

TRACTATENBLAD

VAN HET

KONINKRIJK DER NEDERLANDEN

JAARGANG 1978 Nr. 183

A. TITEL

*Radioreglement behorende bij het Internationaal Verdrag betreffende de Verreberichtgeving van Genève van 21 december 1959, met bijlagen,
Aanvullend Radioreglement en Aanvullend Protocol;
Genève, 21 december 1959*

B. TEKST

De Engelse tekst van het Reglement, cum annexis, is geplaatst in *Trb.* 1961, 115. Zie ook de rubrieken J van *Trb.* 1964, 106, *Trb.* 1967, 137, *Trb.* 1968, 135, *Trb.* 1972, 79 en *Trb.* 1975, 56, alsmede rubriek J hieronder.

D. PARLEMENT

Zie *Trb.* 1978, 7.

De in rubriek J hieronder afgedrukte Slotakten behoeven ingevolge artikel 62, eerste lid, letter a, van de Grondwet, juncto artikel 16 van de Telegraaf- en Telefoonwet 1904 (*Stb.* 7) niet de goedkeuring der Staten-Generaal alvorens voor het Koninkrijk der Nederlanden in werking te kunnen treden.

G. INWERKINGTREDING

Zie *Trb.* 1961, 115.

J. GEGEVENS

Zie *Trb.* 1961, 115, *Trb.* 1964, 106, *Trb.* 1967, 137, *Trb.* 1968, 135, *Trb.* 1972, 79, *Trb.* 1975, 56 en *Trb.* 1978, 7.

Tijdens een van 10 januari tot 13 februari 1977 te Genève gehouden Wereld Administratieve Radioconferentie inzake het opstellen van een Plan voor het gebruik van Omroepsatellieten in de 12 GHz-band zijn op 13 februari 1977 Slotakten ondertekend, welke een aanvulling van het onderhavige Reglement bevatten. De Slotakten zullen ingevolge artikel 15 van het bij de Slotakten behorende Deel I op 1 januari 1979 in werking treden. De Leden van de Internationale Vereniging voor Telecommunicatie dienen in overeenstemming met artikel 13, eerste lid, van bedoeld Deel I de Secretaris-Generaal van hun goedkeuring van de Slotakten in kennis te stellen.

De Engelse tekst ¹⁾ van de Slotakten, het daarbij behorende Deel I en de resoluties Sat 3 en Sat 4 luidt als volgt:

**Final Acts of the World Administrative Radio Conference for the
planning of the broadcasting-satellite service in frequency bands
11.7-12.2 GHz (in Regions 2 and 3) and 11.7-12.5 GHz
(in Region 1), Geneva, 1977**

Preamble

1. The World Administrative Radio Conference for the planning of the broadcasting-satellite service in frequency bands 11.7-12.2 GHz (in Regions 2 and 3) and 11.7-12.5 GHz (in Region 1) having been convened at Geneva on 10 January 1977, under Article 54 of the International Telecommunication Convention and in accordance with Resolution No. 27 of the Plenipotentiary Conference, Malaga-Torremolinos, 1973, and Resolution No. Spa2 - 2 of the World Administrative Radio Conference for Space Telecommunications, Geneva, 1971, has been charged:

- to establish the sharing criteria for the bands 11.7-12.2 GHz (in Regions 2 and 3) and 11.7-12.5 GHz (in Region 1) between the broadcasting satellite service and the other services to which these bands are allocated;
- to plan for the broadcasting satellite service in the above-mentioned bands;
- to establish procedures to govern the use of these bands by the broadcasting satellite service and by the other services to which these bands are allocated;
- to consider the results of the work of the Group of Experts on the possible re-arrangement of the Radio Regulations and the Additional Radio Regulations.

¹⁾ De Franse tekst is niet afgedrukt.

2. The delegates of the following Members of the International Telecommunication Union,

Republic of Afghanistan, Algerian Democratic and Popular Republic, Federal Republic of Germany, Kingdom of Saudi Arabia, Argentine Republic, Australia, Austria, State of Bahrain, People's Republic of Bangladesh, Belgium, People's Republic of Benin, Byelorussian Soviet Socialist Republic, Republic of Bolivia, Federative Republic of Brazil, People's Republic of Bulgaria, Republic of Burundi, Canada, Central African Empire, Chile, People's Republic of China, Republic of Cyprus, Vatican City State, Republic of Colombia, State of the Comoros, People's Republic of the Congo, Republic of Korea, Republic of the Ivory Coast, Cuba, Denmark, Arab Republic of Egypt, United Arab Emirates, Ecuador, Spain, United States of America, Ethiopia, Finland, France, Gabon Republic, Ghana, Greece, Republic of Guatemala, Republic of Guinea, Republic of Haiti, Republic of Upper Volta, Hungarian People's Republic, Republic of India, Republic of Indonesia, Iran, Ireland, Iceland, Italy, Japan, Republic of Kenya, State of Kuwait, Lao People's Democratic Republic, Lebanon, Libyan Arab Republic, Principality of Liechtenstein, Luxembourg, Democratic Republic of Madagascar, Malaysia, Republic of Mali, Republic of Malta, Kingdom of Morocco, Mauritius, Islamic Republic of Mauritania, Mexico, Monaco, Mongolian People's Republic, Federal Republic of Nigeria, Norway, New Zealand, Sultanate of Oman, Republic of Uganda, Islamic Republic of Pakistan, Republic of Panama, Papua New Guinea, Republic of Paraguay, Kingdom of the Netherlands, Republic of the Philippines, People's Republic of Poland, Portugal, German Democratic Republic, Democratic People's Republic of Korea, Ukrainian Soviet Socialist Republic, Socialist Republic of Roumania, United Kingdom of Great Britain and Northern Ireland, Republic of Senegal, Republic of Singapore, Democratic Republic of the Sudan, Sweden, Confederation of Switzerland, United Republic of Tanzania, Republic of the Chad, Czechoslovak Socialist Republic, Thailand, Togolese Republic, Tunisia, Turkey, Union of Soviet Socialist Republics, Oriental Republic of Uruguay, Republic of Venezuela, Yemen Arab Republic, People's Democratic Republic of Yemen, Socialist Federal Republic of Yugoslavia, Republic of Zaire,

- bearing in mind the importance of making the best possible use of the radio-frequency spectrum and the geostationary-satellite orbit as well as the need for an orderly development of the services to which these bands are allocated;
- taking into account the equal rights of all countries, large and small, even those countries which are not represented at the Conference;

have adopted, subject to the approval of the competent authorities of their respective countries, the following provisions and associated Plan (Part I) and the decisions relating to the re-arrangement of the Radio Regulations and the Additional Radio Regulations (Part II):

IN WITNESS WHEREOF, the delegates of the Members of the Union mentioned above have, on behalf of their respective competent authorities, signed these Final Acts in a single copy in the Chinese, English, French, Russian and Spanish languages, in which, in case of dispute, the French text shall prevail. This copy shall remain deposited in the archives of the Union. The Secretary-General shall forward one certified true copy to each Member of the International Telecommunication Union.

DONE at Geneva, 13 February 1977.

For the Republic of Afghanistan:

K. D. KAMRAN

For Algeria (Algerian Democratic and Popular Republic):

N. BOUHIRED

R. BOUNAB

For the Federal Republic of Germany:

VENHAUS

BINZ

KRATH

For the Kingdom of Saudi Arabia:

ABDULMOHSEN M. SWAILEM

ABDULRAHMAN A. DAGHISTANI

ALI MOHAMED ALBABTAIN

SALEH MOHAMMED AL-SALEEM

M. I. AL-MULHEM

For the Argentine Republic:

FERNANDO JIMÉNEZ DÁVILA

For Australia:

E. J. WILKINSON

J. M. DIXON

For Austria:

Dr. ALFRED BÖNISCH

For the State of Bahrain:

MOHAMED REDHA AMIN

For the People's Republic of Bangladesh:

A. M. M. A'ABAD

SHAMS-UD-DOWLA KHAN

For Belgium:

GEWILLIG M.

For the People's Republic of Benin:

BOCCO COFFI NORBERT

AMOUSSOU COMLANVI EVARISTE

For the Byelorussian Soviet Socialist Republic:

V. OULASSIK

For the Republic of Bolivia:

RENE G. OSSORIO B.

For the Federative Republic of Brazil:

Dr. JOÃO CARLOS FAGUNDES ALBERNAZ

For the People's Republic of Bulgaria:

IGNATOV IVAN

For the Republic of Burundi:

NIYCKINDI FIACRE

HUMUZA BERNARD

For Canada:

GABRIEL I. WARREN

G. C. BROOKS

For the Central African Empire:

TOKPAN GILBERT

NIAKPAKO GABRIEL

OUOKO-DELOMBAUT

For Chile:

GONZALO RAMIREZ ZEPEDA

For the People's Republic of China:

LU KE-CHIN

HSU CHUNG-MING

For the Republic of Cyprus:

ROGER MICHAELIDES

MICHAELIDES ANDREAS

ASTREOS PAUL T.

For the Vatican City State:

MAFFEO SABINO

GIUDICI PIER VINCENZO

For the Republic of Colombia:

JAIME AGUILERA

HUMBERTO CHAVES NAVIA

ANTONIO DUARTE

QUIJANO-CABALLERO JOAQUÍN

For the State of the Comoros:

SALIM HAMDAN

For the People's Republic of the Congo:

POUEBA

TATY KOUKA

BATHEAS MOLLOMB

For the Republic of Korea:

CHUNG SUP SHIN

For the Republic of the Ivory Coast:

NOGBOU CHRISTOPHE

KONE OUMAR MAURI

ADJE KADJO I.

YAPO JEAN

BROU YAPO SAMSON

DIABATÉ SÉKOU

For Cuba:

CARLOS MARTÍNEZ ALBUERNE
VICTOR FERNÁNDEZ RODRÍGUEZ
HUGO FERNÁNDEZ MAC BEATH

For Denmark:

IB LØNBERG
P. V. LARSEN
J. A. HEEGAARD
ORLA HANSEN

For the Arab Republic of Egypt:

AHMED HOSNI ANTAR
MOKHTAR TAHA BADR

For the United Arab Emirates:

HALIM J. FANOUS

For Ecuador:

CESAR A. LARA
RODRIGO VALDEZ

For Spain:

VALENTIN QUINTAS
LORENZO CHAMORRO
LUIS GARCIA-CEREZO

For the United States of America:

ROBERT E. LEE
GORDON L. HUFFCUTT
NEAL K. Mc NAUGHTEN

For Ethiopia:

SEYOUM GABRE CHRISTOS
TESFATSION SEBHATU

For Finland:

KEIJO TOIVOLA
KALEVI TERÄSVUO

For France:

J. GUEURY
M. HUET
M. MONNOT

For the Gabon Republic:

IMOUNGA FRANCIS
ONANGA FAUSTIN

For Ghana:

T. N. L. BONSO-BRUCE
K. A. JACKSON

For Greece:

METAXAS A.
HAGER C.
NICOLAIDIS E. M.
KASTANAS G.
CASSAPOGLOU V.

For the Republic of Guatemala:

MARIO RENÉ ALTÁN BARILLAS
RODOLFO CHENAL LUNA

For the Republic of Guinea:

DIALLO
TOURE SIDIKI

For the Republic of Haiti:

ANTONIO RIMPEL
FRITZ MICHEL

For the Republic of Upper Volta:

SONGRÉ PIERRE CLAVER

For the Hungarian People's Republic:

HORN DEZSÖ
Dr. HORVÁTH LAJOS

For the Republic of India:

T. V. SRIRANGAN
S. N. MITRA
V. A. D. RAYALU
Dr. B. S. RAO
S. KRISHNAMURTHY
B. S. NARGAS
K. S. MOHANAVELU

For the Republic of Indonesia:

TH. A. PRATOMO
BRATAHALIM SULAIMAN
SRI SLAMETO
PERANGIN ANGIN REMEDI

For Iran:

SIAMAK NADIMI

For Ireland:

M. GRANT

For Iceland:

G. ARNAR

For Italy:

A. PETTI

For Japan:

HIROSHI KADOTA
MASAKI SEO
SHIRO UESHIMA

For the Republic of Kenya:

C. AMIRA
PETERSON JOHN KINYVA
JAMES PETER KIMANI

For the State of Kuwait:

JAWAD A. AL-MAZEEDI
IBRAHIM ASKAR SAUD

For the Lao People's Democratic Republic:

THAO BO

THONGPHET LUANGPHENGSOUK

For Lebanon:

GHAZAL MAURICE

ASHRAF SINNO

For the Libyan Arab Republic:

MOHAMED SALEH ALSABEY

For the Principality of Liechtenstein:

Comte MARIO VON LEDEBUR

For Luxembourg:

REICHLING CHARLES

RETTEL JEAN

For the Democratic Republic of Madagascar:

RAKOTOARIVELO BENJAMIN

RATIARISON

For Malaysia:

NG EK POH

For the Republic of Mali:

OUMAR SIDIBE

For the Republic of Malta:

EVARIST SALIBA

For the Kingdom of Morocco:

WAKRIM MOHAMED

For Mauritius:

RAMBERT J. M. H. NOËL

St. LAMBERT J. L. HERBERT

For the Islamic Republic of Mauritania:

LÔ MEDOUNE

MANGASSOUBA ALIOU

For Mexico:

JOSÉ J. HERNÁNDEZ G.
LUIS VALENCIA P.

For Monaco:

SOLAMITO CESAR CHARLES
AUVRAY GUSTAVE GABRIEL

For the Mongolian People's Republic:

DUGERSURENGIIN ERDEMBILEG

For the Federal Republic of Nigeria:

INOMA RAPHAEL EJOH NATHAN
NWANKPELE ALPHONSUS IKEM
AKINWUMI JOSHUA AYODELE

For Norway:

P. MORTENSEN
L. GRIMSTVEIT
ARNE BØE
KNUT N. STOKKE
T. ØVENSEN

For New Zealand:

ROBERT JOHN BUNDLE
M. S. AKED
JOHN PATERSON CARTER
T. R. CUDBY

For the Sultanate of Oman:

HAMED YAHYA AL-KINDY

For the Republic of Uganda:

P. A. S. MUKASA

For the Islamic Republic of Pakistan:

KHALID SALEEM
MOHAMMAD ZUBAIR
EHSANUL HAQ
MOHAMMAD YAHIA

For the Republic of Panama:

A. P. VILLAMONTE RAMOS

For Papua New Guinea:

GEORGE HUGH RAILTON

For the Republic of Paraguay:

MONTANARO CANZANO SABINO ERNESTO

For the Kingdom of the Netherlands:

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ESPEJO C. V.

For the People's Republic of Poland:

KONRAD KOZŁOWSKI

HALINA SMOLENSKA

For Portugal:

ADRIANO ANTÓNIO DE CARVALHO

DOMINGOS ANTÓNIO PIRES FRANCO

MARIA TERESA RODRIGUES BANDEIRA

CELSO JOÃO DE ALBUQUERQUE

For the German Democratic Republic:

CZERWINSKI

For the Democratic People's Republic of Korea:

KIM RYE HYON

For the Ukrainian Soviet Socialist Republic:

SAVANTCHOOK

For the Socialist Republic of Roumania:

AIRINEI GHEORGHE

For the United Kingdom of Great Britain and Northern Ireland:

D. E. BAPTISTE
STEPHEN TEMPLE

For the Republic of the Senegal:

ALIOUNE MBODJI DIONE
MALICK MBAYE

For the Republic of Singapore:

R. G. RAJASINGAM
SEBESTIAN C. H. TAN

For the Democratic Republic of the Sudan:

ABDELWAHAB GAMAL

For Sweden:

CARL GÖSTA ÅSDAL
GUNNAR MALMGREN

For the Confederation of Switzerland:

C. STEFFEN
E. SCHWARZ
K. BERNATH

For the United Republic of Tanzania:

STEPHEN ODUNGA

For the Republic of the Chad:

HAMID KANTE

For the Czechoslovak Socialist Republic:

JÍRA JIŘÍ

For Thailand:

SUCHART P. SAKORN
KRAISORN PORNSUTEE

For the Togolese Republic:

ASSIONGBOR AMOUZOGAH

For Tunisia:

SLAHEDDINE BENHAMIDA
SALAH HADIJI

For Turkey:

DOGAN ERDEN
YALÇIN ERTEM
NURGÜN AKYÜZALP
H. HAŞMET ESEN
H. ŞAKIR KÖKER
KEMAL ERGINER

For the Union of Soviet Socialist Republics:

BADALOV A. L.

For the Oriental Republic of Uruguay:

JUAN JOSÉ REAL

For the Republic of Venezuela:

CARLOS J. MARTINEZ G.
LEOPOLDO COOK

For the Yemen Arab Republic:

HUSSAIN AHMED MOGBEL

For the People's Democratic Republic of Yemen:

MOHAMED ALI AZZANI
MOHAMED YAQUOB

For the Socialist Federal Republic of Yugoslavia:

DULOVIĆ LJUBOMIR

For the Republic of Zaire:

MWAMBA KASONGO
YEMBI NSAMPALA

PART I

Provisions and associated Plan

Article 1

General Definitions

For the purposes of these Final Acts the following terms shall have the meanings defined below:

Union: The International Telecommunication Union;

Secretary-General: The Secretary-General of the Union;

WARC: World Administrative Radio Conference;

Conference: World Administrative Radio Conference for the planning of the broadcasting-satellite service in frequency bands 11.7-12.2 GHz (in Regions 2 and 3) and 11.7-12.5 GHz (in Region 1), called in short World Broadcasting-Satellite Administrative Radio Conference, Geneva, 1977;

IFRB (Board): The International Frequency Registration Board;

CCIR: The International Radio Consultative Committee;

Convention: The International Telecommunication Convention (Malaga-Torremolinos, 1973);

Radio Regulations: The Radio Regulations (1976 edition) annexed to the Convention;

Regions 1, 2 and 3: The geographical areas defined in Nos. 126 to 132 of the Radio Regulations;

Master Register: The Master International Frequency Register;

IFRB weekly circular: The publication referred to in No. 497 of the Radio Regulations;

Plan: The Plan for Regions 1 and 3 and its annexes;

Administration: Any governmental department or service responsible for discharging the obligations undertaken in the Convention and the Radio Regulations;

Frequency assignment in accordance with the Plan: Any frequency assignment which appears in the Plan or for which the procedure of Article 4 of the Final Acts has been successfully applied.

Article 2

Frequency Bands

2.1 The provisions of these Final Acts apply to the broadcasting-satellite service in the frequency bands between 11.7 and 12.5 GHz

in Region 1 and between 11.7 and 12.2 GHz in Regions 2 and 3 and to the other services to which these bands are allocated, so far as their relationship to the broadcasting-satellite service in these bands is concerned.

Article 3

Execution of the Final Acts

3.1 The Members of the Union in Regions 1 and 3 shall adopt, for their broadcasting-satellite space stations operating in the frequency bands referred to in the Final Acts, the characteristics specified in the Plan for those Regions.

3.2 The Members of the Union in Region 2 shall apply the interim provisions contained in Article 12 of the Final Acts. These provisions will govern the broadcasting-satellite service in Region 2 until detailed plans for Region 2, drawn up by a future regional administrative radio conference, have entered into force.

3.3 The Members of the Union shall not change the characteristics specified in the Plan, or establish new broadcasting-satellite space stations or stations in the other services to which these frequency bands are allocated, except as provided for in the Radio Regulations and the appropriate Articles and Annexes of these Final Acts.

Article 4

Procedure for Modifications to the Plan

4.1 When an administration intends to make a modification¹⁾ to the Plan, i.e. either

- to modify the characteristics of any of its frequency assignments to a space station²⁾ in the broadcasting-satellite service which are shown in the Plan, or for which the procedure in this Article has been successfully applied, whether or not the station has been brought into use, or
- to include in the Plan a new frequency assignment to a space station in the broadcasting satellite service, or
- to cancel a frequency assignment to a space station in the broadcasting-satellite service,

¹⁾ The intention not to employ energy dispersal consistent with section 3.18 of Annex 8 shall be treated as a modification and thus subject to the appropriate provisions of this Article.

²⁾ The expression "frequency assignment to a space station", wherever it appears in this Article, shall be understood to refer to a frequency assignment associated with a given orbital position. See Annex 10 for the orbital position limitations.

the following procedure shall be applied before any notification of the frequency assignment is made to the International Frequency Registration Board (see Article 5 of these Final Acts).

4.2 The term "frequency assignment in accordance with the Plan" used in this and the following articles is defined in Article 1.

4.3 *Proposed modifications to a frequency assignment in accordance with the Plan or the inclusion in the Plan of a new frequency assignment*

4.3.1 An administration proposing a modification to the characteristics of a frequency assignment in accordance with the Plan or the inclusion of a new frequency assignment in the Plan shall seek the agreement of those administrations:

4.3.1.1 having a frequency assignment to a space station in the broadcasting-satellite service in the same channel or an adjacent channel, which is in accordance with the Plan or in respect of which modifications to the Plan have been published by the Board in accordance with the provision of this Article; or

4.3.1.2 having a frequency assignment to a space station in the broadcasting-satellite service in Region 2 with the necessary bandwidth, any portion of which falls within the necessary bandwidth of the proposed assignment and which is recorded in the Master Register; or

- which has been coordinated or is being coordinated under the provisions of Resolution No. Spa2-3; or
- which appears in a Region 2 plan ¹⁾ to be adopted at a future regional administrative radio conference, taking account of modifications which may be introduced subsequently in accordance with the Final Acts of that Conference; or

4.3.1.3 having no frequency assignment in the broadcasting-satellite service in the channel concerned but in whose territory the power flux density value exceeds the prescribed limit as a result of the proposed modification; or

4.3.1.4 having a frequency assignment in the band 11.7-12.2 GHz to a space station in the fixed-satellite service which is recorded in the Master Register or which has been coordinated or is being coordinated under the provisions of No. 639 AJ of the Radio Regulations; or those of paragraph 7.2.1 of these Final Acts;

which are considered to be affected.

A frequency assignment is considered to be affected when the limits shown in Annex 1 are exceeded.

1) The Region 2 plan adopted at a future regional administrative radio conference shall not degrade the protection afforded to the frequency assignments in the Plan below the limits specified in these Final Acts.

4.3.2 An administration intending to modify characteristics in the Plan shall send to the Board, not earlier than five years but not later than eighteen months before the date on which the assignment is to be brought into use, the relevant information listed in Annex 2. If the assignment is not brought into use by that date, the modification shall lapse.

4.3.2.1 Where as a result of the intended modification the limits defined in Annex 1 are not exceeded, this fact shall be indicated when submitting to the Board the information required by 4.3.2. The Board shall then publish this information in a special section of its weekly circular.

4.3.2.2 In all other cases the administration shall notify the Board of the names of the administrations whose agreement it considers should be sought in order to arrive at the agreement referred to in 4.3.1 as well as of those with which agreement has already been reached.

4.3.3 The Board shall determine on the basis of Annex 1 the administrations whose frequency assignments are considered to be affected within the meaning of 4.3.1. The Board shall include the names of those administrations with the information received under 4.3.2.2 and shall publish the complete information in a special section of its weekly circular. The Board shall immediately send the results of its calculations to the administration proposing the modification to the Plan.

4.3.4 The Board shall send a telegram to the administrations listed in the special section of the weekly circular drawing their attention to the information it contains and shall send them the results of its calculations.

4.3.5 An administration which feels that it should have been included in the list of administrations whose services are considered to be affected may, giving the technical reasons for so doing, request the Board to include its name. The Board shall study this request on the basis of Annex 1 and shall send a copy of the request with an appropriate recommendation to the administration proposing the modification to the Plan.

4.3.6 Any modification to a frequency assignment which is in accordance with the Plan or any inclusion in the Plan of a new frequency assignment which would have the effect of exceeding the limits specified in Annex 1 shall be subject to the agreement of all affected administrations.

4.3.7 The administration seeking agreement or the administration with which agreement is sought may request any additional technical information it considers necessary. The administrations shall inform the Board of such requests.

4.3.8 Comments from administrations on the information published pursuant to 4.3.3 should be sent either directly to the administration proposing the modification or through the Board. In any event the Board shall be informed that comments have been made.

4.3.9 An administration which has not notified its comments either to the administration seeking agreement or to the Board within a period of one hundred and twenty days following the date of the weekly circular referred to in 4.3.2.1 or 4.3.3 shall be understood to have agreed to the proposed modification. This time limit may be extended by eighty days for an administration which has requested additional information under 4.3.7 or for an administration which has requested the assistance of the Board under 4.3.17. In the latter case the Board shall inform the administrations concerned of this request.

4.3.10 If, in seeking agreement, an administration modifies its initial proposal, it shall again apply the provisions of 4.3.2 and the consequent procedure with respect to any other administration whose services might be affected as a result of modifications to the initial proposal.

4.3.11 If no comments have been received on the expiry of the periods specified in 4.3.9, or if agreement has been reached with the administrations which have made comments and with which agreement is necessary, the administration proposing the modification may continue with the appropriate procedure in Article 5 and shall inform the Board, indicating the final characteristics of the frequency assignment together with the names of the administrations with which agreement has been reached.

4.3.12 The agreement of the administrations affected may also be obtained in accordance with this Article, for a specified period.

4.3.13 When the proposed modification to the Plan involves developing countries, administrations shall seek all practicable solutions conducive to the economical development of the broadcasting-satellite systems of these countries.

4.3.14 The Board shall publish in a special section of its weekly circular the information received under 4.3.11 together with the names of any administrations with which the provisions of this Article have been successfully applied. The frequency assignment concerned shall enjoy the same status as those appearing in the Plan and will be considered as a frequency assignment in accordance with the Plan.

4.3.15 When an administration proposing to modify the characteristics of a frequency assignment or to make a new frequency assignment receives notice of disagreement from an administration whose agreement it has sought, it should first endeavour to solve the problem by exploring all possible means of meeting its requirement.

If the problem still cannot be solved by such means, the administration whose agreement has been sought should endeavour to overcome the difficulties as far as possible, and shall state the technical reasons for any disagreement if the administration seeking the agreement requests it to do so.

4.3.16 If no agreement is reached between the administrations concerned, the Board shall carry out any study that may be requested by these administrations; the Board shall inform them of the result of the study and shall make such recommendations as it may be able to offer for the solution of the problem.

4.3.17 An administration may at any stage in the procedure described, or before applying it, request the assistance of the Board, particularly in seeking the agreement of another administration.

4.3.18 The relevant provisions of Article 5 of these Final Acts shall be applied when frequency assignments are notified to the Board.

4.4 *Cancellation of frequency assignments*

When a frequency assignment in accordance with the Plan is released, whether or not as a result of a modification, the administration concerned shall immediately so inform the Board. The Board shall publish this information in a special section of its weekly circular.

4.5 *Master copy of the Plan*

4.5.1 The Board shall maintain an up-to-date master copy of the Plan taking account of the application of the procedure specified in this Article. The Board shall prepare a document listing the amendments to be made to the Plan as a result of modifications made in accordance with the procedure in this Article.

4.5.2 The Secretary-General shall be informed by the Board of modifications made to the Plan and shall publish an up-to-date version of the Plan in an appropriate form when justified by the circumstances.

Article 5

Notification, Examination and Recording in the Master Register of Frequency Assignments to Space Stations in the Broadcasting-Satellite Service in Regions 1 and 3

5.1 *Notification*

5.1.1 Whenever an administration intends to bring into use a frequency assignment to a space station in the broadcasting-satellite service, it shall notify this frequency assignment to the Board. For this purpose, the notifying administration shall apply the following provisions.

5.1.2 For any notification under 5.1.1, an individual notice for each frequency assignment shall be drawn up as prescribed in Annex 2, the various sections of which specify the basic characteristics to be provided as appropriate. It is recommended that the notifying administration should also supply any other data it may consider useful.

5.1.3 Each notice must reach the Board not earlier than three years before the date on which the frequency assignment is to be brought into use. In any case, the notice must reach the Board not later than ninety days before that date ¹⁾).

5.1.4 Any frequency assignment, the notice of which reaches the Board after the applicable period specified in 5.1.3 shall, where it is to be recorded, bear a remark in the Master Register to indicate that it is not in conformity with 5.1.3.

5.1.5 Any notice made under 5.1.1 which does not contain the characteristics specified in Annex 2 shall be returned by the Board immediately by airmail to the notifying administration with the relevant reasons.

5.1.6 Upon receipt of complete notice, the Board shall include its particulars, with the date of receipt, in its weekly circular which shall contain the particulars of all such notices received since the publication of the previous circular.

5.1.7 The circular shall constitute the acknowledgement to the notifying administration of the receipt of a complete notice.

5.1.8 Complete notices shall be considered by the Board in order of receipt. The Board shall not postpone its finding unless it lacks sufficient data to reach a decision; moreover, the Board shall not act upon any notice which has a technical bearing on an earlier notice still under consideration by the Board, until it has reached a finding with respect to such earlier notice.

5.2 *Examination and recording*

5.2.1 The Board shall examine each notice:

a) with respect to its conformity with the Convention and the relevant provisions of the Radio Regulations and Annex 1 of these Final Acts (with the exception of those relating to conformity with the Plan);

b) with respect to its conformity with the Plan.

5.2.2 Where the Board reaches a favourable finding with respect to 5.2.1, the frequency assignment of an administration shall be recorded in the Master Register. The date of receipt by the Board of

¹⁾ Where appropriate, the notifying administration shall initiate the procedure for modifying the Plan in sufficient time to ensure that this limit is observed.

the notice shall be entered in Column 2d. In relations between administrations all frequency assignments brought into use in conformity with the Plan and recorded in the Master Register shall be considered to have the same status irrespective of the dates entered in Column 2d for such frequency assignments.

5.2.3 Whenever a frequency assignment is recorded in the Master Register, the finding reached by the Board shall be indicated by a symbol in Column 13a.

5.2.4 Where the Board reaches an unfavourable finding with respect to 5.2.1, the notice shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this finding and with such suggestions as the Board may be able to offer with a view to a satisfactory solution of the problem.

5.2.5 Where the notifying administration resubmits the notice and the finding of the Board becomes favourable with respect to 5.2.1, the notice shall be treated as in 5.2.2.

5.2.6 If the notifying administration resubmits the notice without modification and insists on its reconsideration, and if the Board's finding with respect to 5.2.1 remains unfavourable, the notice is returned to the notifying administration in accordance with 5.2.4. In this case, the notifying administration undertakes not to bring into use the frequency assignment until the condition specified in 5.2.5 is fulfilled. The agreement of the administrations affected can also be obtained in accordance with Article 4 for a specified period. In that event the Board shall be notified of the agreement and the frequency assignment shall be recorded in the Master Register with a note indicating that the frequency assignment is valid only for the period specified. The notifying administration using the frequency assignment over a specified period shall not subsequently invoke this fact to justify the continued use of the frequency beyond the period specified unless it obtains the agreement of the administration(s) concerned.

5.2.7 If a frequency assignment notified in advance of bringing into use has received in conformity with 5.1.3 a favourable finding by the Board with respect to the provisions of paragraph 5.2.1, it shall be entered provisionally in the Master Register with a special symbol in the Remarks Column indicating the provisional nature of that entry.

5.2.8 When the Board has received confirmation that the frequency assignment has been brought into use, the Board shall remove the symbol in the Master Register.

5.2.9 The date in Column 2c shall be the date of bringing into use notified by the administration concerned. It is given for information only.

5.3 Cancellation of entries in the Master Register

5.3.1 If an administration has not confirmed the bringing into use of a frequency assignment under 5.2.8, the Board will make inquiries of the administration not earlier than six months after the expiry of the period specified in 5.1.3. On receipt of the relevant information, the Board will either modify the date of coming into use or cancel the entry.

5.3.2 If the use of any recorded frequency assignment is permanently discontinued, the notifying administration shall so inform the Board within ninety days, whereupon the entry shall be removed from the Master Register.

Article 6

Coordination, Notification and Recording in the Master International Frequency Register of Frequency Assignments to Terrestrial Stations affecting Broadcasting-Satellite Frequency Assignments in the Bands 11.7-12.2 GHz (in Regions 2 and 3) and 11.7-12.5 GHz (in Region 1)^{1), 2)}

Section I. Coordination procedure to be applied

6.1.1 Before an administration notifies to the Board a frequency assignment to a terrestrial transmitting station, it shall initiate coordination with any other administration having a frequency assignment to a broadcasting-satellite station in conformity with the Plan if

- the necessary bandwidths of the two transmissions overlap; and
- the power flux density which would be produced by the proposed terrestrial transmitting station exceeds the value derived in accordance with Annex 3 at one or more points on the edge of the service area which is within the coverage area of the broadcasting-satellite station of that administration.

6.1.2 For the purpose of effecting coordination, the administration responsible for the terrestrial station shall send to the administrations concerned, by the fastest possible means, a copy of a diagram drawn to an appropriate scale indicating the location of the terrestrial station and all other data of the proposed frequency assign-

¹⁾ These procedures do not involve any dispensation from the procedures prescribed for terrestrial stations in Article 9 of the Radio Regulations where stations other than those of the broadcasting-satellite service are involved.

²⁾ The procedures for coordination, notification and recording of assignments to terrestrial stations affecting broadcasting-satellite stations in Region 2 are contained in Article 9 of the Radio Regulations, except that the need for the coordination referred to in No. 492A of the Radio Regulations shall be determined on the basis of Annex 3.

ment and the approximate date on which it is planned to bring the station into use.

6.1.3 An administration with which coordination is sought shall acknowledge receipt of the coordination data immediately by telegram. If no acknowledgement is received within fifteen days of dispatch, the administration seeking coordination may dispatch a telegram requesting acknowledgement of receipt of the coordination data, to which the receiving administration shall reply. Upon receipt of the coordination data an administration with which coordination is sought shall promptly examine the matter with regard to interference¹⁾ which would be caused to its frequency assignments in conformity with the Plan and shall, within an overall period of sixty days from dispatch of the coordination data, either notify the administration requesting coordination of its agreement to the proposals or, if this is not possible, indicate the reasons therefor and make such suggestions as it may be able to offer with a view to a satisfactory solution of the problem.

6.1.4 No coordination is required when an administration proposes to change the characteristics of an existing assignment in such a way as not to increase the level of interference to the service to be rendered by the broadcasting-satellite stations of other administrations, in conformity with the Plan.

6.1.5 An administration seeking coordination may request the Board to endeavour to effect coordination where:

- a) an administration with which coordination is sought fails to acknowledge receipt under paragraph 6.1.3 within thirty days of dispatch of the coordination data;
- b) an administration which has acknowledged receipt under paragraph 6.1.3 fails to give a decision within ninety days of dispatch of the coordination data;
- c) the administration seeking coordination and an administration with which coordination is sought disagree on the acceptable level of interference; or
- d) coordination between administrations is not possible for any other reason.

In so doing, it shall furnish the Board with the necessary information to enable it to endeavour to effect such coordination.

6.1.6 Either the administration seeking coordination or an administration with which coordination is sought, or the Board, may

¹⁾ The criteria to be employed in evaluating interference levels shall be based on the relevant CCIR Recommendations or, in the absence of such Recommendations, shall be agreed between the administrations concerned.

request any additional information which they may require to assess the level of interference to the services concerned.

6.1.7 Where the Board receives a request under paragraph 6.1.5 a), it shall forthwith send a telegram to the administration concerned requesting immediate acknowledgement.

6.1.8 Where the Board receives an acknowledgement following its action under paragraph 6.1.7 or where the Board receives a request under paragraph 6.1.5 b), it shall forthwith send a telegram to the administration concerned requesting an early decision in the matter.

6.1.9 Where the Board receives a request under paragraph 6.1.5 d), it shall endeavour to effect coordination in accordance with the provisions of paragraph 6.1.2. Where the Board receives no acknowledgement of its request for coordination within the period specified in paragraph 6.1.3, it shall act in accordance with paragraph 6.1.7.

6.1.10 Where an administration fails to reply within thirty days of dispatch of the Board's telegram sent under paragraph 6.1.7 requesting an acknowledgement or fails to give a decision on the matter within sixty days of dispatch of the Board's telegram of request sent under paragraph 6.1.8, the administration with which coordination was sought shall be considered to have undertaken that no complaint will be made in respect of any harmful interference which may be caused by the terrestrial station being coordinated to the service rendered or to be rendered by its satellite-broadcasting station.

6.1.11 Where necessary, as part of the procedure under paragraph 6.1.5, the Board shall assess the level of interference. In any case, the Board shall inform the administrations concerned of the results obtained.

6.1.12 In the event of continuing disagreement between one administration seeking to effect coordination and one with which coordination has been sought, the administrations concerned may explore the possibility of reaching an agreement on the use of the proposed frequency assignment for a specified period.

Section II. Notification procedure for frequency assignments

6.2.1 Any frequency assignment to a fixed, land or broadcasting station shall be notified to the International Frequency Registration Board if the use of the frequency concerned is capable of causing harmful interference to the service rendered or to be rendered by a broadcasting-satellite station of any other administration, or if it is desired to obtain international recognition of the use of the frequency ¹⁾.

¹⁾ The attention of administrations is specifically drawn to the provisions of Section I of this Article.

6.2.2 For this notification, an individual notice for each frequency assignment shall be drawn up as prescribed in Section A of Appendix 1 to the Radio Regulations, which specifies the basic characteristics to be furnished as required. It is recommended that the notifying administration should also supply the additional data called for in that Appendix, together with such further data as it may consider appropriate.

6.2.3 Whenever practicable, each notice should reach the Board before the date on which the assignment is brought into use. The notice made in accordance with paragraph 6.2.2 must reach the Board not earlier than three years and not later than ninety days before the date on which the assignment is to be brought into use.

6.2.4 Any frequency assignment, the notice of which reaches the Board less than ninety days before it is brought into use, shall, where it is to be recorded, bear a remark in the Master Register to indicate that it is not in conformity with paragraph 6.2.3.

Section III. Procedure for the examination of notices and the recording of frequency assignments in the Master Register

6.3.1 Whatever the means of communication, including telegraph, by which a notice is transmitted to the Board, it shall be considered complete if it contains at least the appropriate basic characteristics specified in Section A of Appendix 1 to the Radio Regulations.

6.3.2 Complete notices shall be considered by the Board in the order of their receipt.

6.3.3 Any notice which is incomplete shall be returned by the Board immediately, by airmail, to the notifying administration with the reasons therefor.

6.3.4 Upon receipt of a complete notice, the Board shall include the particulars thereof, with the date of receipt, in its weekly circular; this circular shall contain the particulars of all such notices received since publication of the previous circular.

6.3.5 The circular shall constitute the acknowledgement to the notifying administration of the receipt of a complete notice.

6.3.6 Complete notices shall be considered by the Board in the order specified in paragraph 6.3.2. The Board cannot postpone the formulation of a finding unless it lacks sufficient data to reach a decision; moreover, the Board shall not act upon any notice which has a technical bearing on an earlier notice still under consideration by the Board, until it has reached a finding with respect to such earlier notice.

6.3.7 The Board shall examine each notice:

6.3.8 a) with respect to its conformity with the Convention, the relevant provisions of the Radio Regulations and the provisions of the Final Acts (with the exception of those relating to the coordination procedure and the probability of harmful interference);

6.3.9 b) with respect to its conformity with the provisions of paragraph 6.1.1 relating to coordination of the use of the frequency assignment with the other administrations concerned;

6.3.10 c) where appropriate, with respect to the probability of harmful interference to a broadcasting-satellite station whose frequency assignment is in accordance with the Plan.

6.3.11 Depending upon the findings of the Board subsequent to the examination prescribed in paragraphs 6.3.8, 6.3.9 and 6.3.10, further action shall be as follows:

6.3.12 *Finding unfavourable with respect to paragraph 6.3.8*

6.3.13 Where the notice includes a specific reference to the fact that the station will be operated in accordance with the provisions of No. 115 of the Radio Regulations, it shall be examined immediately with respect to paragraphs 6.3.9 and 6.3.10.

6.3.14 If the finding is favourable with respect to paragraph 6.3.9 or 6.3.10, as appropriate, the assignment shall be recorded in the Master Register. The date of receipt by the Board of the notice shall be entered in Column 2d.

6.3.15 If the finding is unfavourable with respect to paragraph 6.3.9 or 6.3.10, as appropriate, the notice shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this finding. In those circumstances the notifying administration shall undertake not to bring into use the frequency assignment until the condition specified in paragraph 6.3.14 can be fulfilled. But the administrations concerned may explore the possibility of reaching an agreement on the use of the proposed frequency assignment for a specified period.

6.3.16 Where the notice does not include a specific reference to the fact that the station will be operated in accordance with the provisions of No. 115 of the Radio Regulations, it shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this finding and with such suggestions as the Board may be able to offer with a view to the satisfactory solution of the problem.

6.3.17 If the notifying administration resubmits the notice unchanged, it shall be treated in accordance with the provisions of paragraph 6.3.16.

6.3.18 If the notifying administration resubmits the notice with a specific reference to the fact that the station will be operated in accordance with the provisions of No. 115 of the Radio Regulations, it shall be treated in accordance with the provisions of paragraphs 6.3.13 and 6.3.14 or 6.3.15, as appropriate.

6.3.19 If the notifying administration resubmits the notice with modifications which, after re-examination, result in a favourable finding by the Board with respect to paragraph 6.3.8, the notice shall be treated under the provisions of paragraphs 6.3.20 to 6.3.32. However, in any subsequent recording of the assignment, the date of receipt by the Board of the resubmitted notice shall be entered in Column 2d.

6.3.20 *Finding favourable with respect to paragraph 6.3.8*

6.3.21 Where the Board finds that the coordination procedure mentioned in paragraph 6.3.9 has been successfully completed with all administrations whose broadcasting-satellite services may be affected, the assignment shall be recorded in the Master Register. The date of receipt by the Board of the notice shall be entered in Column 2d.

6.3.22 Where the Board finds that the coordination procedure mentioned in paragraph 6.3.9 has not been applied, and the notifying administration requests the Board to effect the required coordination, the Board shall take the appropriate action necessary and shall inform the administrations concerned of the results obtained. If the Board's efforts are successful, the notice shall be treated in accordance with paragraph 6.3.21. If the Board's efforts are unsuccessful, the notice shall be examined by the Board with respect to the provisions of paragraph 6.3.10.

6.3.23 Where the Board finds that the coordination procedure mentioned in paragraph 6.3.9 has not been applied and the notifying administration does not request the Board to effect the required coordination, the notice shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this action and with such suggestions as the Board may be able to offer with a view to the satisfactory solution of the problem.

6.3.24 Where the notifying administration resubmits the notice and the Board finds that the coordination procedure mentioned in paragraph 6.3.9 has been successfully completed with all administrations whose broadcasting-satellite services may be affected, the assignment shall be recorded in the Master Register. The date of receipt by the Board of the original notice shall be entered in Column 2d. The date of receipt by the Board of the resubmitted notice shall be entered in the Remarks Column.

6.3.25 Where the notifying administration resubmits the notice with

a request that the Board effect the required coordination, it shall be treated in accordance with the provisions of paragraph 6.3.22. However, in any subsequent recording of the assignment, the date of receipt by the Board of the resubmitted notice shall be entered in the Remarks Column.

6.3.26 Where the notifying administration resubmits the notice and states it has been unsuccessful in effecting the coordination, it shall be examined by the Board with respect to the provisions of paragraph 6.3.10. However, in any subsequent recording of the assignment, the date of receipt by the Board of the resubmitted notice shall be entered in the Remarks Column.

6.3.27 *Finding favourable with respect to paragraphs 6.3.8 and 6.3.10*

6.3.28 The assignment shall be recorded in the Master Register. The date of receipt by the Board of the notice shall be entered in Column 2d.

6.3.29 *Finding favourable with respect to paragraph 6.3.8 but unfavourable with respect to paragraph 6.3.10*

6.3.30 The notice shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this finding and with such suggestions as the Board may be able to offer with a view to the satisfactory solution of the problem.

6.3.31 Should the notifying administration resubmit the notice with modifications which result, after re-examination, in a favourable finding by the Board with respect to paragraph 6.3.10, the assignment shall be recorded in the Master Register. The date of receipt by the Board of the original notice shall be entered in Column 2d. The date of receipt by the Board of the resubmitted notice shall be indicated in the Remarks Column.

6.3.32 Should the notifying administration resubmit the notice, either unchanged or with modifications which decrease the probability of harmful interference but not sufficiently to permit the provisions of paragraph 6.3.31 to be applied and should that administration insist upon reconsideration of the notice but the Board's finding remain unchanged, the notification shall again be returned to the notifying administration in accordance with paragraph 6.3.30. In those circumstances, the notifying administration shall undertake not to bring into use the proposed frequency assignment until the condition specified in paragraph 6.3.31 can be fulfilled. But the administrations concerned may explore the possibility of reaching an agreement on the use of the frequency assignment for a specified period. In that event the Board shall be notified of the agreement and the frequency assignment shall be recorded in the Master Register with

a note indicating that the assignment is valid only for the specified period. The notifying administration using the frequency assignment during a specified period shall not subsequently use this circumstance to justify continued use of the frequency beyond the period specified if it does not obtain the agreement of the administration or the administrations concerned.

6.3.33 *Change in the basic characteristics of assignments already recorded in the Master Register*

6.3.34 A notice of a change in the basic characteristics of an assignment already recorded, as specified in Appendix I to the Radio Regulations (except those entered in Columns 3 and 4a of the Master Register), shall be examined by the Board in accordance with paragraphs 6.3.8 and 6.3.9 and, where appropriate, paragraph 6.3.10 and paragraphs 6.3.12 to 6.3.32 inclusive applied. Where the change should be recorded, the original assignment shall be amended according to the notice.

6.3.35 However, in the case of a change in the basic characteristics of an assignment which is in conformity with paragraph 6.3.8, should the Board reach a favourable finding with respect to paragraph 6.3.9 and, if applicable, paragraph 6.3.10, or find that the change does not increase the probability of harmful interference to assignments already recorded, the amended assignments shall retain the original date in Column 2d. In addition, the date of receipt by the Board of the notice relating to the change shall be entered in the Remarks Column.

6.3.36 In applying the provisions of this Section, any resubmitted notice which is received by the Board more than two years after the date of its return by the Board shall be considered as a new notice.

6.3.37 *Recording of frequency assignments notified before being brought into use*

6.3.38 If a frequency assignment notified in advance of bringing into use has received a favourable finding by the Board with respect to paragraphs 6.3.8 and 6.3.9, and, where appropriate, 6.3.10, it shall be entered provisionally in the Master Register with a special symbol in the Remarks Column indicating the provisional nature of that entry.

6.3.39 If, within the period of thirty days after the projected date of bringing into use, the Board receives confirmation from the notifying administration of the date of bringing into use, the special symbol shall be deleted from the Remarks Column. If, in the light of a request from the notifying administration received before the end of the thirty-day period, the Board finds that exceptional circumstances warrant an extension of this period, the extension shall in no case exceed one hundred and fifty days.

6.3.40 If use by a terrestrial station of an assignment which is not in conformity with the foregoing causes harmful interference to the reception of emissions from a space station in the broadcasting satellite service using an assignment in conformity with the Plan, the administration having jurisdiction over the terrestrial station shall, on being advised, take immediate measures to eliminate the interference.

Article 7

Preliminary Procedures, Notification and Recording in the Master International Frequency Register of Frequency Assignments to Stations in the Fixed-Satellite Service in the Frequency Band 11.7-12.2 GHz (in Region 2) when Frequency Assignments to Broadcasting-Satellite Stations in Accordance with the Plan are involved¹

Section I. Procedure for the advance publications of information on planned fixed-satellite systems

7.1.1 An administration which intends to establish a fixed-satellite system shall, prior to the procedure in accordance with paragraph 7.2.1 where applicable, send to the International Frequency Registration Board, not earlier than five years before the date of bringing into service each satellite network of the planned system, the information listed in Appendix 1 B to the Radio Regulations.

7.1.2 Any amendments to the information concerning a planned satellite system sent in accordance with paragraph 7.1.1 shall also be sent to the Board as soon as they become available.

7.1.3 The Board shall publish the information sent under paragraphs 7.1.1 and 7.1.2 in a special section of its weekly circular and shall also, when the weekly circular contains such information, so advise all administrations by circular telegram.

7.1.4 If, after studying the information published under paragraph 7.1.3, any administration is of the opinion that interference, which may be unacceptable, may be caused to its frequency assignments in conformity with the Plan, it shall within ninety days after the date of the weekly circular publishing the information listed in Appendix 1 B to the Radio Regulations, send its comments to the administration concerned. A copy of these comments shall also be sent to the Board. If no such comments are received from an administration

¹ These provisions do not replace the procedures prescribed in Article 9A of the Radio Regulations when stations other than those of the broadcasting-satellite service having frequency assignments in conformity with the Plan are involved.

within the period mentioned above, it may be assumed that that administration has no basic objections to the planned fixed-satellite network(s) of that system of which details have been published.

7.1.5 An administration receiving comments sent in accordance with paragraph 7.1.4 shall endeavour to resolve any difficulties that may arise without considering the possibility of adjustment to broadcasting-satellite stations of other administrations. If no such means can be found, the administration concerned is then free to apply to other administrations concerned in order to solve these difficulties, provided that any modifications which may result to the Plan are in accordance with Article 4.

7.1.6 In their attempts to resolve the difficulties mentioned above, administrations may seek the assistance of the Board.

7.1.7 In complying with the provisions of paragraphs 7.1.5 and 7.1.6 an administration responsible for a planned fixed-satellite system shall, if necessary, defer its commencement of the coordination procedure of paragraph 7.2.1 or, where this is not applicable, the sending of its notices to the Board until one hundred and fifty days after the date of the weekly circular containing the information listed in Appendix 1 B to the Radio Regulations on the relevant satellite network. However, in respect of those administrations with which difficulties have been resolved or which have responded favourably, the coordination procedure, where applicable, may be commenced prior to the expiry of the one hundred and fifty days mentioned above.

7.1.8 An administration, on behalf of which details of planned fixed-satellite networks in its system have been published in accordance with the provisions of paragraphs 7.1.1 to 7.1.3, shall periodically inform the Board whether or not comments have been received and of the progress made with other administrations in resolving any difficulties. The Board shall publish this information in a special section of its weekly circular and shall also, when the weekly circular contains such information, so inform all administrations by circular telegram.

Section II. Coordination procedures to be applied in appropriate cases

7.2.1 Before an administration notifies to the Board or brings into use any frequency assignment to a space station in the fixed-satellite service, it shall seek the agreement of any other administration having a frequency assignment in conformity with the Plan, if

- any portion of the necessary bandwidth proposed for the space station in the fixed-satellite service falls within the necessary bandwidth associated with the frequency assignment to the broadcasting-satellite station, and
- the power flux density which would be produced by the proposed fixed-satellite assignment exceeds the value specified in Annex 4.

For this purpose, the administration seeking agreement shall send to any other such administration the information listed in Appendix 1 A to the Radio Regulations.

7.2.2 No additional agreement is necessary when an administration proposes to change the characteristics of an existing assignment in such a way as will, in respect of the broadcasting-satellite service of another administration, meet the requirements of paragraph 7.2.1 above, or when this assignment has previously been the subject of an agreement and when the change will not cause any increase in the interference potential specified in that agreement.

7.2.3 An administration seeking coordination under paragraph 7.2.1 shall at the same time send to the Board a copy of the request for coordination together with the information listed in Appendix 1 A to the Radio Regulations and the name(s) of the administration(s) whose agreement is sought. The Board shall determine on the basis of Annex 4 which frequency assignments in conformity with the Plan are considered to be affected. The Board shall include the names of those administrations with the information received from the administration seeking coordination and shall publish this information in a special section of its weekly circular, together with a reference to the weekly circular in which details of the satellite system were published in accordance with Section I of this Article. When the weekly circular contains such information, the Board shall so inform all administrations by circular telegram.

7.2.4 An administration believing that it should have been included in the procedure under paragraph 7.2.1 shall have the right to request that it be brought into the procedure.

7.2.5 An administration whose agreement is sought under paragraph 7.2.1 shall acknowledge receipt of the coordination data immediately by telegram. If no acknowledgement is received within thirty days after the date of the weekly circular publishing the information under paragraph 7.2.3, the administration seeking coordination shall dispatch a telegram requesting acknowledgement, to which the receiving administration shall reply within a further period of thirty days. Upon receipt of the coordination data, an administration shall, having regard to the proposed date of bringing into use of the assignment for which agreement was requested, promptly examine the matter with regard to interference¹⁾ which would be caused to the service rendered by its stations in respect of which agreement is sought under paragraph 7.2.1, and shall, within ninety days from the date of the

¹⁾ The criteria to be employed in evaluating interference levels shall be based upon the technical information contained in the Final Acts or upon relevant CCIR Recommendations and shall be agreed between the administrations concerned.

relevant weekly circular, notify its agreement to the requesting administration. If the administration with which coordination is sought does not agree, it shall, within the same period, send to the administration seeking coordination the technical details upon which its disagreement is based, and make such suggestions as it may be able to offer with a view to a satisfactory solution of the problem. A copy of these comments shall also be sent to the Board.

7.2.6 An administration seeking coordination may request the Board to endeavour to effect coordination in those cases where:

a) an administration whose agreement is sought under paragraph 7.2.1 fails to acknowledge receipt, under paragraph 7.2.5, within sixty days after the date of the weekly circular publishing the information relating to the request for coordination;

b) an administration has acknowledged receipt under paragraph 7.2.5, but fails to give a decision within ninety days from the date of the relevant weekly circular;

c) there is disagreement between the administration seeking coordination and an administration whose agreement is sought as to the acceptable level of interference;

d) agreement between administrations is not possible for any other reason.

In so doing, it shall furnish the Board with the necessary information to enable it to endeavour to effect such coordination.

7.2.7 Either the administration seeking coordination or an administration whose agreement is sought, or the Board, may request additional information which they may require to assess the level of interference to the services concerned.

7.2.8 Where the Board receives a request under paragraph 7.2.6 a), it shall forthwith send a telegram to the administration whose agreement is sought requesting immediate acknowledgement.

7.2.9 Where the Board receives an acknowledgement following its action under paragraph 7.2.8, or where the Board receives a request under paragraph 7.2.6 b), it shall forthwith send a telegram to the administration whose agreement is sought requesting an early decision in the matter.

7.2.10 Where the Board receives a request under paragraph 7.2.6 d), it shall endeavour to effect coordination in accordance with the provisions of paragraph 7.2.1. The Board shall also, where appropriate, act in accordance with paragraph 7.2.3. Where the Board receives no acknowledgement to its request for coordination within the periods specified in paragraph 7.2.5, it shall act in accordance with paragraph 7.2.8.

7.2.11 Where an administration fails to reply within thirty days of

dispatch of the Board's telegram requesting an acknowledgement sent under paragraph 7.2.8, or fails to give a decision in the matter within thirty days of dispatch of the Board's telegram of request under paragraph 7.2.9, it shall be deemed that the administration whose agreement was sought has undertaken:

a) that no complaint will be made in respect of any harmful interference which may be caused to the services rendered by its broadcasting satellite stations by the use of the assignment for which coordination was requested;

b) that its broadcasting-satellite stations will not cause harmful interference to the use of the assignment for which coordination was requested.

7.2.12 Where necessary, as part of the procedure under paragraph 7.2.6. the Board shall assess the level of interference. In any case, the Board shall inform the administrations concerned of the results obtained.

7.2.13 In the event of continuing disagreement between one administration seeking to effect coordinaton and one whose agreement has been sought, provided that the assistance of the Board has been requested, the administration seeking coordination may, after one hundred and fifty days from the date of the request for coordination, taking into consideration the provisions of paragraph 7.3.4, send its notice concerning the proposed assignment to the Board. In those circumstances the notifying administration shall undertake not to bring the frequency assignment into use until the condition in paragraph 7.4.11.2 can be fulfilled. But the administrations concerned may explore the possibility of reaching an agreement on the use of the proposed frequency assignment for a specified period.

Section III. Notification of frequency assignments

7.3.1 Any frequency assignment to a space station in the fixed satellite service shall be notified to the Board:

a) if the use of the frequency concerned is capable of causing harmful interference to a frequency assignment of another administration which is in accordance with the Plan ¹⁾;

b) if it is desired to obtain international recognition of the use of the frequency.

7.3.2 Similar notice shall be given for any frequency to be used for reception by an Earth station where one or more of the conditions specified in paragraph 7.3.1 are applicable.

¹⁾ The attention of administrations is specifically drawn to the application of paragraph 7.2.1 above.

7.3.3 For any notification under paragraph 7.3.1 or 7.3.2, an individual notice for each frequency assignment shall be drawn up as prescribed in Appendix 1A to the Radio Regulations, the various Sections of which specify the basic characteristics to be furnished according to the case. The notifying administration shall furnish such further data as it considers appropriate.

7.3.4 Each notice must reach the Board not earlier than three years before the date on which the assignment is to be brought into use. The notice must reach the Board in any case not later than ninety days ¹⁾ before this date.

7.3.5 Any frequency assignment to an Earth or space station, the notice of which reaches the Board after the applicable period specified in paragraph 7.3.4, shall, where it is to be recorded, bear a mark in the Master Register to indicate that it is not in conformity with paragraph 7.3.4.

Section IV. Procedure for the examination of notices and the recording of frequency assignments in the Master Register

7.4.1 Any notice which does not contain at least those basic characteristics specified in Appendix 1A to the Radio Regulations shall be returned by the Board immediately, by airmail, to the notifying administration with the reasons therefor.

7.4.2 Upon receipt of a complete notice, the Board shall include the particulars thereof, with the date of receipt, in its weekly circular which shall contain the particulars of all such notices received since the publication of the previous circular.

7.4.3 The circular shall constitute the acknowledgement to the notifying administration of the receipt of a complete notice.

7.4.4 Complete notices shall be considered by the Board in the order of their receipt. The Board shall not postpone the formulation of a finding unless it lacks sufficient data to render a decision in connection therewith; moreover, the Board shall not act upon any notice which has a technical bearing on an earlier notice still under consideration by the Board, until it has reached a finding with respect to such earlier notice.

7.4.5 The Board shall examine each notice:

7.4.5.1 with respect to its conformity with the Convention, the relevant provisions of the Radio Regulations and the provisions of the Final Acts (with the exception of those relating to the coordination procedures and the probability of harmful interference);

¹⁾ The notifying administration shall take this limit into account when deciding, where appropriate, to initiate the coordination procedure(s).

7.4.5.2 where appropriate, with respect to its conformity with the provisions of paragraph 7.2.1, relating to the coordination of the use of the frequency assignment with the other administrations concerned having a frequency assignment in conformity with the Plan;

7.4.5.3 where appropriate, with respect to the probability of harmful interference to the service rendered or to be rendered by a broadcasting-satellite station whose frequency assignment is in conformity with the Plan.

7.4.6 Depending upon the findings of the Board subsequent to the examination prescribed in paragraphs 7.4.5.1, 7.4.5.2 and 7.4.5.3, as appropriate, further action shall be as follows:

7.4.7 *Finding favourable with respect to paragraph 7.4.5.1 in cases where the provisions of paragraph 7.4.5.2 are not applicable*

7.4.7.1 The assignment shall be recorded in the Master Register. The date of receipt by the Board of the notice shall be entered in Column 2d.

7.4.8 *Finding unfavourable with respect to paragraph 7.4.5.1*

7.4.8.1 Where the notice includes a specific reference to the fact that the station will be operated in accordance with the provisions of No. 115 of the Radio Regulations and the finding is favourable with respect to paragraphs 7.4.5.2 and 7.4.5.3, as appropriate, the assignment shall be recorded in the Master Register. The date of receipt by the Board of the notice shall be entered in Column 2d.

7.4.8.2 Where the notice includes a specific reference to the fact that the station will be operated in accordance with the provisions of No. 115 of the Radio Regulations and the finding is unfavourable with respect to paragraph 7.4.5.2 or 7.4.5.3, as appropriate, the notice shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this finding. In those circumstances the notifying administration shall undertake not to bring into use the frequency assignment until the condition in paragraph 7.4.8.1 can be fulfilled. The agreement of the administrations affected can also be obtained in accordance with this Article for a specified period. In that event the Board shall be notified of the agreement and the frequency assignment shall be recorded in the Master Register with a note indicating that the frequency assignment is valid only for the period specified. The notifying administration using the frequency assignment over a specified period shall not subsequently use this circumstance to justify continued use of the frequency beyond the period specified if it does not obtain the agreement of the administration(s) concerned. The date of receipt by the Board of the original notice shall be entered in Column 2d.

7.4.8.3 Where the notice does not include a specific reference to the fact that the station will be operated in accordance with the

provisions of No. 115 of the Radio Regulations, it shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this finding and with such suggestions as the Board may be able to offer with a view to the satisfactory solution of the problem.

7.4.8.4 If the notifying administration resubmits the notice unchanged, it shall be treated in accordance with the provisions of paragraph 7.4.8.3. If it is resubmitted with a specific reference to the fact that the station will be operated in accordance with the provisions of No. 115 of the Radio Regulations, it shall be treated in accordance with the provisions of paragraph 7.4.8.1 or 7.4.8.2, as appropriate. If it is resubmitted with modifications which, after re-examination, result in a favourable finding by the Board with respect to paragraph 7.4.5.1, it shall be treated as a new notice.

7.4.9 *Finding favourable with respect to paragraph 7.4.5.1 in cases where the provisions of paragraph 7.4.5.2 are applicable*

7.4.9.1 Where the Board finds that the coordination procedures mentioned in paragraph 7.4.5.2 have been successfully completed with all administrations whose frequency assignments in accordance with the Plan may be affected, the frequency assignment shall be recorded in the Master Register. The date of receipt by the Board of the notice shall be entered in Column 2d.

7.4.9.2 Where the Board finds that the coordination procedure mentioned in paragraph 7.4.5.2 has not been applied, and the notifying administration requests the Board to effect the required coordination, the Board shall take appropriate action and shall inform the administrations concerned of the results obtained. If the Board's efforts are successful, the notice shall be treated in accordance with paragraph 7.4.9.1. If the Board's efforts are unsuccessful, the notice shall be examined by the Board with respect to the provisions of paragraph 7.4.5.3.

7.4.9.3 Where the Board finds that the coordination procedure mentioned in paragraph 7.4.5.2 has not been applied, and the notifying administration does not request the Board to effect the required coordination, the notice shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this action and with such suggestions as the Board may be able to offer with a view to the satisfactory solution of the problem.

7.4.9.4 Where the notifying administration resubmits the notice and the Board finds that the coordination procedure mentioned in paragraph 7.4.5.2 has been successfully completed with all administrations whose frequency assignments in conformity with the Plan may be affected, the frequency assignment shall be recorded in the Master Register. The date of receipt by the Board of the original notice

shall be entered in Column 2d. The date of receipt by the Board of the resubmitted notice shall be entered in the Remarks Column.

7.4.9.5 Where the notifying administration resubmits the notice with a request that the Board effect the required coordination under paragraph 7.2.1, it shall be treated in accordance with the provisions of paragraph 7.4.9.2. However, in any subsequent recording of the assignment, the date of receipt by the Board of the resubmitted notice shall be entered in the Remarks Column.

7.4.9.6 Where the notifying administration resubmits the notice and states it has been unsuccessful in effecting the coordination, the Board shall inform the administrations concerned thereof. The notice shall be examined by the Board with respect to the provisions of paragraph 7.4.5.3. However, in any subsequent recording of the assignment, the date of receipt by the Board of the resubmitted notice shall be entered in the Remarks Column.

7.4.10 *Finding favourable with respect to paragraphs 7.4.5.1 and 7.4.5.3*

7.4.10.1 The assignment shall be recorded in the Master Register. The date of receipt by the Board of the notice shall be entered in Column 2d.

7.4.11 *Finding favourable with respect to paragraph 7.4.5.1, but unfavourable with respect to paragraph 7.4.5.3*

7.4.11.1 The notice shall be returned immediately by airmail to the notifying administration with the reasons of the Board for this finding and with such suggestions as the Board may be able to offer with a view to the satisfactory solution of the problem.

7.4.11.2 Should the notifying administration resubmit the notice with modifications which result, after re-examination, in a favourable finding by the Board with respect to paragraph 7.4.5.3, the assignment shall be recorded in the Master Register. The date of receipt by the Board of the original notice shall be entered in Column 2d. The date of receipt by the Board of the resubmitted notice shall be indicated in the Remarks Column.

7.4.11.3 Should the notifying administration resubmit the notice, either unchanged, or with modifications which decrease the probability of harmful interference, but not sufficiently to permit the provisions of paragraph 7.4.11.2 to be applied, and should that administration insist upon reconsideration of the notice, but should the Board's finding remain unchanged, the notification shall again be returned to the notifying administration in accordance with paragraph 7.4.11.1. In those circumstances, the notifying administration shall undertake not to bring into use the proposed frequency assignment until the condition in paragraph 7.4.11.2 can be fulfilled. The agree-

ment of the administration affected can also be obtained in accordance with this Article for a specified period. In that event the Board shall be notified of the agreement and the frequency assignment shall be recorded in the Master Register with a note in the Remarks Column indicating that the assignment is valid only for the specified period. The notifying administration using the frequency assignment over a specified period shall not subsequently use this circumstance to justify continued use of the frequency beyond the period specified if it does not obtain the agreement of the administration(s) concerned. The date of receipt by the Board of the original notice shall be entered in Column 2d.

7.4.12 Change in the basic characteristics of assignments already recorded in the Master Register

7.4.12.1 A notice of a change in the basic characteristics of an assignment in the fixed-satellite service already recorded, as specified in Appendix 1A to the Radio Regulations (except the name of the station or the name of the locality in which it is situated), shall be examined by the Board according to paragraph 7.4.5.1 and, where appropriate, paragraphs 7.4.5.2 and 7.4.5.3, and the provisions of paragraphs 7.4.7 to 7.4.11.3 inclusive shall apply. Where the change should be recorded, the original assignment shall be amended accordingly.

7.4.12.2 However, in the case of a change in the characteristics of an assignment which is in conformity with paragraph 7.4.5.1, should the Board reach a favourable finding with respect to paragraphs 7.4.5.2 and 7.4.5.3, where appropriate, or find that the changes do not increase the probability of harmful interference to frequency assignments in accordance with the Plan, the amended assignment shall retain the original date in Column 2d. The date of receipt by the Board of the notice relating to the change shall be entered in the Remarks Column.

7.4.12.3 In applying the provisions of this section, any resubmitted notice which is received by the Board more than two years after the date of its return by the Board, shall be considered as a new notice.

7.4.13 Recording of frequency assignments in the fixed-satellite service notified before being brought into use

7.4.13.1 If a frequency assignment notified in advance of bringing into use has received a favourable finding by the Board with respect to paragraph 7.4.5.1 and, where appropriate, paragraphs 7.4.5.2 and 7.4.5.3, it shall be entered provisionally in the Master Register with a special symbol in the Remarks Column indicating the provisional nature of that entry.

7.4.13.2 If, within thirty days after the projected date of bringing into use, the Board receives confirmation from the notifying ad-

ministration of the date of putting into use, the special symbol shall be deleted from the Remarks Column. In the case where the Board, in the light of a request from the notifying administration received before the end of the thirty-day period, finds that exceptional circumstances warrant an extension of this period, the extension shall in no case exceed one hundred and fifty days.

7.4.13.3 If the Board does not receive this confirmation within the period referred to in paragraph 7.4.13.2, the entry concerned shall be cancelled. The Board shall advise the administration concerned before taking such action.

Section V. Recording of findings in the Master Register

7.5 In any case where a frequency assignment is recorded in the Master Register, the finding reached by the Board shall be indicated by a symbol in Column 13a. In addition, a remark indicating the reasons for any unfavourable finding shall be inserted in the Remarks Column.

Section VI. Categories of frequency assignments

7.6.1 The date in Column 2c shall be the date of putting into use notified by the administration concerned. It is given for information only.

7.6.2 If harmful interference is actually caused to the reception of any broadcasting-satellite station whose frequency assignment is in accordance with the Plan, by the use of a frequency assignment to a space radiocommunication station subsequently recorded in the Master Register in accordance with the provisions of paragraph 7.4.11.3, the station using the latter frequency assignment must, upon receipt of advice thereof, immediately eliminate this harmful interference.

7.6.3 If harmful interference to the reception of any broadcasting-satellite station whose frequency assignment is in accordance with the Plan, is actually caused by the use of a frequency assignment which is not in conformity with paragraph 7.4.5.1, the station using the latter frequency assignment must, upon receipt of advice thereof, immediately eliminate this harmful interference.

Section VII. Review of findings

7.7.1 The review of a finding by the Board may be undertaken:

- at the request of the notifying administration;
- at the request of any other administration interested in the question, but only on the grounds of actual harmful interference;
- on the initiative of the Board itself when it considers this is justified.

7.7.2 The Board, in the light of all the data at its disposal shall review the matter, taking into account paragraph 7.4.5.1 and, where appropriate, paragraphs 7.4.5.2 and 7.4.5.3, and shall render an appropriate finding, informing the notifying administration prior either to the promulgation of its finding or to any recording action.

7.7.3 If the finding of the Board is then favourable it shall enter in the Master Register the changes that are required so that the entry shall appear in the future as if the original finding had been favourable.

7.7.4 If the finding with regard to the probability of harmful interference remains unfavourable, no change shall be made in the original entry.

Section VIII. Modification, cancellation and review of entries in the Master Register

7.8.1 Where the use of a recorded assignment to a station in the fixed-satellite service is suspended for a period of eighteen months, the notifying administration shall, within this eighteen-month period, inform the Board of the date on which such use was suspended and of the date on which the assignment is to be brought back into regular use.

7.8.2 Whenever it appears to the Board, whether or not as a result of action under paragraph 7.8.1, that a recorded assignment to a space station in the fixed-satellite service has not been in regular use for more than eighteen months, the Board shall inquire of the notifying administration as to when the assignment is to be brought back into regular use.

7.8.3 If no reply is received within six months of action by the Board under paragraph 7.8.2, or if the reply does not confirm that the assignment to a space station in the fixed-satellite service is to be brought back into regular use within this six-month limit, a symbol should be entered against the entry in the Master Register.

7.8.4 In case of permanent discontinuance of the use of any recorded frequency assignment, the notifying administration shall inform the Board within ninety days of such discontinuance, whereupon the entry shall be removed from the Master Register.

7.8.5 Whenever it appears to the Board from the information available that a recorded assignment has not been brought into regular operation in accordance with the notified basic characteristics, or is not being used in accordance with those basic characteristics, the Board shall consult the notifying administration and, subject to its agreement, shall either cancel or suitably modify the entry.

7.8.6. If, in connection with an inquiry by the Board under paragraph 7.8.5 the notifying administration has failed to supply the Board within forty-five days with the necessary or pertinent information, the Board shall make suitable entries in the Remarks Column of the Master Register to indicate the situation.

Article 8

Miscellaneous Provisions relating to the Procedures

8.1 If it is requested by any administration, and if the circumstances appear to warrant, the Board, using such means at its disposal as are appropriate in the circumstances, shall conduct a study of cases of alleged contravention or non-observance of these provisions or of harmful interference.

8.2 The Board shall thereupon prepare and forward to the administration concerned a report containing its findings and recommendations for the solution of the problem.

8.3 In a case where, as a result of a study, the Board submits to one or more administrations suggestions or recommendations for the solution of a problem, and where no answer has been received from one or more of these administrations within a period of ninety days, the Board shall consider that the suggestions or recommendations concerned are unacceptable to the administrations which did not answer. If it was the requesting administration which failed to answer within this period, the Board shall close the study.

8.4 If it is requested by any administration, particularly by an administration of a country in need of special assistance, and if the circumstances appear to warrant, the Board, using such means at its disposal as are appropriate in the circumstances, shall render the following assistance:

- a) computation necessary in the application of Annexes 1, 3 and 4;
- b) any other assistance of a technical nature for completion of the procedures in these Final Acts.

Article 9

Power Flux Density Limits between 11.7 and 12.2 GHz to protect Terrestrial Services in Regions 1 and 3 from Interference from Region 2 Broadcasting-Satellite Space Stations

9.1 The power flux density at the Earth's surface in Regions 1 and 3, produced by emissions from a space station in the broadcasting-satellite service in Region 2 for all conditions and for all methods of modulation shall not exceed the values given in Annex 5 on the territory of any country unless the administration of that country so agrees.

Article 10

*Power Flux Density Limits between 11.7 and 12.2 GHz
to protect Space Services in Region 2 from Interference from
Broadcasting-Satellite Space Stations of Regions 1 and 3*

10.1 Broadcasting-satellite space stations of Regions 1 and 3 shall employ transmitting antennae whose side-lobe characteristics fall within the reference antenna pattern given in Figure 6 of Annex 8. Therefore, the power flux density falling on the territory of any administration of Region 2 in the band 11.7-12.2 GHz prior to any modifications to the Plan shall not exceed, under all conditions and methods of modulation, the values produced by broadcasting-satellite stations operating in accordance with the Plan on the date of its entry into force and using the technical characteristics specified in the Plan. The power flux density values shall be calculated using the method described in Annex 11.

10.2 In particular, the power flux densities at a reference test point (longitude 35°W, latitude 8°S) prior to any modifications to the Plan shall not exceed the values shown in Annex 11.

De tekst van het bij de Slotakten behorende plan is niet afgedrukt. Het plan is nedergelegd bij de Centrale Directie der PTT.

Article 12

*Provisions governing the Broadcasting-Satellite Service in Region 2
pending the Establishment of a detailed Plan*

12.1 In accordance with the principles set forth in Annex 6, the following interim provisions shall apply pending the establishment of a detailed plan for the broadcasting-satellite service for Region 2 in the frequency band 11.7-12.2 GHz under the terms of paragraphs 12.9-12.12 below.

12.2 Space stations in the broadcasting-satellite service shall be located in the following portions of the orbit:

- 75°W to 100°W longitude (however, for service to Canada, the USA and Mexico, the relevant portion shall be only between 75°W and 95° W longitude);
- 140°W to 170°W longitude.

12.2.1 Space stations in the broadcasting-satellite service may also be located in the remaining portions of the orbit, in which case they

shall be operated in accordance with the provisions of No. 139, of the Radio Regulations. As an exception, it is accepted that, for Greenland, a position in the geostationary satellite orbit between 55°W and 60°W may be used for the broadcasting-satellite service as a primary service. The administrations concerned should make every effort to allow for the sharing of this portion of the orbital arc by a broadcasting satellite for Greenland and space stations in the fixed-satellite service of other administrations in Region 2.

12.3 Space stations in the fixed-satellite service shall be located in portions of the orbit other than those referred to in paragraph 12.2 above. Such space stations may also be located in the portions of the orbit referred to in paragraph 12.2 above; they shall then be operated in accordance with the provisions of No. 139 of the Radio Regulations.

12.3.1 Space stations in the broadcasting-satellite service located in the portions of the orbit referred to in paragraph 12.2 and space stations in the fixed-satellite service located in the remaining portions of the orbit shall be operated in such a way that no unacceptable interference is caused by stations of one service to stations of other services. The level of unacceptable interference shall be determined by agreement between the administrations concerned, taking the latest CCIR Recommendations and Annexes 8 and 9 of the Final Acts as a guide. Notwithstanding the above, broadcasting-satellite space stations may be located up to the edge of the portion of the orbit referred to in paragraph 12.2, provided that such stations are operated in accordance with the relevant technical characteristics for Region 2 outlined in Annex 8.

12.4 Prior to the regional administrative radio conference, referred to in paragraph 12.9 below, systems in the broadcasting-satellite service shall be regarded as experimental and shall be operated in accordance with the sharing criteria and technical characteristics contained in Annexes 8 and 9.

12.5 Administrations may implement systems which utilize values for the technical characteristics different from the values in Annex 8 of the Final Acts, provided that such action does not result in interference to operational or planned systems of other administrations in excess of that determined in accordance with Annex 9.

12.6 Systems in the fixed-satellite service shall be introduced in accordance with the relevant provisions of the Radio Regulations, particularly with those of Article 9A and, where appropriate, with the provisions of Article 7 of these Final Acts.

12.7 Space systems in the frequency band 11.7-12.2 GHz shall use, to the maximum extent technically and economically practicable,

available techniques in order to make the most efficient use of the geostationary orbit and the frequency spectrum. Examples of such techniques are described in Annex 7.

12.8 The provisions of Resolution No. Spa2 - 3 shall continue to apply to the broadcasting satellite service in the frequency band 11.7-12.2 GHz in Region 2 until such time as a detailed plan may be adopted for the broadcasting-satellite service.

12.9 A regional administrative radio conference is to be held not later than 1982 for the purpose of carrying out detailed planning for the broadcasting-satellite and fixed-satellite services, in accordance with the following terms.

12.9.1 The said regional administrative radio conference shall draw up a detailed plan for the orbit/spectrum resource available for the broadcasting-satellite service in the 11.7-12.2 GHz band. The plan shall provide for the detailed assignment of the orbital positions and frequency channels available, ensuring that the broadcasting-satellite service requirements submitted by the various administrations are met in an equitable manner satisfactory to all the countries concerned. It should be laid down as a matter of principle that each administration in the Region should be guaranteed a minimum number of channels (4) for the operation of the broadcasting-satellite service. Above this minimum, the special characteristics of the countries (size, time zones, language differences, etc.) shall be taken into account.

12.9.2 Planning shall be based on individual reception, but each administration may use the reception system which best meets its requirements, namely, individual or community reception, or both. Account shall also be taken of the decisions of the 1977 and 1979 World Administrative Radio Conferences and of the latest CCIR Recommendations in the case of parameters covered by its studies and research.

12.9.3 When planning the broadcasting-satellite service, it shall be borne in mind that systems should be designed with a view to reducing to a minimum technical differences and incompatibilities with the systems of other Regions.

12.9.4 The conference shall also take into account the need to make equitable provision for the requirements of the fixed-satellite service to which this frequency band is also allocated in Region 2.

12.10 All administrations in Region 2 shall submit their broadcasting-satellite service requirements to the IFRB not later than one year before the start of the regional administrative radio conference responsible for planning this service in Region 2. Each administration may update these requirements as it considers necessary. "Requirements" are understood to include the number and boundaries of

service areas and the number of channels requested for each of them. Six months before the deadline for submitting requirements, the IFRB shall remind administrations of the need to submit them by means of a circular-letter and/or telegram.

12.11 No systems existing or planned prior to the implementation of any detailed plan such as that referred to above shall cause interference to any systems operating in accordance with such a plan.

12.12 Existing or previously planned broadcasting-satellite systems will not necessarily be taken into account in the establishment of the detailed plan for the broadcasting-satellite service in the 11.7-12.2 GHz band in Region 2. Consequently, the installation or planning of such systems by an administration prior to the establishment of the said plan shall not confer upon that system any rights or recognition.

Article 13

Approval of the Final Acts

13.1 Members shall notify their approval of these Final Acts, as promptly as possible, to the Secretary-General, who shall at once inform the other Members of the Union. The act of approval shall constitute the agreement of Members to comply with the decisions jointly reached at the World Broadcasting Satellite Administrative Radio Conference, Geneva, 1977.

13.2 These Final Acts shall be regarded as including a world agreement and associated Plan for Regions 1 and 3 in accordance with *resolves* 1 of Resolution No. Spa2 - 2 of the World Administrative Radio Conference for Space Telecommunications, Geneva, 1971, which requires the stations in the broadcasting-satellite service to be established and operated in accordance with such agreements and associated plans.

Article 14

Interference

14.1 The Members of the Union shall endeavour to agree on the action required to reduce harmful interference which might be caused by the application of these provisions and the associated Plan.

Article 15

Entry into Force of the Final Acts

15.1 These Final Acts shall enter into force on 1 January 1979 at 0001 hours GMT.

Article 16

Period of Validity of the Provisions and Associated Plan

16.1 The provisions and associated Plan have been prepared in order to meet the requirements of the broadcasting-satellite service in the bands concerned for a period of at least fifteen years from the date of the entry into force of these Final Acts.

16.2 In any event, the provisions and associated Plan shall remain in force until their revision by a competent administrative radio conference convened in accordance with the relevant provisions of the Convention in force.

RESOLUTION No. Sat - 3**Relating to the period between the entry into force of the Final Acts of the Conference and the date on which the provisions and associated Plan are annexed to the Radio Regulations**

The World Broadcasting-Satellite Administrative Radio Conference, Geneva, 1977,

considering

- a) that its Final Acts will come into force on 1 January 1979;
- b) that, in its Resolution No. Sat - 4, it has requested the 1979 World Administrative Radio Conference to annex to the Radio Regulations the provisions and associated Plan established by the Conference;
- c) that there will be an interim period between the date of entry into force of these Final Acts and the date on which the provisions and associated Plan are annexed to the Radio Regulations;

further considering

that these Final Acts are regarded as including a World Agreement and associated Plan in accordance with Resolution No. Spa2 - 2 of the World Administrative Radio Conference for Space Telecommunications, Geneva, 1971;

resolves

1. that both during this interim period and after the date on which they have been annexed to the Radio Regulations, the provisions and the associated Plan shall retain their integrity as a legal instrument;
2. that during this period the IFRB and the other appropriate organs of the Union shall be guided by the provisions of these Final Acts and the Radio Regulations.

RESOLUTION No. Sat - 4**Relating to the annexing to the Radio Regulations of the provisions and associated Plan contained in the Final Acts of the Conference**

The World Broadcasting-Satellite Administrative Radio Conference, Geneva, 1977,

noting

a) that the World Administrative Radio Conference for Space Telecommunications, Geneva, 1971, adopted Resolution No. Spa2 - 2 envisaging that stations in the broadcasting-satellite service shall be established and operated in accordance with agreements and associated plans adopted by world or regional administrative radio conferences;

b) that the present Conference has adopted provisions for all Regions and an associated Plan for Regions 1 and 3;

considering

the wish expressed by the Conference to annex the provisions and associated Plan to the Radio Regulations;

resolves

that the 1979 World Administrative Radio Conference be requested to annex the provisions and associated Plan to the Radio Regulations as an integral part thereof, in the form and to the extent it deems most appropriate without thereby affecting their content or integrity;

requests

the Administrative Council to include the request referred to in the above paragraph in the agenda of the 1979 World Administrative Radio Conference.

Uitgegeven de *achtentwintigste* december 1978.

De Minister van Buitenlandse Zaken,
C. A. VAN DER KLAUW.



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