisión 4 (Distribución de las bandas de frecuencias)

Martes, 1.º de diciembre de 1959, a las 3 de la tarde - Sala A

1. Informe GT 4D - Bandas de frecuencias 132-235 Mc/s (Documento N.º 653 Add. N.º 1) e Informe del GT 4D-Express (Documento N.º 665)
2. Proyecto de Recomendación - Documento N.º 675
3. Informes de las 28<sup>a</sup>, 29<sup>a</sup>, 30<sup>a</sup> y 31<sup>a</sup> sesiones (Documentos N.ºs 641, 642, 660 y 661)
4. Otros asuntos.

Le Président ad interim :  
Acting Chairman: E.J. Stewart  
El Presidente ad interim:

WORKING GROUP 5A

DRAFT

RECOMMENDATIONS BY COMMITTEE 5 REGARDING THE REQUIREMENTS  
OF NEW AND DEVELOPING COUNTRIES

(Analysis of Annex to Document No. 652)

1. Broadcasting Service

- (1) This recommendation is covered by No. 4 of the draft Article 11a (Document No. DT 848).
- (ii) This recommendation is covered by the draft Article 11a, in particular by No. 18.
- (iii) This recommendation is covered by No. 10 of the draft Article 11a.
- (iv) This recommendation is included in paragraphs 2 and 3 of Annex 1 to Document No. 664 (Terms of reference of the Panel of Experts recommended by Committee 4), as well as on page 4 - 32 of Document No. 617.

2. Fixed Service

- (i) This recommendation is included in Recommendation No. 1 of Annex 3 to Document No. 664.
- (ii) This recommendation is covered by Section VII of the draft Article 11 (Document No. DT 776 (Rev.)) and in the draft Article 10.
- (iii) This recommendation is included in Document No. 664, particularly in paragraphs 6b) and 6c), and in Recommendations Nos. 1 and 2 of Annex 3.

3. General

- i) This recommendation is partially included in No. 308 of the draft Article 10 (Document No. DT 632 Rev.). However, it includes directives to the I.F.R.B. on the kind of assistance the Board should furnish to new and developing countries, and these directives are included in the annexed draft recommendation.
- ii) Recommendations a) and b) are included in the draft Article 14 (Document No. DT 679); recommendation c) is included in Section VII of the draft Article 11 (Document No. DT 776).
- iii) This recommendation is included in No. 291 of the draft Article 10 (Document No. DT 632 Rev.) and in the draft Article 11.
- iv) This recommendation is included in Nos. 342a, 352 to 359b and 360a of the draft Article 11.
- v) These recommendations are included in the draft recommendation  
and  
vi) hereto annexed. However, the last sentence of vi) is not included, as its substance is covered in the recommendation in Document No. 702 (ex No. DT 825).

Annex: 1

A N N E X

DRAFT RECOMMENDATION

regarding the practical needs of countries in need of special  
assistance

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The Administrative Radio Conference (Geneva 1959)

recommends that:

1. Administrations of countries in need of special assistance should establish their own facilities for processing and adjusting quartz crystals. and obtain crystal-stabilized variable frequency oscillators to be employed as a temporary means of frequency control of their transmitters pending availability of crystals adjusted to precise operating frequencies. When assistance in this matter is requested, it should be provided through the appropriate Technical Assistance Organs of the United Nations;
2. all Administrations should make special efforts to cooperate with the Administrations of countries in need of special assistance by furnishing monitoring information and such technical assistance as may aid these countries in obtaining proper frequency assignments for their operations;

invites the I.F.R.B.

3. to provide Administrations of countries in need of special assistance with the necessary information and technical data including, the detailed explanations of the Radio Regulations, which will permit these countries to choose and obtain proper frequency assignments for their operation.

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

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Document No. DT 858-E  
1 December 1959

WORKING GROUP 5A

DRAFT

Sub-Working Group 5A1 recommends that No. 87 of the Radio Regulations (Document No. 573) should read as follows:

87 MOD § 2. Any new assignment or any change of frequency or other basic characteristic of an existing assignment (see Appendix 1), shall be made in such a way as to avoid causing harmful interference to services rendered by stations using frequencies assigned in accordance with the Table of frequency allocations in this chapter and the other provisions of these Regulations, the characteristics of which are recorded in the Master International Frequency Register.

Note: (Does not concern the English text).

WORKING GROUP 5A

DRAFT

Amendments to Document No. DT 852

Following discussion of Document No. 674 (frequency bands above 27 500 kc/s) in Committee 5 on 30th November 1959, it is suggested that Annex 6 to Document No. DT 852 (Establishment of the Master International Frequency Register for frequencies above 28 000 kc/s) be amended as follows:

1. To insert the following paragraph:

2.2a When notifying, after the end of this Conference, new frequency assignments, i.e. assignments which will not be subject to review under paragraph 2.1, Administrations shall prepare their notices in the form described in Appendix 1 to the Radio Regulations (Geneva 1959) and shall apply, in appropriate cases, the principles contained in No. 318a of the Radio Regulations (Geneva 1959) and in Appendix 1 (Column 5a, paragraph 2d) to these Regulations.

2.2b Notices submitted under either paragraphs 2.2 or 2.2a should bear a suitable reference to the appropriate paragraph.

2. To read paragraph 2.3 as follows:

2.3 From 1 July 1960, the Board shall transfer to the Master Register, as initial entries, complete assignments in the Master Record, as notified by Administrations in conformity with paragraph 2.2 and 2.2a above.

3. To read paragraph 2.6 as follows:

2.6 All transferred assignments shall bear in Column 2c of the Master Register the date entered in Column 2c of the Master Record. Where, under the principles in No. 318a of the Radio Regulations (Geneva 1959) and in Appendix 1 (Column 5a, paragraph 2d), a single assignment is notified under paragraph 2.2 in replacement of several assignments entered in the Master Record, the date to be entered in Column 2c of the Master Register shall be the earliest date entered in Column 2c of the Master Record for the assignments concerned.

WORKING GROUP 5A

DRAFT RESOLUTION

Relating to the application, from 1 March 1960 to 31 December 1960,  
of the procedure specified in Article 11a of the Radio Regulations  
(Geneva 1959) for the bands allocated exclusively to the broadcasting  
service between 5 950 and 26 100 kc/s

The Administrative Radio Conference (Geneva 1959)  
resolves that:

1. The procedure specified in Article 11a of the Radio Regulations (Geneva 1959) shall be applied from 1st March 1960.
2. For this purpose, the first schedules, to become effective on 4th September 1960, for the September/October period 1960, should be received from Administrations by the International Frequency Registration Board by 1st March 1960. The closure dates for the receipt of the subsequent schedules will be set by the Board under No. 200f Article 11a.
3. The schedules referred to in paragraph 2 shall be prepared and submitted to the Board in conformity with the provisions of Section I of Article 11a.
4. The procedure for notifying and recording frequency assignments, provided for in Articles 32 and 33 of the E.A.R.C. Agreement shall cease to be applied from 1st March 1960 to frequency assignments to broadcasting stations in the bands allocated exclusively to the broadcasting service between 5 950 kc/s and 26 100 kc/s.



5. From 1st March 1960, the procedure specified in Nos. 339pq to 339ps of the Radio Regulations (Geneva 1959) shall be applied. Frequency assignments recorded in the Master Radio Frequency Record according to these provisions shall bear in Column 2c a date determined according to the relevant provisions of No. 339zb of the Radio Regulations (Geneva 1959). No date shall be entered in Column 2a or Column 2b.

6. In applying the provisions of Article 11a in accordance with the terms of this Resolution, "No. 327 of the Radio Regulations (Atlantic City 1947)" should be read instead of "No. 328a of these Regulations", and "Master Radio Frequency Record" should be read instead of "Master International Frequency Register".

7. The first edition of the High Frequency Broadcasting Frequency List referred to in No. 16 of Article 11a shall be published as of September 1961.

GENEVE, 1959

COMMISSION 4 - COMMITTEE 4 - COMISIÓN 4

ORDRE DU JOUR

38ème séance de la Commission 4 (Répartition des bandes de fréquences)

Vendredi, 4 décembre 1959, de 0900-1030 heures - Salle A

1. Comptes rendus des 32ème, 33ème, 34ème, 35ème, 36ème et 37ème séances (Documents N°s 684, 741 et 743 à 746 inclus) (s'ils sont publiés)
2. Emetteur protestant international (Document N° 417)
3. Termes et références (Document N° 724 - dont suppression éventuelle du paragraphe 2 compte tenu du Document N° 631)
4. Document N° 722 - Projet de Recommandation.
5. Divers.

A G E N D A

Thirty-eighth Meeting of Committee 4 (Frequency Allocation)

Friday 4 December, 1959, at 0900-1030 hours - Room A

1. Summary Records 32nd, 33rd, 34th, 35th, 36th and 37th Meetings (Documents Nos. 684, 741 and 743 to 746 inclusive) (if available)
2. International Protestant Transmitter (Document No. 417)
3. Terms and References (Document No. 724 - of which paragraph 2 should be deleted on account of Document No. 631)
4. Document No. 722 - Draft Recommendation.
5. Any other business.

ORDEN DEL DÍA

38.ª sesión de la Comisión 4 (Distribución de las bandas de frecuencias)

Viernes, 4 de diciembre de 1959, 0900-1030 horas - Sala A

1. Informes de las 32ª, 33ª, 34ª, 35ª, 36ª y 37ª Sesiones (Documentos N.ºs 684, 741 y 743-746 inclusive) (si se han publicado)
2. Emisora Protestante Internacional (Documento N.º 417)
3. Términos y referencias (Documento N.º 724 - suprimiendo el párrafo 2, como consecuencia del Documento N.º 631)
4. Documento N.º 722 - Proyecto de Recomendación
5. Otros asuntos.

Le Président ad interim :

Acting Chairman:

El Presidente ad interim:

E.J. Stewart

CONFERENCE ADMINISTRATIVE  
DES RADIOCOMMUNICATIONS

GENEVE, 1959

Document N° DT 861-FES  
3 décembre 1959

COMMISSION 4 - COMMITTEE 4 - COMISIÓN 4

ORDRE DU JOUR

38ème séance de la Commission 4 (Répartition des bandes de fréquences)

Vendredi, 4 décembre 1959, de 0900-1030 heures - Salle A

1. Comptes rendus des 32ème, 33ème, 34ème, 35ème, 36ème et 37ème séances (Documents N°s 684, 741 et 743 à 746 inclus) (s'ils sont publiés)
2. Emetteur protestant international (Document N° 417)
3. Termes et références (Document N° 724 - dont suppression éventuelle du paragraphe 2 compte tenu du Document N° 631)
4. Divers.

A G E N D A

Thirty-eighth Meeting of Committee 4 (Frequency Allocation)

Friday 4 December, 1959, at 0900-1030 hours, Room A

1. Summary Records 32nd, 33rd, 34th, 35th, 36th and 37th Meetings (Documents Nos. 684, 741 and 743 to 746 inclusive) (if available)
2. International Protestant transmitter (Document No. 417)
3. Terms and References (Document No. 724 - of which paragraph 2 should be deleted on account of Document No. 631)
4. Any other business.

ORDEN DEL DÍA

38.ª sesión de la Comisión 4 (Distribución de las bandas de frecuencias)

Viernes, 4 de diciembre de 1959, 0900-1030 horas - Sala A

1. Informes de las 32ª, 33ª, 34ª, 35ª, 36ª y 37ª sesiones (Documentos N.ºs 684, 741, 743-746 inclusive (si se han publicado)
2. Emisora Protestante Internacional (Documento N.º 417)
3. Términos y referencias (Documento N.º 724 - suprimiendo el párrafo 2, como consecuencia del Documento N.º 631)
4. Otros asuntos.

Le Président ad interim :  
Acting Chairman: E.J. Stewart  
El Presidente ad interim:

GENEVA, 1959

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WORKING GROUP 5A

DRAFT

amendments to Appendix 1 (Documents Nos. 670 and 733)

Page 7, Insert the following paragraph after paragraph 3 :

"4. When submitting notices for television broadcasting stations in Region 1, separate notices shall be submitted for the sound and vision channels. In such cases, the notices shall relate to the sound and vision carrier frequencies."

Page 9, Column 1, Insert an asterisk after "Assigned frequency" in the title and the following footnote at the bottom of the page :

"\* For television broadcasting stations in Region 1, the frequencies to be notified are those of the sound and vision carriers."

Page 19, Insert at the end of paragraph 3 the following sentence :

" In the case of television broadcasting stations in Region 1, each notice shall include, as supplementary information, both the frequency of the other carrier and the assigned frequency."

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

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Document No. DT 863-E  
3 December 1959

WORKING GROUP 5A

D R A F T

amendments to Article 11

(Documents Nos. DT 776 (Rev.) and 725)

Page 3

Delete the number "315a\*" and the footnote

Page 4

Delete the number "318b\*" and the footnote

WORKING GROUP 5A

DRAFT

Amendments to Document Nos. DT 851 and 734  
(Article 20 and List I)

Article 20

Page 2, paragraph 448b, sub-paragraph b)

Insert an asterisk after "frequency assignments" in the first and third lines.

Insert the following footnote at the bottom of the page:

" \* In the case of television broadcasting stations in Region 1, separate entries shall be inserted for the carrier frequencies of the sound and vision channels. "

List I, Column 1.

Insert the reference 0) after the title of the column and the following footnote:

" 0) In the case of television broadcasting stations in Region 1, the frequency in this column is that of the sound or vision carriers (see Appendix 1 to the Radio Regulations) "

WORKING GROUP 5A

ARTICLE 47

The Sub-Working Group 5A1 recommends the following text for Article 47:

" The Radio Regulations (Geneva, 1959) shall come into force on 1st January 1961, except for Appendices 12 and 12a. Those Appendices shall come into force on 1st July 1961. "

Furthermore, provisions should be included in this Article to abrogate the E.A.R.C. Agreement upon the coming into force of the provisions of the Radio Regulations (Geneva, 1959), except for Annexes 5 and 7 to this Agreement, which shall be abrogated on 1st July 1961.

WORKING GROUP 5A

DRAFT

CHANGES TO BE MADE IN THE DRAFT ARTICLE 11  
AND IN THE DRAFT RESOLUTION ON THE ESTABLISHMENT  
OF THE MASTER INTERNATIONAL FREQUENCY REGISTER

A. Additional paragraphs for Article 11:

1. Between Nos. 329a and 329b, include:

329a1 Exceptionally, when a notice of an assignment of a frequency in the band 415 - 1 605 kc/s to a station of the Region 3 or of the Region 1 but located out of the European Area is examined with respect to 329 (2), the entries with dates in Column 2b and an asterisk in the same column shall be taken into consideration whenever they are in accordance with 328a and have not in practice caused harmful interference to any frequency used by stations located out of the European Area whose assignments are entered in the Register with prior dates in Columns 2a or 2b.

2. Between 339q and 339qa include:

339q1 In particular, when the assignment is for a frequency in the band 415 - 1 605 kc/s in the European Area of Region 1, suitable comments or symbols shall be used to show whether the finding has been unfavourable in relation to any entry for a station located out of the European Area or only in relation to an entry or entries in the European Area.

3. After 339ra include:

339rd (4) Besides which, an asterisk shall be included in the same Column 2a or 2b in which the date appears, whenever the entry relates to the band 415 - 1 605 kc/s in the European Area.



4. Between 339zc and 339zd include:

339zcl Nevertheless, as an exception to what is laid down in 339zc, the existence of a date in Column 2a for an entry and of a date in Column 2b for another entry shall not be considered to bestow any final right on the former entry to protection against the latter, assuming both entries are marked with an asterisk against the date in the appropriate column.

B. Changes in references to Article 11

In 329, the reference to 339zc should be to 339zc and 339zcl.

In this same number, at the end of sub-paragraph 2, before the semi-colon, put "(see, too, 329al)".

C. Paragraph for inclusion at an appropriate spot (to be decided on) of the Resolution about the preparation of the new International Frequency Register, or in the annexes thereto:

On transfer from the present Master Radio Frequency Record to the new International Frequency Register, an asterisk shall be included opposite the appropriate date in Columns 2a or 2b, for all entries in the band 415 - 1 605 kc/s for the European Area, whenever such entries are in accordance with 328a.

(N.B. - Besides which, a reference to the above paragraph will have to be included in the table in Annex 1 to the Resolution, opposite the band 14 - 2 850 kc/s).

WORKING GROUP 5A

DRAFT RESOLUTION

Relating to intership frequencies in the frequency  
bands between 1 605 kc/s and 3 600 kc/s in Region 1

The Ordinary Administrative Radio Conference,

considering:

- a) that the Master International Frequency Register will contain among the initial entries the frequency assignments adopted by the Extraordinary Administrative Radio Conference (Geneva 1951), made to specific countries for intership communications in the frequency bands between 1 605 and 3 600 kc/s in Region 1;
- b) that provisions should be made for the notification and recording of the use of these frequencies for intership communications by Administrations of other countries in Region 1;

resolves:

- 1. that the use of the frequencies referred to in a) above by other Administrations should be coordinated with the Administrations concerned, and subsequently notified to the International Frequency Registration Board;
- 2. that upon such notification the Board shall record these new assignments in the Master International Frequency Register, without any date in columns 2a or 2b, but with an appropriate note in the Remarks Column, followed by the date of receipt of the notice by the Board;

invites Administrations:

3. to review the recorded areas of operation of the frequencies concerned, with a view to improving sharing possibilities;

and requests the I.F.R.B.:

4. to make, where necessary, such suggestions to the Administrations concerned, as it may be able to offer, with a view to achieving the purpose referred to in 3. above.

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

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Document No. DT 868-E  
3 December 1959

WORKING GROUP 5A

DRAFT

RESOLUTION RELATING TO CERTAIN ENTRIES IN  
THE MASTER RADIO FREQUENCY RECORD IN THE BANDS  
BELOW 27 500 kc/s

The Administrative Radio Conference, Geneva 1959,  
considering that:

- a) in various parts of the Table of Frequency Allocations, Atlantic City 1947, certain services had priority and will be primary services according to the Table of Frequency Allocations, Geneva 1959;
- b) the concepts of primary and secondary services have only now been introduced (see Article 5 of the Radio Regulations, Geneva 1959);
- c) the Extraordinary Administrative Radio Conference (Geneva 1951) adopted an International Frequency List which included entries not in conformity with the Table of Frequency Allocations, Atlantic City 1947;
- d) provisions have to be made in connection with these entries on the establishment of the Master International Frequency Register;

and taking into account

the Report by the International Frequency Registration Board to this Conference

resolves:

that those entries in the Master Radio Frequency Record referred to in the Annexes to this Resolution which will be transferred to the Master International Frequency Register shall receive the consideration and treatment specified in these Annexes;

and decides

1. to urge Administrations to take the required action;
2. and to invite the next Administrative Radio Conference to reconsider the situation.

FREQUENCY BANDS BELOW 3 950 kc/s (4 000 kc/s REGION 2) EXCEPT FOR THE BANDS ABOVE 2850 kc/s  
ALLOCATED EXCLUSIVELY TO THE AERONAUTICAL MOBILE SERVICES

Frequency bands kc/s	Entry in the Master Radio Frequency Record	Description of entry	Date in Column 2a or 2b	To be considered as a <u>permitted service</u> , as defined in No. / 7(B) of Document No. 242 / of the Radio Regulations, Geneva 1959, until (6)	Treatment thereafter (6)
14 - 2 850 kc/s (2 000 kc/s in Region 2)	Initial and Subsequent (until 31st December 1959)	Non-priority (Atlantic City 1947)	2a	Next Administrative Radio Conference (1)	According to the decisions of the next Administrative Radio Conference (1)
	Initial	Non-conformity with Table of Frequency Allocations (Atlantic City 1947)	2a	31st December 1961 (2)	As not conforming with Table of Frequency Allocations (Geneva 1959) (3)
	Initial	Classes of emission not in conformity with Table of Frequency Allocations (Atlantic City 1947)	2a	31st December 1961 (2)	As not conforming with Table of Frequency Allocations (Geneva 1959) (3)
	Initial and Subsequent	Conformity with Table of Frequency Alloca- tions (Atlantic City 1947) but Non-con- formity with Table of Frequency Allocations (Geneva 1959)	2a	Next Administrative Radio Conference (4)	According to the decisions of the next Administrative Radio Conference (4)

Frequency bands kc/s	Entry in the Master Radio Frequency Record	Description of entry	Date in Column 2a or 2b	To be considered as a <u>permitted service</u> , as defined in No. 7(B) of Document No. 242 of the Radio Regulations, Geneva 1959, until (6)	Treatment thereafter (6)
2 850 kc/s (2000 kc/s Region 2) - 3950 kc/s (4000 kc/s Region 2), except for the bands allocated exclusively to the aeronautical mobile service	Initial and Subsequent	Non-priority (Atlantic City 1947) (5)	2a (Regions 2 and 3) 2b (Region 1)	Next Administrative Radio Conference (1)	According to the decisions of the next Administrative Radio Conference (1)
	Initial	Non-conformity with Table of Frequency Allocations (Atlantic City 1947)	2a (Regions 2 and 3) 2b (Region 1)	31st December 1961 (2)	As not conforming with Table of Frequency Allocations (Geneva 1959) (3)
	Initial	Class of emission not in conformity with Table of Frequency Allocations (Atlantic City 1947)	2a (Regions 2 and 3) 2b (Region 1)	31st December 1961 (2)	As not conforming with Table of Frequency Allocations (Geneva 1959) (3)
	Initial and Subsequent	Conformity with Table of Frequency Allocations (Atlantic City 1947) but Non- conformity with Table of Frequency Allocations (Geneva 1959)	2a (Regions 2 and 3) 2b (Region 1)	Next Administrative Radio Conference (4)	According to the decisions of the next Administrative Radio Conference (4)

FOOTNOTES TO ANNEX 1

- (1) a) Until the situation has been reconsidered by the next Administrative Radio Conference, the class of service of these assignments shall be considered as being a permitted service, as defined in No. 7(B) of Document No. 242 of the Radio Regulations, Geneva 1959, and existing or future assignments for the primary or priority service in the same frequency band according to the Table of Frequency Allocations and other relevant provisions of the Radio Regulations of either Atlantic City 1947 or Geneva 1959 shall be considered, as far as their relationship with the former assignments is concerned, as being for a main service, as referred to in No. 7(B) of Document No. 242 of the Radio Regulations, Geneva 1959.
- b) In respect of the relationship with each other of the assignments referred to in (1) a) above, these provisions replace the relevant provisions of the Radio Regulations of Atlantic City 1947 and of Geneva 1959 whereby certain services in the particular bands are primary or priority services and other services are secondary or non-priority services in the same bands.
- (2) These assignments should be brought into conformity with the provisions of the Radio Regulations as soon as possible, either by their transfer to appropriate bands or by discontinuance of the operations of the services concerned. Until the date this has been done or until 31st December 1961, whichever date is the earlier, the assignments or classes of emission concerned shall be considered as being for a permitted service, as defined in No. 7(B) of Document No. 242 of the Radio Regulations, Geneva 1959, in derogation of the relevant provisions of the Radio Regulations Atlantic City 1947 and of Geneva 1959. The International Frequency Registration Board should draw the attention of the Administrations concerned to these entries as soon as possible.



- (3) On 1st January 1962, provided that the entries are not in conformity with the Table of Frequency Allocations (Geneva 1959), the dates appearing in Column 2a of the Master International Frequency Register shall be transferred to Column 2b and a symbol shall be entered in Column 13 to indicate non-conformity with that Table.
- (4) These assignments should be brought into conformity with the provisions of the Radio Regulations, Geneva 1959, as soon as possible after the entry into force of these Regulations, either by their transfer to appropriate bands or by discontinuance of the operations of the services concerned. Until this has been done, these assignments shall be considered as being for a permitted service, as defined in No. 7(B) of Document No. 242 of the Radio Regulations, Geneva 1959, in derogation of the relevant provisions of these Regulations until the next Administrative Radio Conference has reconsidered the situation. The International Frequency Registration Board should draw the attention of the Administrations concerned to these entries as soon as possible.
- (5) The subsequent entries for Region 1 are those which are in conformity with Nos. 327 and 328 of the Radio Regulations, Atlantic City 1947.
- (6) The foregoing provisions shall be taken into account by the International Frequency Registration Board when conducting the examinations prescribed in the Resolution relating to the establishment of the Master International Frequency Register and in Article 11 of the Radio Regulations, Geneva 1959.

A N N E X 2SHARED FREQUENCY BANDS BETWEEN 3 950 kc/s (4 000 kc/s REGION 2) AND 27 500 kc/s

Entry in the Master Radio Frequency Record	Description of Entry	To be considered as a permitted service, as defined in No. [7(B) of Document No. 242] of the Radio Regulations, Geneva 1959, until	Treatment thereafter
Initial and Subsequent	Non-priority (Atlantic City 1947) but in conformity with the Table of Frequency Allocations, Atlantic City 1947.	Next Administrative Radio Conference (1)	According to the decisions of the next Administrative Radio Conference (1)

FOOTNOTES TO ANNEX 2

- (1) a) Until the situation has been reconsidered by the next Administrative Radio Conference, the class of service of these assignments shall be considered as being a permitted service, as defined in No. [7(B) of Document No. 242] of the Radio Regulations, Geneva 1959, and existing or future assignments for the primary or priority service in the same frequency band according to the Table of Frequency Allocations and other relevant provisions of the Radio Regulations of either Atlantic City 1947 or Geneva 1959 shall be considered, as far as their relationship with the former assignments is concerned, as being for a main service, as referred to in No. [7(B) of Document No. 242] of the Radio Regulations, Geneva 1959.

b) In respect of the relationship with each other of the assignments referred to in (1) a) above, these provisions replace the relevant provisions of the Radio Regulations of Atlantic City 1947 and of Geneva 1959 whereby certain services in the particular bands are primary or priority services and other services are secondary or non-priority services in the same bands.

c) The foregoing provisions shall be taken into account by the International Frequency Registration Board when conducting the examinations prescribed in Article 11 of the Radio Regulations, Geneva 1959.

COMMITTEE 5

A G E N D A

Twenty-second Meeting of Committee 5

(Frequency Registration Procedure and  
International Frequency List)

1. Summary Record of the Sixteenth Meeting (Document No. 731)
2. Final documents of Working Group 5A :
  - 725 (Associated with Documents Nos. DT 776 (Rev.), and Document No. DT 863);
  - 728 (For information purposes);
  - 729
  - 729
  - 760 (Associated with Document No. DT 862 and Corrigendum 1, plus Addendum 1); Documents Nos. 670 and 733
  - 734 (Associated with Document No. DT 851 and Addendum 1)
  - 739 (Associated with Document No. DT 848);
  - 740 (Associated with Document No. DT 849, plus Corrigendum 1 and Addendum 1);
  - 759 (Associated with Document No. 860);
  - Document No. DT 764 - Document No. DT 868
  - Document No. 701
3. Any other business.

Mr. Joachim  
Chairman

ADMINISTRATIVE RADIO  
CONFERENCE  
GENEVA, 1959

Document No. DT 870-E  
7 December, 1959

COMMITTEE 5

A G E N D A

Twenty-fifth and last meeting - Committee 5

(Frequency Registration Procedure and International Frequency List)

Wednesday, 9 December, 1959, at 8.30 p.m. - Room A

1. Summary Records of the fifteenth, seventeenth, eighteenth, nineteenth, twentieth, twenty-first, twenty-second, twenty-third, and twenty-fourth meetings.
2. Procedure for approval of the Summary Record of the Committee's twenty-fifth meeting.
3. Any other business.

M. Joachim  
Chairman

CONFERENCE ADMINISTRATIVE  
DES RADIOCOMMUNICATIONS

GENEVE, 1959

Document N° DT 871-FES  
8 décembre 1959

COMMISSION 7  
COMMITTEE 7  
COMISIÓN 7

O R D R E D U J O U R

Vingt-septième séance

Mercredi 9 décembre 1959, à 14 h. 30 - Salle D

1. Fréquences communes navire-navire et navire-côte (Document N° 804).
2. Rapport du Groupe de travail 7E (Document N° 775).
3. Divers.

A G E N D A

Twenty-seventh Meeting

Wednesday, 9 December, 1959, at 14.30 hours - Room D

1. Common Intership and ship-shore Frequencies (Document No. 804).
2. Report of Working Group 7E (Document No. 775).
3. Any other business.

O R D E N D E L D Í A

27.<sup>a</sup> sesión de la Comisión 7

Miércoles, 9 de diciembre de 1959, a las 2,30 de la tarde - Sala D

1. Frecuencias comunes "entre barcos" y "barco-tierra" (Documento N.º 804).
2. Informe del Grupo de trabajo 7E (Documento N.º 775).
3. Otros asuntos.

Le Président :  
The Chairman : J. Ehnle  
El Presidente:

DRAFTING COMMITTEE

DRAFT

Plan of future Radio Regulations

		<u>Former Article</u> <u>No.</u>
<u>CHAPTER I</u>	<u>TERMINOLOGY</u>	
Article 1.	Terms and Definitions	1
Article 2.	Designation of Emissions	2
<u>CHAPTER II</u>	<u>FREQUENCIES</u>	
Article 3.	General Rules for the Assignment and Use of Frequencies	3
Article 4.	Special Arrangements	4
Article 5.	Table of Frequency Allocations	5
Article 6.	Special Rules for the Assignment and Use of Frequencies	7 *
Article 7.	Special Rules relating to Particular Services	9

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\* The contents of the former Articles 6 and 8 should be inserted  
in the appropriate place.

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INTERNATIONAL FREQUENCY REGISTRATION BOARD

		<u>Former Article No.</u>
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Article 9.	Notification and Recording of Frequencies in the Master International Frequency Register	11
Article 10.	Procedure for the Bands Allocated Exclusively to the Broadcasting Service between 5950 kc/s and 26 100 kc/s	11a
Article 11.	Internal Regulations of the International Frequency Registration Board	12

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Article 16	International Monitoring	18



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Article 18.	Licences	22
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<u>CHAPTER VI</u>	<u>PERSONNEL OF MOBILE SERVICE STATIONS</u>	
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Article 35.	Working Hours of Stations in the Maritime and Aeronautical Mobile Services	35

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\* Articles 36 and 46 have been deleted.

ADMINISTRATIVE RADIO  
CONFERENCE

GENEVA, 1959

Document No. DT 873-E  
8 December 1959

SUB-COMMITTEE 7B

A G E N D A

Thirty-first Meeting of Sub-Committee 7B  
(Radiotelegraph and Radiotelephone Procedure in the Mobile Service)

Thursday, 10 December 1959 at 9 a.m. - Room D

1. Approval of Summary Record of Twenty-first Meeting (Document No. 761).
2. Approval of Summary Record of Twenty-second Meeting (Document No. 762).
3. Approval of Summary Record of Twenty-third Meeting (Document No. 783).
4. Approval of Summary Record of Twenty-fourth Meeting (Document No. 784).
5. Approval of Summary Record of Twenty-fifth Meeting (Document No. 785).
6. Approval of Summary Record of Twenty-sixth Meeting (Document No. 786).
7. Approval of Summary Record of Twenty-seventh Meeting (Document No. 787).
8. Approval of Summary Record of Twenty-eighth Meeting (Document No. 788).
9. Approval of Summary Record of Twenty-ninth Meeting (Document No. 789).
10. Approval of Summary Record of Thirtieth Meeting (Document No. 790).

Chairman  
R. M. Billington

GENEVE, 1959

COMMISSION 4 - COMMITTEE 4 - COMISIÓN 4

ORDRE DU JOUR

39ème séance - Commission 4 (Répartition des bandes de fréquences)

Jeudi 10 décembre 1959, 0930 heures - Salle A

1. Comptes rendus des 33ème à 38ème séances, inclusivement (Documents N°s 741, 743-746 inclusivement et N° 777, respectivement)
2. Divers.

A G E N D A

Thirty-ninth Meeting of Committee 4 (Frequency Allocation)

Thursday 10 December 1959, 0930 hours - Room A

1. Summary Records of the 33rd-38th Meetings inclusive (Documents Nos. 741, 743-746 inclusive and No. 777 respectively)
2. Any other business.

ORDEN DEL DÍA

39.ª sesión de la Comisión 4 (Distribución de las bandas de frecuencias)

Jueves, 10 de diciembre de 1959, 0930 horas - Sala A

1. Informes de las 33ª-38ª sesiones inclusive (Documentos N.ºs 741, 743-746 inclusive y N.º 777, respectivamente)
2. Otros asuntos.

Le Président :

Chairman: Gunnar Pedersen

El Presidente:

ADMINISTRATIVE RADIO

CONFERENCE

GENEVA, 1959

Document No. DT 875-E  
18 December, 1959

COMMITTEE 2

A G E N D A

Sixth Meeting - Committee 2 (Credentials)

Saturday, 19 December, 1959, at 11.30 a.m.

1. Approval of the Summary Record of the Fifth Meeting (Document No. 482).
2. Examination of credentials received since the submission of the Second Report of Committee 2.
3. Draft Report of Committee 2 to the Plenary Assembly.