

67 (1979) Nr. 12

TRACTATENBLAD

VAN HET

KONINKRIJK DER NEDERLANDEN

JAARGANG 1995 Nr. 218

A. TITEL

*Radioreglement 1979, met Bijlagen;
Genève, 6 december 1979*

B. TEKST

De Engelse tekst van het Reglement, cum annexis, is geplaatst in *Trb.* 1981, 78. Zie ook rubriek J van *Trb.* 1984, 9, van *Trb.* 1988, 97 en 146, van *Trb.* 1989, 93 en van *Trb.* 1990, 132 en rubriek J hieronder.

D. PARLEMENT

Zie *Trb.* 1981, 78, *Trb.* 1982, 137, *Trb.* 1987, 125, *Trb.* 1988, 26, 97 en 146, *Trb.* 1989, 93, *Trb.* 1990, 132 en *Trb.* 1992, 176.

De in rubriek J hieronder afgedrukte Slotakten van 3 maart 1992 behoeften niet de goedkeuring van de Staten-Generaal ingevolge additioneel artikel XXI, eerste lid, onderdeel b, van de Grondwet, juncto artikel 62, eerste lid, onderdeel b, van de Grondwet naar de tekst van 1972.

E. BEKRACHTIGING

Zie *Trb.* 1982, 137, *Trb.* 1984, 9 en 121, *Trb.* 1987, 125, *Trb.* 1988, 26 en *Trb.* 1990, 132.

G. INWERKINGTREDING

Zie *Trb.* 1981, 78.

J. GEGEVENS

Zie *Trb.* 1981, 78, *Trb.* 1982, 137, *Trb.* 1984, 9 en 121, *Trb.* 1987, 125, *Trb.* 1988, 26, 97 en 146, *Trb.* 1989, 93, *Trb.* 1990, 132 en *Trb.* 1992, 176.

MOB-83

Behalve de in *Trb.* 1984, 121, *Trb.* 1987, 125, *Trb.* 1988, 26, *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde Staten heeft nog de volgende Staat een akte van bekrachtiging van de gedeeltelijke herziening (MOB-83) van 18 maart 1983 van het Radioreglement nedergelegd bij de Secretaris-Generaal van de Internationale Telecommunicatie-Unie:

de Verenigde Staten van Amerika 7 april 1993

Regionaal Administratief Akkoord inzake het gebruik van de 87,5-108 MHz Band voor FM-radio-omroep (1984)

Behalve de in *Trb.* 1987, 125, *Trb.* 1988, 26 en 97, *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde hebben nog de volgende Staten de Secretaris-Generaal van de Internationale Telecommunicatie-Unie in kennis gesteld van de goedkeuring van c.q. de toetreding tot het Akkoord van 7 december 1984:

Kroatië 15 februari 1993
De Voormalige Joegoslavische Republiek
Macedonië 12 mei 1993

Regionale Overeenkomst inzake maritieme radiobakens 1985

Behalve de in *Trb.* 1989, 93, *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde hebben nog de volgende Staten de Secretaris-Generaal van de Internationale Telecommunicatie-Unie in kennis gesteld van de goedkeuring van c.q. de toetreding tot de Overeenkomst van 13 maart 1985:

Litouwen 16 oktober 1992
Kroatië 15 februari 1993

Regionale Overeenkomst inzake maritieme mobiele dienst enz. in regio 1 (1985)

Behalve de in *Trb.* 1989, 93, *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde hebben nog de volgende Staten de Secretaris-Generaal van de Internationale Telecommunicatie-Unie in kennis gesteld van de goedkeuring van c.q. de toetreding tot de Regionale Overeenkomst van 15 maart 1985:

Litouwen	16 oktober 1992
Kroatië	15 februari 1993

Protocol tot wijziging van Regionaal Akkoord Stockholm 1961

Behalve de in *Trb.* 1988, 26 en 146, *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde hebben nog de volgende Staten de Secretaris-Generaal van de Internationale Telecommunicatie-Unie in kennis gesteld van de goedkeuring van c.q. de toetreding tot het op 13 augustus 1985 tot stand gekomen Protocol tot wijziging van de in 1961 te Stockholm gesloten regionale overeenkomst voor het Europese omroepgebied:

Kroatië	15 februari 1993
De Voormalige Joegoslavische Republiek Macedonië	12 mei 1993
Slovenië	23 december 1993

ORB-85

Behalve de in *Trb.* 1988, 97, *Trb.* 1989, 93, *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde Staten heeft nog de volgende Staat een akte van bekrachtiging van de gedeeltelijk herziening (ORB-85) van 15 september 1985 van het Radioreglement nedergelegd bij de Secretaris-Generaal van de Internationale Telecommunicatie-Unie:

de Verenigde Staten van Amerika	7 april 1993
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MOB-87

Behalve de in *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde hebben nog de volgende Staten een akte van bekrachtiging van de gedeeltelijke herziening van het Radioreglement van 17 oktober 1987 nedergelegd bij de Secretaris-Generaal van de Internationale Telecommunicatie-Unie c.q. deze in kennis gesteld van de goedkeuring van de onderhavige gedeeltelijke herziening:

de Verenigde Staten van Amerika	7 april 1993
Italië	18 augustus 1994

ORB-88

Behalve de in *Trb.* 1990, 132 en *Trb.* 1992, 176 genoemde Staten heeft nog de volgende Staat een akte van bekrachtiging van de in de Slotakten van 6 oktober 1988 vervatte overeenkomst (ORB-88) nedergelegd bij de Secretaris-Generaal van de Internationale Telecommunicatie-Unie:

de Verenigde Staten van Amerika	7 april 1993
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WARC-92

Tijdens de Mondiale Administratieve Radio Conferentie aangaande de toewijzing van frequenties in bepaalde delen van het spectrum, die werd gehouden te Malaga-Torremolinos van 3 februari tot 3 maart 1992, zijn op 3 maart 1992 Slotakten ondertekend waarvan de Engelse tekst¹⁾ als volgt luidt:

¹⁾ De Arabische, de Chinese, de Franse, de Russische en de Spaanse tekst zijn niet afgedrukt. De bij de Slotakten behorende Resoluties en Aanbevelingen, die ook niet zijn afgedrukt, liggen ter inzage bij het Ministerie van Verkeer en Waterstaat, Hoofddirectie Telecommunicatie en Post.

Verklarende noot: De volgende symbolen zijn gebruikt om per geval de aard van de herziening aan te geven:

- ADD = toevoeging van een nieuwe bepaling
- MOD = wijziging van een bestaande bepaling
- (MOD) = redactionele wijziging van een bestaande bepaling
- NOC = ongewijzigde bepaling
- SUP = schrapping van een bestaande bepaling

FINAL ACTS

of the
World Administrative Radio Conference for Dealing
with Frequency Allocations
in Certain Parts of the Spectrum (WARC-92)
Malaga-Torremolinos 1992

PREAMBLE

Taking into account the relevant Resolutions and Recommendations adopted by the World Administrative Radio Conference for the Planning of the HF Bands Allocated to the Broadcasting Service (Geneva, 1987) (HFBC-87), the World Administrative Radio Conference for the Mobile Services (Geneva, 1987) (MOB-87) and the World Administrative Radio Conference on the Use of the Geostationary-Satellite Orbit and the Planning of Space Services Utilizing It (Geneva, 1988) (ORB-88), the Plenipotentiary Conference of the International Telecommunication Union (Nice, 1989) decided, in its Resolution 1, to convene in Spain, for a period of four weeks and two days, in the first quarter of 1992, a World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum, having regard to the Resolutions and Recommendations of the above-mentioned Conferences.

FA

On the basis of this decision, the Administrative Council of the Union, at its 45th session in 1990, adopted Resolution 995 making the necessary arrangements for convening such a world administrative radio conference. In Resolution 995, the Administrative Council decided that the Conference would be held in Spain for a period of four weeks and two days from 3 February 1992. When establishing the agenda for the Conference, the Administrative Council took full account of Resolutions 1, 7 and 9 of the Plenipotentiary Conference (Nice, 1989).

The World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum, accordingly convened on the appointed date, considered and adopted a partial revision of the Radio Regulations in accordance with its agenda. Details of this partial revision and of the related action taken by the Conference are given in the Annex hereto.

In accordance with its agenda, the Conference also reviewed and, where necessary, revised or abrogated certain existing Resolutions and Recommendations and adopted a number of new Resolutions and Recommendations.

The partial revision of the Radio Regulations, as adopted by the Conference, shall form an integral part of those Regulations and shall enter into force on **12 October 1993 at 0001 hours UTC**.

The delegates signing the partial revision of the Radio Regulations contained in the present Final Acts hereby declare that, should a Member of the Union make reservations concerning the application of one or more of the provisions of the revised Radio Regulations, no other Member shall be obliged to observe that provision or those provisions in its relations with that particular Member.

FA

In accordance with No. 172 of the International Telecommunication Convention (Nairobi, 1982), Members of the Union shall inform the Secretary-General of their approval of the partial revision of the Radio Regulations by the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992). The Secretary-General shall inform Members promptly of the receipt of such notifications of approval.

IN WITNESS WHEREOF, the delegates of the Members of the International Telecommunication Union named below have, on behalf of their respective competent authorities, signed one copy of the present Final Acts in the English, Arabic, Chinese, Spanish, French and Russian languages. This copy shall remain 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 Malaga-Torremolinos, 3 March 1992

De Slotakten zijn op 3 maart 1992 te Malaga-Torremolinos ondertekend voor:

Algerije	Italië
Argentinië	Ivoorkust
Australië	Japan
de Bahama's	Jemen
Bahrein	Joegoslavië
Bangladesh	Jordanië
België	Kaapverdië
Belize	Kameroen
Benin	Kenya
Bhutan	Koeweit
Botswana	het <i>Koninkrijk der Nederlanden</i>
Brazilië	Letland
Brunei	Libanon
Bulgarije	Libië
Burkina Faso	Liechtenstein
Burundi	Litouwen
Canada	Luxemburg
de Centraalafrikaanse Republiek	Madagascar
Chili	Malawi
China	Maleisië
Colombia	Mali
Congo	Malta
Cuba	Marokko
Cyprus	Mexico
Denemarken	Monaco
Duitsland	Mongolië
Ecuador	Mozambique
Ethiopië	Nicaragua
de Filipijnen	Nieuw-Zeeland
Finland	Niger
Frankrijk	Nigeria
Gabon	Noord-Korea
Gambia	Noorwegen
Ghana	Oekraïne
Griekenland	Oman
Guatemala	Oostenrijk
Guinee	Pakistan
Honduras	Panama
Hongarije	Papoea-Nieuw-Guinea
Ierland	Polen
India	Portugal
Indonesië	Qatar
Iran	Roemenië
Israël	Rusland

San Marino
Saudi-Arabië
Senegal
Singapore
Spanje
Sri Lanka
Suriname
Swaziland
Syrië
Tanzania
Thailand
Togo
Tsjaad
Tsjechoslowakije
Tunesië
Turkije
Uganda

Uruguay
Vaticaanstad
Venezuela
de Verenigde Arabische
Emiraten
het Verenigd Koninkrijk van
Groot-Brittannië en
Noord-Ierland
de Verenigde Staten van
Amerika
Wit-Rusland
IJsland
Zambia
Zimbabwe
Zuid-Korea
Zweden
Zwitserland

ANNEX**Partial Revision of the Radio Regulations
and the Appendices thereto****ARTICLE 1****Terms and Definitions****Section I. General Terms**

NOC 3

NOC 4

NOC 7

Section III. Radio Services

MOD 24 3.5 *Inter-Satellite Service: A radiocommunication service*
WARC-92 providing links between artificial satellites.

NOC 26

NOC 36

ADD 46A 3.27A *Radiolocation-Satellite Service: A radiodetermination-*
WARC-92 *satellite service used for the purpose of radiolocation.*

Art. 1

This service may also include the *feeder links* necessary for its operation.

MOD 48 3.29 *Earth Exploration-Satellite Service: A radiocommunication*
WARC-92 *service between earth stations and one or more space stations,*
which may include links between *space stations*, in which:

- information relating to the characteristics of the Earth and its natural phenomena, including data relating to the state of the environment, is obtained from *active sensors* or *passive sensors* on Earth *satellites*;
- similar information is collected from airborne or Earth-based platforms;
- such information may be distributed to *earth stations* within the system concerned;
- platform interrogation may be included.

This service may also include *feeder links* necessary for its operation.

Section V. Operational Terms

NOC 110

NOC 111

NOC 112

NOC 117

Section VII. Frequency Sharing

NOC 163

Section VIII. Technical Terms Relating to Space

NOC 181

MOD 182 8.14 *Geostationary-satellite orbit*: The *orbit* of a *geo-synchronous satellite* whose circular and direct *orbit* lies in the plane of the Earth's equator.

WARC-92

Art. 8

ARTICLE 8

Frequency Allocations

Section I. Regions and Areas

MOD 404 § 4. The "European Broadcasting Area" is bounded on the
WARC-92 west by the western boundary of Region 1, on the east by the
meridian 40° East of Greenwich and on the south by the parallel
30° North so as to include the western part of the U.S.S.R., the
northern part of Saudi Arabia and that part of those countries
bordering the Mediterranean within these limits. In addition, Iraq,
Jordan and that part of the territory of Turkey lying outside the
above limits are included in the European Broadcasting Area.

Section IV. Table of Frequency Allocations

PART A*

**Changes made to the tables and
if appropriate, to the related footnotes**

* *Note by the General Secretariat:* The changes are presented in the following order:

- Part A – Changes made to the tables and, if appropriate, to the related footnotes.
- Part B – Changes made to the footnotes only.

Art. 8

MOD

kHz
5 730 – 6 200

Allocation to Services		
Region 1	Region 2	Region 3
5 730 – 5 900 FIXED LAND MOBILE	5 730 – 5 900 FIXED MOBILE except aeronautical mobile (R)	5 730 – 5 900 FIXED Mobile except aeronautical mobile (R)
5 900 – 5 950	BROADCASTING 521A 521B 521C	
5 950 – 6 200	BROADCASTING	

ADD **521A** The use of the bands 5 900 – 5 950 kHz, 7 300 - 7 350 kHz, 9 400 -
 WARC-92 9 500 kHz, 11 600 - 11 650 kHz, 12 050 - 12 100 kHz, 13 570 - 13 600 kHz,
 13 800 - 13 870 kHz, 15 600 - 15 800 kHz, 17 480 - 17 550 kHz and 18 900 -
 19 020 kHz by the broadcasting service is limited to single-sideband
 emissions with the characteristics specified in Appendix 45 to the Radio
 Regulations.

ADD **521B** The use of the bands 5 900 - 5 950 kHz, 7 300 - 7 350 kHz, 9 400 -
 WARC-92 9 500 kHz, 11 600 - 11 650 kHz, 12 050 - 12 100 kHz, 13 570 - 13 600 kHz,
 13 800 - 13 870 kHz, 15 600 - 15 800 kHz, 17 480 - 17 550 kHz and 18 900 -
 19 020 kHz by the broadcasting service shall be subject to the planning
 procedures to be drawn up by a competent world administrative radio
 conference.

Art. 8

ADD **521C** The band 5900 - 5950 kHz is allocated, until 1 April 2007, to the fixed
WARC-92 service on a primary basis, as well as to the following services: in Region 1
to the land mobile service on a primary basis, in Region 2 to the mobile
except aeronautical mobile (R) service on a primary basis, and in Region 3
to the mobile except aeronautical mobile (R) service on a secondary basis,
subject to application of the procedure referred to in Resolution 21
(WARC-92). After 1 April 2007, frequencies in this band may be used by
stations in the above-mentioned services, communicating only within the
boundary of the country in which they are located, on the condition that
harmful interference is not caused to the broadcasting service. When using
frequencies for these services, administrations are urged to use the
minimum power required and to take account of the seasonal use of
frequencies by the broadcasting service published in accordance with the
Radio Regulations.

Art. 8

MOD

kHz
7 300 – 8 100

Allocation to Services		
Region 1	Region 2	Region 3
7 300 – 7 350	BROADCASTING 521A 521B 528A	
7 350 – 8 100	FIXED Land Mobile 529	

ADD 528A The band 7 300 - 7 350 kHz is allocated, until 1 April 2007, to the fixed service on a primary basis and to the land mobile service on a secondary basis, subject to application of the procedure referred to in Resolution 21 (WARC-92). After 1 April 2007, frequencies in this band may be used by stations in the above-mentioned services, communicating only within the boundary of the country in which they are located, on condition that harmful interference is not caused to the broadcasting service. When using frequencies for these services, administrations are urged to use the minimum power required and to take account of the seasonal use of frequencies by the broadcasting service published in accordance with the Radio Regulations.

Art. 8

MOD

kHz
9 040 – 9 900

Allocation to Services		
Region 1	Region 2	Region 3
9 040 – 9 400	FIXED	
9 400 – 9 500	BROADCASTING 521A 521B 529B	
9 500 – 9 900	BROADCASTING 530 531	

ADD 529B The bands 9 400 - 9 500 kHz, 11 600 - 11 650 kHz, 12 050 - 12 100 kHz, **WARC-92** 15 600 - 15 800 kHz, 17 480 - 17 550 kHz and 18 900 - 19 020 kHz are allocated to the fixed service on a primary basis until 1 April 2007, subject to application of the procedure referred to in Resolution **21 (WARC-92)**. After 1 April 2007, frequencies in these bands may be used by stations in the fixed service, communicating only within the boundary of the country in which they are located, on condition that harmful interference is not caused to the broadcasting service. When using frequencies in the fixed service, administrations are urged to use the minimum power required and to take account of the seasonal use of frequencies by the broadcasting service published in accordance with the Radio Regulations.

MOD

kHz
11 400 – 12 230

Allocation to Services		
Region 1	Region 2	Region 3
11 400 – 11 600	FIXED	
11 600 – 11 650	BROADCASTING 521A 521B 529B	
11 650 – 12 050	BROADCASTING 530 531	
12 050 – 12 100	BROADCASTING 521A 521B 529B	
12 100 – 12 230	FIXED	

Art. 8

MOD

kHz
13 410 – 14 000

Allocation to Services		
Region 1	Region 2	Region 3
13 410 – 13 570	FIXED Mobile except aeronautical mobile (R) 534	
13 570 – 13 600	BROADCASTING 521A 521B 534A	
13 600 – 13 800	BROADCASTING 531	
13 800 – 13 870	BROADCASTING 521A 521B 534A	
13 870 – 14 000	FIXED Mobile except aeronautical mobile (R)	

ADD 534A The bands 13 570 - 13 600 kHz and 13 800 - 13 870 kHz are allocated, WARC-92 until 1 April 2007, to the fixed service on a primary basis and to the mobile except aeronautical mobile (R) service on a secondary basis, subject to application of the procedure referred to in Resolution 21 (WARC-92). After 1 April 2007, frequencies in these bands may be used by stations in the above-mentioned services, communicating only within the boundary of the country in which they are located, on the condition that harmful interference is not caused to the broadcasting service. When using frequencies in these services, administrations are urged to use the minimum power required and to take account of the seasonal use of frequencies by the broadcasting service published in accordance with the Radio Regulations.

MOD

kHz
15 100 – 16 360

Allocation to Services		
Region 1	Region 2	Region 3
15 100 – 15 600	BROADCASTING 531	
15 600 – 15 800	BROADCASTING 521A 521B 529B	
15 800 – 16 360	FIXED 536	

MOD

kHz
17 410 – 17 900

Allocation to Services		
Region 1	Region 2	Region 3
17 410 – 17 480	FIXED	
17 480 – 17 550	BROADCASTING 521A 521B 529B	
17 550 – 17 900	BROADCASTING 531	

Art. 8

MOD

kHz
18 900 – 19 680

Allocation to Services		
Region 1	Region 2	Region 3
18 900 – 19 020	BROADCASTING 521A 521B 529B	
19 020 – 19 680	FIXED	

MOD

MHz
137 – 137.175

Allocation to Services		
Region 1	Region 2	Region 3
137 – 137.025	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B Fixed Mobile except aeronautical mobile (R) 596 597 598 599 599A	
137.025 – 137.175	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Mobile-Satellite (space-to-Earth) 599B Fixed Mobile except aeronautical mobile (R) 596 597 598 599 599A	

Art. 8

- ADD **599A** The use of the band 137 - 138 MHz by the mobile-satellite service is
WARC-92 subject to the application of the coordination and notification procedures set
forth in Resolution 46 (WARC-92). However, coordination of a space
station of the mobile-satellite service with respect to terrestrial services is
required only if the power flux-density produced by the station exceeds
-125 dB(W/m²/4 kHz) at the Earth's surface. The above power flux-density
limit shall apply until such time as a competent world administrative radio
conference revises it. In making assignments to the space stations in the
mobile-satellite service in the above band, administrations shall take
all practicable steps to protect the radio astronomy service in the
150.05 - 153 MHz band from harmful interference from unwanted
emissions.
- ADD **599B** The use of the bands 137 - 138 MHz, 148 - 149.9 MHz and 400.15 -
WARC-92 401 MHz by the mobile-satellite service and the band 149.9 - 150.05 MHz
by the land mobile-satellite service is limited to non-geostationary-satellite
systems.

Art. 8

MOD

MHz
137.175 – 138

Allocation to Services		
Region 1	Region 2	Region 3
137.175 – 137.825	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 599B Fixed Mobile except aeronautical mobile (R) 596 597 598 599 599A	
137.825 – 138	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Mobile-Satellite (space-to-Earth) 599B Fixed Mobile except aeronautical mobile (R) 596 597 598 599 599A	

MOD

MHz
148 – 150.05

Allocation to Services		
Region 1	Region 2	Region 3
148 – 149.9 FIXED MOBILE except aeronautical mobile (R) MOBILE-SATELLITE (Earth-to-space) 599B 608 608A 608C	148 – 149.9 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 599B 608 608A 608C	
149.9 – 150.05 RADIONAVIGATION-SATELLITE LAND MOBILE-SATELLITE (Earth-to-space) 599B 609B 608B 609 609A		

ADD 608A The use of the band 148 - 149.9 MHz by the mobile-satellite service is subject to the application of the coordination and notification procedures set forth in Resolution **46 (WARC-92)**. The mobile-satellite service shall not constrain the development and use of fixed, mobile and space operation services in the band 148 - 149.9 MHz. Mobile earth stations in the mobile-satellite service shall not produce a power flux-density in excess of $-150 \text{ dB(W/m}^2/4 \text{ kHz)}$ outside national boundaries.

ADD 608B The use of the band 149.9 - 150.05 MHz by the land mobile-satellite service is subject to the application of the coordination and notification procedures set forth in Resolution **46 (WARC-92)**. The land mobile-satellite service shall not constrain the development and use of the radionavigation-satellite service in the band 149.9 - 150.05 MHz. Land mobile earth stations of the land mobile-satellite service shall not produce power flux-density in excess of $-150 \text{ dB(W/m}^2/4 \text{ kHz)}$ outside national boundaries.

Art. 8

- ADD **608C** Stations of the mobile-satellite service in the band 148 - 149.9 MHz shall not cause harmful interference to, or claim protection from stations of the fixed or mobile services in the following countries: Algeria, the Federal Republic of Germany, Saudi Arabia, Australia, Austria, Bangladesh, Belarus, Belgium, Brunei Darussalam, Bulgaria, Cameroon, Canada, Cyprus, Colombia, Congo, Cuba, Denmark, Egypt, the United Arab Emirates, Ecuador, Spain, Ethiopia, the Russian Federation, Finland, France, Ghana, Greece, Honduras, Hungary, Iran, Ireland, Iceland, Israel, Italy, Japan, Jordan, Kenya, Libya, Liechtenstein, Luxembourg, Malaysia, Mali, Malta, Mauritania, Mozambique, Namibia, New Zealand, Norway, Oman, Pakistan, Panama, Papua New Guinea, the Netherlands, Philippines, Poland, Portugal, Qatar, Syria, Romania, the United Kingdom, Singapore, Sri Lanka, Sweden, Switzerland, Suriname, Swaziland, Tanzania, Chad, the Czech and Slovak Federal Republic, Thailand, Tunisia, Turkey, Ukraine, Yemen and Yugoslavia that operate in accordance with the Table of Frequency Allocations.
- ADD **609B** In the band 149.9 - 150.05 MHz, the allocation to the land mobile-satellite service shall be on a secondary basis until 1 January 1997.

MOD

MHz
273 – 322

Allocation to Services		
Region 1	Region 2	Region 3
273 – 312	FIXED MOBILE 641	
312 – 315	FIXED MOBILE Mobile-Satellite (Earth-to-space) 641 641A	
315 – 322	FIXED MOBILE 641	

Art. 8

MOD

MHz
335.4 – 399.9

Allocation to Services		
Region 1	Region 2	Region 3
335.4 – 387	FIXED MOBILE 641	
387 – 390	FIXED MOBILE Mobile-Satellite (space-to-Earth) 641 641A	
390 – 399.9	FIXED MOBILE 641	

NOC 641

ADD **641A** The bands 312 - 315 MHz (Earth-to-space) and 387 - 390 MHz (space-WARC-92 to-Earth) in the mobile-satellite service may also be used by non-geostationary-satellite systems. Such use is subject to the application of the coordination and notification procedures set forth in Resolution 46 (WARC-92).

MOD

MHz
400.15 – 401

Allocation to Services		
Region 1	Region 2	Region 3
400.15 – 401	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) 647A MOBILE-SATELLITE (space-to-Earth) 599B Space Operation (space-to-Earth) 647 647B	

ADD 647A The band 400.15 - 401 MHz is also allocated to the space research service in the space-to-space direction for communications with manned space vehicles. In this application, the space research service will not be regarded as a safety service.

ADD 647B The use of the band 400.15 - 401 MHz by the mobile-satellite service is subject to the application of the coordination and notification procedures set forth in Resolution 46 (WARC-92). However, coordination of a space station of the mobile-satellite service with respect to terrestrial services is required only if the power flux-density produced by the station exceeds $-125 \text{ dB(W/m}^2/4 \text{ kHz)}$ at the Earth's surface. The above power flux-density limit shall apply until such time as a competent world administrative radio conference revises it. In making assignments to the space stations in the mobile-satellite service in the above band, administrations shall take all practicable steps to protect the radio astronomy service in the band 406.1 - 410 MHz from harmful interference from unwanted emissions.

Art. 8

MOD

MHz
410 - 420

Allocation to Services		
Region 1	Region 2	Region 3
410 - 420	FIXED MOBILE except aeronautical mobile Space Research (space-to-space) 651A	

ADD **651A** Use of the band 410 - 420 MHz by the space research service is limited ~~WARC-92~~ to communications within 5 km of an orbiting, manned space vehicle.

Art. 8

MOD

MHz
942 – 960

Allocation to Services		
Region 1	Region 2	Region 3
942 – 960 FIXED MOBILE except aeronautical mobile BROADCASTING 703 704	942 – 960 FIXED MOBILE	942 – 960 FIXED MOBILE BROADCASTING 701

SUP 708
WARC-92

Art. 8

MOD

MHz
470 – 890

Allocation to Services		
Region 1	Region 2	Region 3
470 – 790 BROADCASTING 676 677A 683 684 685 686 686A 687 689 693 694	470 – 512 BROADCASTING Fixed Mobile 674 675	470 – 585 FIXED MOBILE BROADCASTING 673 677 679
	512 – 608 BROADCASTING 678	585 – 610 FIXED MOBILE BROADCASTING RADIONAVIGATION 688 689 690
	608 – 614 RADIO ASTRONOMY Mobile-Satellite except aeronautical mobile- satellite (Earth-to-space)	610 – 890 FIXED MOBILE BROADCASTING
	614 – 806 BROADCASTING Fixed Mobile 675 692 692A 693	806 – 890 FIXED MOBILE BROADCASTING
790 – 862 FIXED BROADCASTING 694 695 695A 696 697 700B 702	862 – 890 FIXED MOBILE except aeronautical mobile BROADCASTING 703 700B 704	677 688 689 690 691 693 701

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MOD

MHz
890 – 942

Allocation to Services		
Region 1	Region 2	Region 3
890 – 942 FIXED MOBILE except aeronautical mobile BROADCASTING 703 Radiolocation 704	890 – 902 FIXED MOBILE except aeronautical mobile Radiolocation 700A 704A 705	890 – 942 FIXED MOBILE BROADCASTING Radiolocation 706
	902 – 928 FIXED Amateur Mobile except aeronautical mobile Radiolocation 705 707 707A	
	928 – 942 FIXED MOBILE except aeronautical mobile Radiolocation 705	

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ADD **700A** *Additional allocation:* in Canada, the United States and Mexico, the
WARC-92 bands 849 - 851 MHz and 894 - 896 MHz are also allocated to the
aeronautical mobile service on a primary basis, for public correspondence
with aircraft. The use of the band 849 - 851 MHz is limited to transmissions
from aeronautical stations and the use of the band 894 - 896 MHz is limited
to transmissions from aircraft stations.

ADD **700B** *Additional allocation:* in Belarus, the Russian Federation and Ukraine,
WARC-92 the bands 806 - 840 MHz (Earth-to-space) and 856 - 890 MHz (space-to-
Earth) are also allocated to the mobile-satellite, except aeronautical mobile-
satellite (R) service. The use of these bands by this service shall not cause
harmful interference to, or claim protection from, services in other
countries operating in accordance with the Table of Frequency Allocations
and is subject to special agreements between the administrations concerned.

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MOD

MHz
1 429 – 1 525

Allocation to Services		
Region 1	Region 2	Region 3
1 429 – 1 452 FIXED MOBILE except aeronautical mobile 722 723B	1 429 – 1 452 FIXED MOBILE 723 722	
1 452 – 1 492 FIXED MOBILE except aeronautical mobile BROADCASTING-SATELLITE 722A 722B BROADCASTING 722A 722B 722 723B	1 452 – 1 492 FIXED MOBILE 723 BROADCASTING-SATELLITE 722A 722B BROADCASTING 722A 722B 722 722C	
1 492 – 1 525 FIXED MOBILE except aeronautical mobile 722 723B	1 492 – 1 525 FIXED MOBILE 723 MOBILE-SATELLITE (space-to-Earth) 722 722C 723C	1 492 – 1 525 FIXED MOBILE 723 722

ADD 722A Use of the band 1 452 - 1 492 MHz by the broadcasting-satellite service, **WARC-92** and by the broadcasting service, is limited to digital audio broadcasting and is subject to the provisions of Resolution **528 (WARC-92)**.

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- ADD **722B** *Different category of service:* in the Federal Republic of Germany,
WARC-92 Bangladesh, Botswana, Bulgaria, Burkina Faso, Colombia, Cuba, Denmark, Egypt, Ecuador, Spain, Greece, Hungary, Ireland, Italy, Jordan, Kenya, Malawi, Mozambique, Panama, Poland, Portugal, United Kingdom, Sri Lanka, Sweden, Swaziland, Czech and Slovak Federal Republic, Yemen, Yugoslavia and Zimbabwe, the allocation of the band 1 452 - 1 492 MHz to the broadcasting-satellite service and the broadcasting service is on a secondary basis until 1 April 2007.
- ADD **722C** *Alternative allocation:* in the United States of America, the band 1 452 -
WARC-92 1 525 MHz is allocated to the fixed and mobile services on a primary basis. (See also No. 723.)
- ADD **723B** *Additional allocation:* in Belarus, the Russian Federation and Ukraine,
WARC-92 the band 1 429 - 1 535 MHz is also allocated to the aeronautical mobile service on a primary basis exclusively for the purposes of aeronautical telemetry within the national territory. As of 1 April 2007, the use of the band 1 452 - 1 492 MHz is subject to agreement between the administrations concerned.
- ADD **723C** The use of the band 1 492 - 1 525 MHz by the mobile-satellite service is
WARC-92 subject to the application of the coordination and notification procedures set forth in Resolution 46 (WARC-92). However, with the exception of the situation referred to in No. 723, on a provisional basis, coordination of space stations of the mobile-satellite service with respect to terrestrial services is required only if the power flux-density produced at the Earth's surface exceeds the limits in No. 2566. In respect of assignments operating in this band, the provisions of Section II, paragraph 2.2 of Resolution 46 (WARC-92) shall also be applied to geostationary transmitting space stations with respect to terrestrial stations.

MOD

MHz
1 525 – 1 530

Allocation to Services		
Region 1	Region 2	Region 3
1 525 – 1 530 SPACE OPERATION (space-to-Earth) FIXED MARITIME MOBILE-SATELLITE (space-to-Earth) Land Mobile-Satellite (space-to-Earth) 726B Earth Exploration-Satellite Mobile except aeronautical mobile 724 722 723B 725 726A 726D	1 525 – 1 530 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) Earth Exploration-Satellite Fixed Mobile 723 722 723A 726A 726D	1 525 – 1 530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) Earth Exploration-Satellite Mobile 723 724 722 726A 726D

MOD **726A** The bands 1 525 - 1 544 MHz, 1 545 - 1 559 MHz, 1 626.5 - WARC-92 1 645.5 MHz and 1 646.5 - 1 660.5 MHz shall not be used for feeder links of any service. In exceptional circumstances, however, an earth station at a specified fixed point in any of the mobile-satellite services may be authorized by an administration to communicate via space stations using these bands.

MOD **726B** The use of the bands 1 525 - 1 530 MHz, 1 533 - 1 544 MHz, 1 626.5 - WARC-92 1 631.5 MHz and 1 634.5 - 1 645.5 MHz by the land mobile-satellite service is limited to non-speech low bit-rate data transmissions.

Art. 8

ADD **726D** The use of the bands 1 525 - 1 559 MHz and 1 626.5 - 1 660.5 MHz by
WARC-92 the mobile-satellite services are subject to the application of the coordina-
tion and notification procedures set forth in Resolution **46 (WARC-92)**. In
Regions 1 and 3 in the band 1 525 - 1 530 MHz coordination of space stations
of the mobile-satellite services with respect to terrestrial services is required
only if the power flux-density produced at the Earth's surface exceeds the
limits in No. **2566**. In respect of assignments operating in the band 1 525 -
1 530 MHz, the provisions of Section II, paragraph 2.2 of Resolution **46**
(WARC-92) shall also be applied to geostationary transmitting space stations
with respect to terrestrial stations.

MOD

MHz
1530 – 1533

Allocation to Services		
Region 1	Region 2	Region 3
1 530 – 1 533 SPACE OPERATION (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) LAND MOBILE- SATELLITE (space-to-Earth) Earth Exploration-Satellite Fixed Mobile except aeronautical mobile 722 723B 726A 726D	1 530 – 1 533 SPACE OPERATION (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) LAND MOBILE-SATELLITE (space-to-Earth) Earth Exploration-Satellite Fixed Mobile 723 722 726A 726C 726D	

SUP **726**
WARC-92

ADD **726C** *Additional allocation:* in Argentina, Australia, Brazil, Canada, the United States, Malaysia and Mexico, the band 1 530 - 1 544 MHz is also allocated to the mobile-satellite (space-to-Earth) service, and the band 1 626.5 - 1 645.5 MHz is also allocated to the mobile-satellite (Earth-to-space) service, on a primary basis subject to the following conditions:

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maritime mobile-satellite distress and safety communications shall have priority access and immediate availability over all other mobile-satellite communications operating under this provision. Communications of mobile-satellite system stations not participating in the global maritime distress and safety system (GMDSS) shall operate on a secondary basis to distress and safety communications of stations operating in the GMDSS. Account shall be taken of the priority of safety-related communications in the other mobile-satellite services.

MOD

MHz
1 533 – 1 559

Allocation to Services		
Region 1	Region 2	Region 3
1 533 – 1 535 SPACE OPERATION (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) Earth Exploration-Satellite Fixed Mobile except aeronautical mobile Land Mobile- Satellite (space-to-Earth) 726B 722 723B 726A 726D	1 533 – 1 535 SPACE OPERATION (space-to-Earth) MARITIME MOBILE-SATELLITE (space-to-Earth) Earth Exploration-Satellite Fixed Mobile 723 Land Mobile-Satellite (space-to-Earth) 726B 722 726A 726C 726D	
1 535 – 1 544	MARITIME MOBILE-SATELLITE (space-to-Earth) Land Mobile-Satellite (space-to-Earth) 726B 722 726A 726C 726D 727	
1 544 – 1 545	MOBILE-SATELLITE (space-to-Earth) 722 726D 727 727A	
1 545 – 1 555	AERONAUTICAL MOBILE-SATELLITE (R) (space-to-Earth) 722 726A 726D 727 729 729A 730	
1 555 – 1 559	LAND MOBILE-SATELLITE (space-to-Earth) 722 726A 726D 727 730 730A 730B 730C	

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- ADD **730B** *Alternative allocation:* in Australia, Canada and Mexico, the band
WARC-92 1555 - 1559 MHz is allocated to the mobile-satellite (space-to-Earth) service, the band 1656.5 - 1660 MHz is allocated to the mobile-satellite (Earth-to-space) service, and the band 1660 - 1660.5 MHz is allocated to the mobile-satellite (Earth-to-space) and the radio astronomy services, on a primary basis.
- ADD **730C** *Alternative allocation:* in Argentina and the United States, the band
WARC-92 1555 - 1559 MHz is allocated to the mobile-satellite (space-to-Earth) service, the band 1656.5 - 1660 MHz is allocated to the mobile-satellite (Earth-to-space) service, and the band 1660 - 1660.5 MHz is allocated to the mobile-satellite (Earth-to-space) and radio astronomy services, on a primary basis subject to the following conditions: the aeronautical mobile-satellite (R) service shall have priority access and immediate availability over all other mobile-satellite communications within a network operating under this provision; mobile-satellite systems shall be interoperable with the aeronautical mobile-satellite (R) service; account shall be taken of the priority of safety-related communications in the other mobile-satellite services.

MOD

MHz
1 610 – 1 613.8

Allocation to Services		
Region 1	Region 2	Region 3
<p>1 610 – 1 610.6 AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (Earth-to-space)</p> <p>722 727 730 731 731E 732 733 733A 733B 733E 733F</p>	<p>1 610 – 1 610.6 AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space)</p> <p>722 731E 732 733 733A 733C 733D 733E</p>	<p>1 610 – 1 610.6 AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (Earth-to-space) Radiodetermination-Satellite (Earth-to-space)</p> <p>722 727 730 731E 732 733 733A 733B 733E</p>
<p>1 610.6 – 1 613.8 AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY</p> <p>722 727 730 731 731E 732 733 733A 733B 733E 733F 734</p>	<p>1 610.6 – 1 613.8 AERONAUTICAL RADIONAVIGATION RADIODETERMINATION- SATELLITE (Earth-to-space) MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY</p> <p>722 731E 732 733 733A 733C 733D 733E 734</p>	<p>1 610.6 – 1 613.8 AERONAUTICAL RADIONAVIGATION MOBILE-SATELLITE (Earth-to-space) RADIO ASTRONOMY Radiodetermination-Satellite (Earth-to-space)</p> <p>722 727 730 731E 732 733 733A 733B 733E 734</p>

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MOD

MHz
1 613.8 – 1 626.5

Allocation to Services											
Region 1				Region 2				Region 3			
1 613.8 – 1 626.5				1 613.8 – 1 626.5				1 613.8 – 1 626.5			
AERONAUTICAL RADIONAVIGATION				AERONAUTICAL RADIONAVIGATION				AERONAUTICAL RADIONAVIGATION			
MOBILE-SATELLITE (Earth-to-space)				RADIODETERMINATION- SATELLITE (Earth-to-space)				MOBILE-SATELLITE (Earth-to-space)			
Mobile-Satellite (space-to-Earth)				MOBILE-SATELLITE (Earth-to-space)				Radiodetermination-Satellite (Earth-to-space)			
Mobile-Satellite (space-to-Earth)				Mobile-Satellite (space-to-Earth)				Mobile-Satellite (space-to-Earth)			
722	727	730	731	722	731E	731F	732	722	727	730	731E
731E	731F	732	733	733	733A	733C	733D	731F	732	733	733A
733A	733B	733E	733F	733E				733B	733E		

SUP **731A**
WARC-92

SUP **731B**
WARC-92

SUP **731C**
WARC-92

SUP **731D**
WARC-92

Art. 8

- ADD 731E** The use of the band 1 610 - 1 626.5 MHz by the mobile-satellite service
WARC-92 (Earth-to-space) and by the radiodetermination-satellite service (Earth-to-space) is subject to the application of the coordination and notification procedures set forth in Resolution 46 (WARC-92). A mobile earth station operating in either of the services in this band shall not produce an e.i.r.p. density in excess of -15 dB(W/4 kHz) in the part of the band used by systems operating in accordance with the provisions of No. 732, unless otherwise agreed by the affected administrations. In the part of the band where such systems are not operating, a value of -3 dB(W/4 kHz) is applicable. Stations of the mobile-satellite service shall not cause harmful interference to, or claim protection from, stations in the aeronautical radionavigation service, stations operating in accordance with the provisions of No. 732 and stations in the fixed service operating in accordance with the provisions of No. 730.
- ADD 731F** The use of the band 1 613.8 - 1 626.5 MHz by the mobile-satellite
WARC-92 service (space-to-Earth) is subject to the application of the coordination and notification procedures set forth in Resolution 46 (WARC-92).
- MOD 733A** With respect to the radiodetermination-satellite and mobile-satellite
WARC-92 services the provisions of No. 953 do not apply in the frequency band 1 610 - 1 626.5 MHz.
- MOD 733E** Harmful interference shall not be caused to stations of the radio
WARC-92 astronomy service using the band 1 610.6 - 1 613.8 MHz by stations of the radiodetermination-satellite and mobile-satellite services. (No. 2904 applies.)
- MOD 734** In making assignments to stations of other services, administrations are
WARC-92 urged to take all practicable steps to protect the radio astronomy service in the band 1 610.6 - 1 613.8 MHz from harmful interference. Emissions from space or air-borne stations can be particularly serious sources of interference to the radio astronomy service (see Nos. 343 and 344 and Article 36).

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MOD

MHz
1 626.5 – 1 660.5

Allocation to Services		
Region 1	Region 2	Region 3
1 626.5 – 1 631.5 MARITIME MOBILE-SATELLITE (Earth-to-space) Land Mobile-Satellite (Earth-to-space) 726B 722 726A 726D 727 730	1 626.5 – 1 631.5 MOBILE-SATELLITE (Earth-to-space) 722 726A 726C 726D 727 730	
1 631.5 – 1 634.5	MARITIME MOBILE-SATELLITE (Earth-to-space) LAND MOBILE-SATELLITE (Earth-to-space) 722 726A 726C 726D 727 730 734A	
1 634.5 – 1 645.5	MARITIME MOBILE-SATELLITE (Earth-to-space) Land Mobile-Satellite (Earth-to-space) 726B 722 726A 726C 726D 727 730	
1 645.5 – 1 646.5	MOBILE-SATELLITE (Earth-to-space) 722 726D 734B	
1 646.5 – 1 656.5	AERONAUTICAL MOBILE-SATELLITE (R) (Earth-to-space) 722 726A 726D 727 729A 730 735	
1 656.5 – 1 660	LAND MOBILE-SATELLITE (Earth-to-space) 722 726A 726D 727 730 730A 730B 730C 734A	
1 660 – 1 660.5	RADIO ASTRONOMY LAND MOBILE-SATELLITE (Earth-to-space) 722 726A 726D 730A 730B 730C 736	

MOD

MHz
1670 – 1700

Allocation to Services		
Region 1	Region 2	Region 3
1670 – 1675	METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE 740A 722	
1675 – 1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 722	1675 – 1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) 722 735A	1675 – 1690 METEOROLOGICAL AIDS FIXED METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 722
1690 – 1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) Fixed Mobile except aeronautical mobile 671 722 741	1690 – 1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (Earth-to-space) 671 722 735A 740	1690 – 1700 METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) 671 722 740 742

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ADD 735A In the band 1 675 - 1 710 MHz, stations in the mobile-satellite service
WARC-92 shall not cause harmful interference to, nor constrain the development of,
the meteorological-satellite and meteorological aids services (see
Resolution 213 (WARC-92)) and the use of this band shall be subject to the
provisions of Resolution 46 (WARC-92).

ADD 740A The bands 1 670 - 1 675 MHz and 1 800 - 1 805 MHz are intended for
WARC-92 use, on a worldwide basis, by administrations wishing to implement
aeronautical public correspondence. The use of the band 1 670 - 1 675 MHz
by stations in the systems for public correspondence with aircraft is limited
to transmissions from aeronautical stations and the use of the band 1 800 -
1 805 MHz is limited to transmissions from aircraft stations.

MOD

MHz
1700 – 1970

Allocation to Services		
Region 1	Region 2	Region 3
1700 – 1710 FIXED METEOROLOGICAL- SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 671 722	1700 – 1710 FIXED METEOROLOGICAL- SATELLITE (space-to-Earth) MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) 671 722 735A	1700 – 1710 FIXED METEOROLOGICAL- SATELLITE (space-to-Earth) MOBILE except aeronautical mobile 671 722 743
1710 – 1930	FIXED MOBILE 740A 722 744 745 746 746A	
1930 – 1970 FIXED MOBILE 746A	1930 – 1970 FIXED MOBILE Mobile-Satellite (Earth-to-space) 746A	1930 – 1970 FIXED MOBILE 746A

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MOD

MHz
1970 – 2010

Allocation to Services		
Region 1	Region 2	Region 3
1970 – 1980 FIXED MOBILE 746A	1970 – 1980 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 746A 746B 746C	1970 – 1980 FIXED MOBILE 746A
1980 – 2010 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) 746A 746B 746C		

ADD 746A The frequency bands 1885 - 2025 MHz and 2110 - 2200 MHz are intended for use, on a worldwide basis, by administrations wishing to implement the future public land mobile telecommunication systems (FPLMTS). Such use does not preclude the use of these bands by other services to which these bands are allocated. The frequency bands should be made available for FPLMTS in accordance with Resolution **212 (WARC-92)**.

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- ADD **746B** The use of the bands 1970 - 2010 MHz and 2160 - 2200 MHz by the
WARC-92 mobile-satellite service shall not commence before 1 January 2005 and is
subject to the application of the coordination and notification procedures set
forth in Resolution **46 (WARC-92)**. In the band 2160 - 2200 MHz coordina-
tion of space stations of the mobile-satellite service with respect to terrestrial
services is required only if the power flux-density produced at the Earth's
surface exceeds the limits in No. **2566**. In respect of assignments operating
in this band, the provisions of Section II, paragraph 2.2 of Resolution **46**
(WARC-92) shall also be applied to geostationary transmitting space stations
with respect to terrestrial stations.
- ADD **746C** In the United States of America, the use of the bands 1970 - 2010 MHz
WARC-92 and 2160 - 2200 MHz by the mobile-satellite service shall not commence
before 1 January 1996.

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MOD

MHz
2 010 – 2 200

Allocation to Services		
Region 1	Region 2	Region 3
2 010 – 2 025	FIXED MOBILE 746A	
2 025 – 2 110	FIXED MOBILE 747A SPACE RESEARCH (Earth-to-space) (space-to-space) SPACE OPERATION (Earth-to-space) (space-to-space) EARTH EXPLORATION-SATELLITE (Earth-to-space) (space-to-space) 750A	
2 110 – 2 120	FIXED MOBILE SPACE RESEARCH (deep space) (Earth-to-space) 746A	
2 120 – 2 160 FIXED MOBILE 746A	2 120 – 2 160 FIXED MOBILE Mobile-Satellite (space-to-Earth) 746A	2 120 – 2 160 FIXED MOBILE 746A
2 160 – 2 170 FIXED MOBILE 746A	2 160 – 2 170 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 746A 746B 746C	2 160 – 2 170 FIXED MOBILE 746A
2 170 – 2 200	FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) 746A 746B 746C	

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MOD

MHz
2 200 – 2 290

Allocation to Services		
Region 1	Region 2	Region 3
2 200 – 2 290	FIXED SPACE RESEARCH (space-to-Earth) (space-to-space) SPACE OPERATION (space-to-Earth) (space-to-space) EARTH EXPLORATION-SATELLITE (space-to-Earth) (space-to-space) MOBILE 747A 750A	

SUP **747**
WARC-92

ADD **747A** In making assignments to the mobile service in the bands 2025 - WARC-92 2 110 MHz and 2200 - 2 290 MHz, administrations shall take into account Resolution **211 (WARC-92)**.

SUP **748**
WARC-92

SUP **749**
WARC-92

SUP **750**
WARC-92

Art. 8

ADD 750A Administrations are urged to take all practicable measures to ensure that
WARC-92 space-to-space transmissions between two or more non-geostationary satellites, in the space research, space operations and Earth exploration-satellite services in the bands 2 025 - 2 110 MHz and 2 200 - 2 290 MHz, shall not impose any constraints on Earth-to-space, space-to-Earth and other space-to-space transmissions of those services and in those bands between geostationary and non-geostationary satellites.

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MOD

MHz
2 290 – 2 483.5

Allocation to Services		
Region 1	Region 2	Region 3
2 290 – 2 300	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (deep space) (space-to-Earth)	
2 300 – 2 450 FIXED MOBILE Amateur Radiolocation 664 751A 752	2 300 – 2 450 FIXED MOBILE RADIOLOCATION Amateur 664 750B 751 751B 752	
2 450 – 2 483.5 FIXED MOBILE Radiolocation 752 753	2 450 – 2 483.5 FIXED MOBILE RADIOLOCATION 751 752	

SUP **743A**
WARC-92

ADD **750B** *Additional allocation:* in the United States of America and India, the WARC-92 band 2 310 - 2 360 MHz is also allocated to the broadcasting-satellite service (sound) and complementary terrestrial sound broadcasting service on a primary basis. Such use is limited to digital audio broadcasting and is subject to the provisions of Resolution 528 (WARC-92).

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- MOD **751** In Australia, the United States and Papua New Guinea, the use of the
WARC-92 band 2300 - 2390 MHz by the aeronautical mobile service for telemetry
has priority over other uses by the mobile services. In Canada, the use of
the band 2300 - 2483.5 MHz by the aeronautical mobile service for
telemetry has priority over other uses by the mobile services.
- ADD **751A** In France, the use of the band 2310 - 2360 MHz by the aeronautical
WARC-92 mobile service for telemetry has priority over other uses by the mobile
service.
- ADD **751B** Space stations of the broadcasting-satellite service in the band 2310 -
WARC-92 2360 MHz operating in accordance with No. **750B** that may affect the
services to which this band is allocated in other countries shall be
coordinated and notified in accordance with Resolution **33 (WARC-79)**.
Complementary terrestrial broadcasting stations shall be subject to bilateral
coordination with neighbouring countries prior to their bringing into use.

MOD

MHz
2 483.5 – 2 500

Allocation to Services		
Region 1	Region 2	Region 3
2 483.5 – 2 500 FIXED MOBILE MOBILE-SATELLITE (space-to-Earth) Radiolocation 733F 752 753 753A 753B 753C 753F	2 483.5 – 2 500 FIXED MOBILE RADIODETERMINATION- SATELLITE (space-to-Earth) 753A RADIOLOCATION MOBILE-SATELLITE (space-to-Earth) 752 753D 753F	2 483.5 – 2 500 FIXED MOBILE RADIOLOCATION MOBILE-SATELLITE (space-to-Earth) Radiodetermination- Satellite (space-to-Earth) 753A 752 753C 753F

MOD 753 *Different category of service:* in France, the band 2 450 - 2 500 MHz is
 WARC-92 allocated on a primary basis to the radiolocation service (see No. 425).
 Such use is subject to agreement with administrations having services
 operating or planned to operate in accordance with the Table of Frequency
 Allocations which may be affected.

MOD 753C *Different category of service:* in Angola, Australia, Bangladesh,
 WARC-92 Burundi, China, Côte d'Ivoire, Ethiopia, India, the Islamic Republic of Iran,
 Israel, Italy, Jordan, Kenya, Lebanon, Liberia, Libya, Madagascar, Mali,
 Pakistan, Papua New Guinea, Senegal, Sudan, Swaziland, Syria, Tanzania,
 Thailand, Togo, Zaire and Zambia, the allocation of the band 2 483.5 -
 2 500 MHz to the radiodetermination-satellite service (space-to-Earth) is on
 a primary basis (see No. 425) subject to agreement obtained under the
 procedure of Article 14 with other countries not listed in this provision.

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SUP **753E**
WARC-92

ADD **753F** The use of the band 2 483.5 - 2 500 MHz by the mobile-satellite and the
WARC-92 radiodetermination-satellite services is subject to the application of the
coordination and notification procedures set forth in Resolution **46**
(WARC-92). Coordination of space stations of the mobile-satellite and
radiodetermination-satellite services with respect to terrestrial services is
required only if the power flux-density produced at the Earth's surface
exceeds the limits in No. **2566**. In respect of assignments operating in this
band, the provisions of Section II, paragraph 2.2 of Resolution **46**
(WARC-92) shall also be applied to geostationary transmitting space
stations with respect to terrestrial stations.

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MOD

MHz
2 500 – 2 520

Allocation to Services		
Region 1	Region 2	Region 3
2 500 – 2 520 FIXED 762 763 764 MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) 754 754B 755A 756 759 760A	2 500 – 2 520 FIXED 762 764 FIXED-SATELLITE (space-to-Earth) 761 MOBILE except aeronautical mobile MOBILE-SATELLITE (space-to-Earth) 754 754A 755 755A 760A	

MOD 754

WARC-92

Subject to agreement obtained under the procedure set forth in Article 14, the band 2 520 - 2 535 MHz (until 1 January 2005 the band 2 500 - 2 535 MHz) may also be used for the mobile-satellite (space-to-Earth), except aeronautical mobile-satellite, service for operation limited to within national boundaries. The coordination and notification procedures set forth in Resolution 46 (WARC-92) apply. However, coordination of space stations of the mobile-satellite service with respect to terrestrial services is required only if the power flux-density produced by the station exceeds the limits in No. 2566.

ADD 754B

WARC-92

Additional allocation: in France, the band 2 500 - 2 550 MHz is also allocated to the radiolocation service on a primary basis. Such use is subject to agreement with the administrations having services operating or planned to operate in accordance with the Table of Frequency Allocations which may be affected.

Art. 8

- ADD **755A** In the band 2 500 - 2 520 MHz, the power flux-density at the surface of
WARC-92 the Earth from space stations operating in the mobile-satellite (space-to-Earth) service shall not exceed $-152 \text{ dB(W/m}^2/4 \text{ kHz)}$ in Argentina, unless otherwise agreed by the administrations concerned.
- ADD **760A** The allocation of the frequency band 2 500 - 2 520 MHz to the
WARC-92 mobile-satellite service (space-to-Earth) shall be effective on 1 January 2005 and is subject to the application of the coordination and notification procedures set forth in Resolution **46 (WARC-92)**. Coordination of space stations of the mobile-satellite service with respect to terrestrial services is required only if the power flux-density produced at the Earth's surface exceeds the limits in No. **2566**. In respect of assignments operating in this band, the provisions of Section II, paragraph 2.2 of Resolution **46 (WARC-92)** shall also be applied to geostationary transmitting space stations with respect to terrestrial stations.

MOD

MHz
2 520 – 2 655

Allocation to Services		
Region 1	Region 2	Region 3
2 520 – 2 655 FIXED 762 763 764 MOBILE except aeronautical mobile BROADCASTING- SATELLITE 757 760 720 754 754B 756 757A 758 759	2 520 – 2 655 FIXED 762 764 FIXED-SATELLITE (space-to-Earth) 761 MOBILE except aeronautical mobile BROADCASTING- SATELLITE 757 760 720 754 755	2 520 – 2 535 FIXED 762 764 FIXED-SATELLITE (space-to-Earth) 761 MOBILE except aeronautical mobile BROADCASTING- SATELLITE 757 760 754 2 535 – 2 655 FIXED 762 764 MOBILE except aeronautical mobile BROADCASTING- SATELLITE 757 760 720 757A

MOD 757 The use of the band 2 520 - 2 670 MHz by the broadcasting-satellite
 WARC-92 service is limited to national and regional systems for community reception
 and such use shall be subject to agreement obtained under the procedure set
 forth in Article 14. The power flux-density at the Earth's surface shall not
 exceed the values given in Nos. 2561 to 2564.

Art. 8

- ADD 757A *Additional allocation:* in Bangladesh, Belarus, China, the Republic of
WARC-92 Korea, the Russian Federation, India, Japan, Pakistan, Singapore, Sri Lanka, Thailand and Ukraine, the band 2 535 - 2 655 MHz is also allocated to the broadcasting-satellite service (sound) and complementary terrestrial broadcasting service on a primary basis. Such use is limited to digital audio broadcasting and is subject to provisions of Resolution 528 (WARC-92). The provisions of Nos. 757 and 2561 to 2564 do not apply to this additional allocation.
- MOD 758 *Alternative allocation:* in the Federal Republic of Germany and Greece,
WARC-92 the band 2 520 - 2 670 MHz is allocated to the fixed service on a primary basis.

MOD

MHz
2 655 – 2 690

Allocation to Services		
Region 1	Region 2	Region 3
2 655 – 2 670 FIXED 762 763 764 MOBILE except aeronautical mobile BROADCASTING- SATELLITE 757 760 Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 758 759 765 766	2 655 – 2 670 FIXED 762 764 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 761 MOBILE except aeronautical mobile BROADCASTING- SATELLITE 757 760 Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 765 766	2 655 – 2 670 FIXED 762 764 FIXED-SATELLITE (Earth-to-space) 761 MOBILE except aeronautical mobile BROADCASTING- SATELLITE 757 760 Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 765 766
2 670 – 2 690 FIXED 762 763 764 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 764A 765 766	2 670 – 2 690 FIXED 762 764 FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 761 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 764A 765 766	2 670 – 2 690 FIXED 762 764 FIXED-SATELLITE (Earth-to-space) 761 MOBILE except aeronautical mobile MOBILE-SATELLITE (Earth-to-space) Earth Exploration-Satellite (passive) Radio Astronomy Space Research (passive) 764A 765 766

Art. 8

- ADD **764A** The allocation of the frequency band 2 670 - 2 690 MHz to the mobile-
WARC-92 satellite service shall be effective from 1 January 2005. When introducing
mobile-satellite systems in this band administrations shall take all
necessary steps to protect the satellite systems operating in this band prior
to 3 March 1992. The coordination of mobile-satellite systems in the band
shall be in accordance with Resolution **46 (WARC-92)**.
- MOD **766** Subject to agreement obtained under the procedure set forth in
WARC-92 Article **14**, the band 2 655 - 2 670 MHz (until 1 January 2005 the band
2 655 - 2 690 MHz) may also be used for the mobile-satellite (Earth-to-
space), except aeronautical mobile-satellite, service for operation limited to
within national boundaries. The coordination and notification procedures
set forth in Resolution **46 (WARC-92)** apply.

MOD

GHz
13.75 – 14

Allocation to Services		
Region 1	Region 2	Region 3
13.75 – 14	RADIOLOCATION FIXE-SATELLITE (Earth-to-space) Standard Frequency and Time Signal-Satellite (Earth-to-space) Space Research 713 853 854 855 855A 855B	

ADD 855A In the band 13.75 - 14 GHz, the e.i.r.p. of any emission from an earth station in the fixed-satellite service shall be at least 68 dBW, and should not exceed 85 dBW, with a minimum antenna diameter of 4.5 metres. In addition the e.i.r.p., averaged over one second, radiated by a station in the radiolocation and radionavigation services towards the geostationary-satellite orbit shall not exceed 59 dBW. These values shall apply subject to review by the CCIR and until they are changed by a future competent world administrative radio conference (see Resolution **112 (WARC-92)**).

ADD 855B In the band 13.75 - 14 GHz geostationary space stations in the space research service, for which information for advance publication has been received by the IFRB prior to 31 January 1992, shall operate on an equal basis with stations in the fixed-satellite service; after that date new geostationary space stations in the space research service will operate on a secondary basis. Until 1 January 2000, stations in the fixed-satellite service shall not cause harmful interference to non-geostationary space stations in the space research and Earth exploration-satellite services; after that date these non-geostationary space stations will operate on a secondary basis in relation to the fixed-satellite service.

Art. 8

MOD

GHz
17.3 – 18.1

Allocation to Services		
Region 1	Region 2	Region 3
17.3 – 17.7 FIXED-SATELLITE (Earth-to-space) 869 Radiolocation 868	17.3 – 17.7 FIXED-SATELLITE (Earth-to-space) 869 BROADCASTING-SATELLITE Radiolocation 868 868A 869A	17.3 – 17.7 FIXED-SATELLITE (Earth-to-space) 869 Radiolocation 868
17.7 – 18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869 MOBILE	17.7 – 17.8 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869 BROADCASTING-SATELLITE Mobile 869B 868A 869A 17.8 – 18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869 MOBILE	17.7 – 18.1 FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 869 MOBILE

ADD **868A** In the band 17.3 - 17.8 GHz, sharing between the fixed-satellite service WARC-92 (Earth-to-space) and the broadcasting-satellite service shall also be in accordance with the provisions of section 1 of Annex 4 of Appendix 30A.

Art. 8

- ADD **869A** In Region 2, the allocation to the broadcasting-satellite service in the **WARC-92** band 17.3 - 17.8 GHz shall come into effect on 1 April 2007. After that date, use of the fixed-satellite (space-to-Earth) service in the band 17.7 - 17.8 GHz shall not claim protection from and shall not cause harmful interference to operating systems in the broadcasting-satellite service.
- ADD **869B** In Region 2, the allocation of the band 17.7 - 17.8 GHz to the mobile **WARC-92** service is on a primary basis until 31 March 2007.

Art. 8

MOD

GHz
18.1 – 18.6

Allocation to Services		
Region 1	Region 2	Region 3
18.1 – 18.4	FIXED FIXED-SATELLITE (space-to-Earth) (Earth-to-space) 870A MOBILE 870 870B	
18.4 – 18.6	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	

ADD **870A** The use of the band 18.1 - 18.4 GHz by the fixed-satellite service WARC-92 (Earth-to-space) is limited to feeder links for the broadcasting-satellite service.

ADD **870B** *Alternative allocation:* in the Federal Republic of Germany, Denmark, WARC-92 the United Arab Emirates, Greece, Poland, the Czech and Slovak Federal Republic and the United Kingdom, the band 18.1 - 18.4 GHz is allocated to the fixed, fixed-satellite (space-to-Earth) and mobile services on a primary basis. The provisions of No. 870 also apply.

MOD

GHz
19.7 – 20.2

Allocation to Services		
Region 1	Region 2	Region 3
19.7 – 20.1 FIXED-SATELLITE (space-to-Earth) Mobile-Satellite (space-to-Earth) 873	19.7 – 20.1 FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 873 873A 873B 873C 873D 873E	19.7 – 20.1 FIXED-SATELLITE (space-to-Earth) Mobile-Satellite (space-to-Earth) 873
20.1 – 20.2	FIXED-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 873 873A 873B 873C 873D	

MOD **873** *Additional allocation:* in Afghanistan, Algeria, Angola, Saudi Arabia, WARC-92 Bahrain, Bangladesh, Brazil, Brunei Darussalam, Cameroon, China, the Congo, the Republic of Korea, Costa Rica, Egypt, the United Arab Emirates, Gabon, Guatemala, Guinea, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kenya, Kuwait, Lebanon, Malaysia, Mali, Morocco, Mauritania, Nepal, Niger, Nigeria, Oman, Pakistan, the Philippines, Qatar, Syria, Singapore, Somalia, Sudan, Sri Lanka, Tanzania, Chad, Thailand, Togo, Tunisia and Zaire, the band 19.7 - 21.2 GHz is also allocated to the fixed and mobile services on a primary basis. This additional use shall not impose any limitation on the power flux-density of space stations in the fixed-satellite service in the band 19.7 - 21.2 GHz and of space stations in the mobile-satellite service in the band 19.7 - 20.2 GHz where such allocation to the mobile-satellite service is on a primary basis in the latter band.

ADD **873A** In order to facilitate interregional coordination between networks in the WARC-92 mobile-satellite and fixed-satellite services, carriers in the mobile-satellite service that are most susceptible to interference shall, to the extent practicable, be located in the higher parts of the bands 19.7 - 20.2 GHz and 29.5 - 30 GHz.

Art. 8

- ADD **873B** In the bands 19.7 - 20.2 GHz and 29.5 - 30 GHz in Region 2, and in the WARC-92 bands 20.1 - 20.2 GHz and 29.9 - 30 GHz in Regions 1 and 3, networks which are both in the fixed-satellite service and in the mobile-satellite service may include links between earth stations at specified or unspecified points or while in motion, through one or more satellites for point-to-point and point-to-multipoint communications.
- ADD **873C** In the bands 19.7 - 20.2 GHz and 29.5 - 30 GHz, the provisions of WARC-92 No. 953 do not apply with respect to the mobile-satellite service.
- AI **873D** The allocation to the mobile-satellite service is intended for use by WARC-92 networks which use narrow spot-beam antennas and other advanced technology at the space stations. Administrations operating systems in the mobile-satellite service in the band 19.7 - 20.1 GHz in Region 2 and in the band 20.1 - 20.2 GHz shall take all practicable steps to ensure the continued availability of these bands for administrations operating fixed and mobile systems in accordance with the provisions of No. 873.
- ADD **873E** The use of the bands 19.7 - 20.1 GHz and 29.5 - 29.9 GHz by the WARC-92 mobile-satellite service in Region 2 is limited to satellite networks which are both in the fixed-satellite service and in the mobile-satellite service as described in No. 873B.

Art. 8

MOD

GHz
21.4 – 22

Allocation to Services		
Region 1	Region 2	Region 3
21.4 - 22 FIXED MOBILE BROADCASTING- SATELLITE 873F	21.4 - 22 FIXED MOBILE	21.4 - 22 FIXED MOBILE BROADCASTING- SATELLITE 873F 873G

ADD **873F** In Regions 1 and 3, the allocation to the broadcasting-satellite service in WARC-92 the band 21.4 - 22 GHz shall come into effect on 1 April 2007. The use of this band by the broadcasting-satellite service after that date and on an interim basis prior to that date is subject to the provisions of Resolution 525 (WARC-92).

ADD **873G** *Additional allocation:* in Japan, the band 21.4 - 22 GHz is also allocated WARC-92 to the broadcasting service on a primary basis.

Art. 8

MOD

GHz
22.5 – 23

Allocation to Services		
Region 1	Region 2	Region 3
22.5 – 22.55	FIXED MOBILE	
22.55 – 23	FIXED INTER-SATELLITE MOBILE 879	

SUP 877
WARC-92

SUP 878
WARC-92

MOD

GHz
24.25 – 25.25

Allocation to Services		
Region 1	Region 2	Region 3
24.25 – 24.45 FIXED	24.25 – 24.45 RADIONAVIGATION	24.25 – 24.45 RADIONAVIGATION FIXED MOBILE
24.45 – 24.65 FIXED INTER-SATELLITE	24.45 – 24.65 RADIONAVIGATION INTER-SATELLITE 882E	24.45 – 24.65 RADIONAVIGATION FIXED INTER-SATELLITE MOBILE 882E
24.65 – 24.75 FIXED INTER-SATELLITE	24.65 – 24.75 INTER-SATELLITE RADIOLOCATION- SATELLITE (Earth-to-space)	24.65 – 24.75 FIXED INTER-SATELLITE MOBILE 882E 882F
24.75 – 25.25 FIXED	24.75 – 25.25 FIXED-SATELLITE (Earth-to-space) 882G	24.75 – 25.25 FIXED FIXED-SATELLITE (Earth-to-space) 882G MOBILE 882F

Art. 8

- ADD **882E** The inter-satellite service shall not claim protection from harmful WARC-92 interference from airport surface detection equipment stations of the radionavigation service.
- ADD **882F** *Additional allocation:* in Japan, the band 24.65 - 25.25 GHz is also WARC-92 allocated to the radionavigation service on a primary basis until 2008.
- ADD **882G** In the band 24.75 - 25.25 GHz, feeder links to stations of the WARC-92 broadcasting-satellite service shall have priority over other uses in the fixed-satellite service (Earth-to-space). Such other uses shall protect and shall not claim protection from existing and future operating feeder-link networks to such broadcasting satellite stations.

MOD

GHz
25.25 – 29.5

Allocation to Services		
Region 1	Region 2	Region 3
25.25 – 25.5	FIXED MOBILE INTER-SATELLITE 881A Standard Frequency and Time Signal-Satellite (Earth-to-space)	
25.5 – 27	FIXED MOBILE INTER-SATELLITE 881A Earth Exploration-Satellite (space-to-Earth) Standard Frequency and Time Signal-Satellite (Earth-to-space)	
27 – 27.5 FIXED MOBILE INTER-SATELLITE 881A	27 – 27.5 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE INTER-SATELLITE 881A 881B	
27.5 – 28.5	FIXED FIXED-SATELLITE (Earth-to-space) 882D MOBILE 882A 882B	
28.5 – 29.5	FIXED FIXED-SATELLITE (Earth-to-space) 882D MOBILE Earth Exploration-Satellite (Earth-to-space) 882C 882B	

Art. 8

- ADD **881A** Use of the 25.25 - 27.5 GHz band by the inter-satellite service is limited **WARC-92** to space research and Earth exploration-satellite applications, and also transmissions of data originating from industrial and medical activities in space.
- ADD **881B** Space services using non-geostationary satellites operating in the **WARC-92** inter-satellite service in the band 27 - 27.5 GHz are exempt from the provisions of No. **2613**.

Art. 8

MOD

GHz
29.5 – 30

Allocation to Services		
Region 1	Region 2	Region 3
29.5 – 29.9 FIXED-SATELLITE (Earth-to-space) 882D Mobile-Satellite (Earth-to-space) Earth Exploration-Satellite (Earth-to-space) 882C 882B 883	29.5 – 29.9 FIXED-SATELLITE (Earth-to-space) 882D MOBILE-SATELLITE (Earth-to-space) Earth Exploration-Satellite (Earth-to-space) 882C 873A 873B 873C 873E 882B 883	29.5 – 29.9 FIXED-SATELLITE (Earth-to-space) 882D Mobile-Satellite (Earth-to-space) Earth Exploration-Satellite (Earth-to-space) 882C 882B 883
29.9 – 30	FIXED-SATELLITE (Earth-to-space) 882D MOBILE-SATELLITE (Earth-to-space) Earth Exploration-Satellite (Earth-to-space) 882C 873A 873B 873C 882 882A 882B 883	

ADD **882A** *Additional allocation:* the bands 27.500 - 27.501 GHz and 29.999 - WARC-92 30.000 GHz are also allocated to the fixed-satellite service (space-to-Earth) on a primary basis for the beacon transmissions intended for up link power control.

Such space-to-Earth transmissions shall not exceed an equivalent isotropically radiated power (e.i.r.p.) of +10 dBW in the direction of adjacent satellites on the geostationary-satellite orbit. In the band 27.500 - 27.501 GHz, such space-to-Earth transmissions shall not produce a power flux-density in excess of the values specified in No. 2578 on the Earth's surface.

ADD **882B** *Additional allocation:* the band 27.501 - 29.999 GHz is also allocated to WARC-92 the fixed-satellite service (space-to-Earth) on a secondary basis for beacon transmissions intended for up link power control.

Art. 8

- ADD **882C** In the band 28.5 - 30 GHz, the earth exploration-satellite service is limited to the transfer of data between stations and not to the primary collection of information by means of active or passive sensors.
- WARC-92
- ADD **882D** The band 27.5 - 30 GHz may be used by the fixed-satellite service (Earth-to-space) for the provision of feeder links for the broadcasting-satellite service.
- WARC-92
- MOD **883** *Additional allocation:* in Afghanistan, Algeria, Saudi Arabia, Bahrain, Bangladesh, Brunei Darussalam, Cameroon, China, the Congo, the Republic of Korea, Egypt, the United Arab Emirates, Ethiopia, Guinea, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kenya, Kuwait, Lebanon, Malaysia, Mali, Morocco, Mauritania, Nepal, Niger, Pakistan, Qatar, Syria, Singapore, Somalia, Sudan, Sri Lanka, Chad and Thailand, the band 29.5 - 31 GHz is also allocated to the fixed and mobile services on a secondary basis. The power limits specified in Nos. 2505 and 2508 shall apply.
- WARC-92

MOD

GHz
31.8 – 32.3

Allocation to Services		
Region 1	Region 2	Region 3
31.8 – 32	RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 892 893	
32 – 32.3	INTER-SATELLITE RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 892 893	

SUP **890**
WARC-92

SUP **891**
WARC-92

MOD **893** In designing systems for the inter-satellite and radionavigation services
 WARC-92 in the band 32 - 33 GHz, and for the space research service (deep space) in
 the band 31.8 - 32.3 GHz, administrations shall take all necessary measures
 to prevent harmful interference between these services, bearing in mind the
 safety aspects of the radionavigation service (see Recommendation **707**
(WARC-79)).

Art. 8

MOD

GHz
34.2 – 35.2

Allocation to Services		
Region 1	Region 2	Region 3
34.2 – 34.7	RADIOLOCATION SPACE RESEARCH (deep space) (Earth-to-space) 894	
34.7 – 35.2	RADIOLOCATION Space Research 896 894	

SUP 895
WARC-92

MOD 896 *Different category of service:* in Bulgaria, Cuba, Mongolia, the German Democratic Republic, Czechoslovakia and the U.S.S.R., the allocation of the band 34.7 - 35.2 GHz to the space research service is on a primary basis (see No. 425).

MOD

GHz
37 – 40.5

Allocation to Services		
Region 1	Region 2	Region 3
37 – 37.5	FIXED MOBILE SPACE RESEARCH (space-to-Earth)	
37.5 – 38	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE SPACE RESEARCH (space-to-Earth) Earth Exploration-Satellite (space-to-Earth)	
38 – 39.5	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE Earth Exploration-Satellite (space-to-Earth)	
39.5 – 40	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Earth Exploration-Satellite (space-to-Earth)	
40 – 40.5	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) SPACE RESEARCH (Earth-to-space) Earth Exploration-Satellite (space-to-Earth)	

SUP **899**
WARC-92

Art. 8

MOD

GHz
74 – 84

Allocation to Services		
Region 1	Region 2	Region 3
74 – 75.5	FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Space Research (space-to-Earth)	
75.5 – 76	AMATEUR AMATEUR-SATELLITE Space Research (space-to-Earth)	
76 – 81	RADIOLOCATION Amateur Amateur-Satellite Space Research (space-to-Earth) 912	
81 – 84	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE MOBILE-SATELLITE (space-to-Earth) Space Research (space-to-Earth)	

Art. 8

MOD

GHz
151 – 164

Allocation to Services		
Region 1	Region 2	Region 3
151 – 156	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	
156 – 158	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE EARTH EXPLORATION-SATELLITE (passive)	
158 – 164	FIXED FIXED-SATELLITE (space-to-Earth) MOBILE	

Art. 8

ARTICLE 8 (*continued*)

PART B*

Changes made to the footnotes only

- MOD 446 *Additional allocation:* in Bulgaria, the German Democratic Republic,
 WARC-92 Czechoslovakia and the U.S.S.R., the band 14 - 17 kHz is also allocated to
 the radionavigation service on a permitted basis.
- MOD 447 The stations of services to which the bands 14 - 19.95 kHz and 20.05 -
 WARC-92 70 kHz and in Region 1 also the bands 72 - 84 kHz and 86 - 90 kHz are
 allocated may transmit standard frequency and time signals. Such stations
 shall be afforded protection from harmful interference. In Bulgaria,
 Mongolia, Czechoslovakia and the U.S.S.R., the frequencies 25 kHz and
 50 kHz will be used for this purpose under the same conditions.
- MOD 449 *Additional allocation:* in Bulgaria, Poland, the German Democratic
 WARC-92 Republic, Czechoslovakia and the U.S.S.R., the band 67 - 70 kHz is also
 allocated to the radionavigation service on a permitted basis.
- MOD 457 *Additional allocation:* in Bulgaria, Mongolia, Poland, the German
 WARC-92 Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the band
 130 - 148.5 kHz is also allocated to the radionavigation service on a
 secondary basis. Within and between these countries this service shall have
 an equal right to operate.
- SUP 464A
 WARC-92
- SUP 475
 WARC-92

* *Note by the General Secretariat:* The changes are presented in
 the following order:

- Part A – Changes made to the tables and, if appropriate, to
 the related footnotes.
- Part B – Changes made to the footnotes only.

Art. 8

- SUP 481
WARC-92
- MOD 518 In Afghanistan, Argentina, Australia, Botswana, Burkina Faso, China,
WARC-92 India, Mali, Niger, Central African Republic, Chad and the U.S.S.R., in the
bands 4 063 - 4 123 kHz, 4 130 - 4 133 kHz and 4 408 - 4 438 kHz, stations
of limited power in the fixed service which are situated at least 600 km
from the coast may operate on condition that harmful interference is not
caused to the maritime mobile service.
- SUP 532
WARC-92
- SUP 537
WARC-92
- SUP 543
WARC-92
- SUP 544
WARC-92
- SUP 551
WARC-92
- MOD 555 *Additional allocation:* in Angola, Cameroon, the Congo, Madagascar,
WARC-92 Mozambique, Somalia, Sudan, Tanzania and Chad, the band 47 - 68 MHz is
also allocated to the fixed and mobile, except aeronautical mobile, services
on a permitted basis.
- SUP 569
WARC-92
- MOD 571 *Additional allocation:* in Bulgaria, China, Mongolia, Poland,
WARC-92 Czechoslovakia and the U.S.S.R., the bands 74.6 - 74.8 MHz and 75.2 -
75.4 MHz are also allocated to the aeronautical radionavigation service, on
a primary basis, for ground-based transmitters only.
- MOD 572 The frequency 75 MHz is assigned to marker beacons. Administrations
WARC-92 shall refrain from assigning frequencies close to the limits of the guardband
to stations of other services which, because of their power or geographical
position, might cause harmful interference or otherwise place a constraint
on marker beacons.

Every effort should be made to improve further the characteristics of
airborne receivers and to limit the power of transmitting stations close to
the limits 74.8 MHz and 75.2 MHz.

Art. 8

- MOD 581 *Additional allocation:* in the Federal Republic of Germany, France,
 WARC-92 Ireland, Israel, Italy, Liechtenstein, Monaco, the United Kingdom and
 Switzerland, the band 87.5 - 88 MHz is also allocated to the land mobile
 service on a permitted basis and subject to agreement obtained under the
 procedure set forth in Article 14.
- SUP 582
 WARC-92
- MOD 587 *Additional allocation:* in Bulgaria, Israel, Kenya, Lebanon, Mongolia,
 WARC-92 the German Democratic Republic, the United Kingdom, Somalia, Syria,
 Czechoslovakia, Turkey and the U.S.S.R., the band 104 - 108 MHz is also
 allocated to the mobile, except aeronautical mobile (R), service on a
 permitted basis until 31 December 1995 and, thereafter, on a secondary
 basis.
- MOD 596 *Different category of service:* in Afghanistan, Saudi Arabia, Bahrain,
 WARC-92 Bangladesh, Brunei Darussalam, China, Cuba, the United Arab Emirates,
 India, Indonesia, Iran, Iraq, Malaysia, Oman, Pakistan, Philippines, Qatar,
 Singapore, Sri Lanka, Thailand, Yemen and Yugoslavia, the band
 137 - 138 MHz is allocated to the fixed and mobile, except aeronautical
 mobile (R), services on a primary basis (see No. 425).
- MOD 597 *Different category of service:* in Israel and Jordan, the allocation of the
 WARC-92 band 137 - 138 MHz to the fixed and mobile, except aeronautical mobile,
 services is on a primary basis (see No. 425).
- MOD 598 *Different category of service:* in Austria, Bulgaria, Egypt, Finland,
 WARC-92 France, Greece, Hungary, the Lebanon, Mongolia, Poland, the German
 Democratic Republic, Romania, Syria, Czechoslovakia and the U.S.S.R.,
 the allocation of the band 137 - 138 MHz to the aeronautical mobile (OR)
 service is on a primary basis (see No. 425).
- MOD 604 *Additional allocation:* in Ethiopia, Finland, Kenya, Malta, Somalia,
 WARC-92 Sudan, Tanzania and Yugoslavia, the band 138 - 144 MHz is also allocated
 to the fixed service on a primary basis.
- SUP 612
 WARC-92
- SUP 614
 WARC-92

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- MOD 621 *Additional allocation:* in the Federal Republic of Germany, Austria,
 WARC-92 Belgium, Denmark, Spain, Finland, France, Israel, Italy, Liechtenstein,
 Malta, Monaco, Norway, the Netherlands, the United Kingdom, Sweden
 and Switzerland, the band 174 - 223 MHz is also allocated to the land
 mobile service on a permitted basis. However, the stations of the land
 mobile service shall not cause harmful interference to, or claim protection
 from, broadcasting stations, existing or planned, in countries other than
 those listed in this footnote.
- MOD 622 *Different category of service:* in the Federal Republic of Germany,
 WARC-92 Austria, Belgium, Denmark, Spain, Finland, France, Israel, Italy,
 Liechtenstein, Luxembourg, Malta, Monaco, Norway, the Netherlands,
 Portugal, the United Kingdom, Sweden and Switzerland, the band 223 -
 230 MHz is allocated to the land mobile service on a permitted basis (see
 No. 425). However, the stations of the land mobile service shall not cause
 harmful interference to, or claim protection from, broadcasting stations,
 existing or planned, in countries other than those listed in this footnote.
- MOD 627 In Region 2, no new stations in the radiolocation service may be
 WARC-92 authorized in the band 216 - 225 MHz. Stations authorized prior to
 1 January 1990 may continue to operate on a secondary basis.
- SUP 633
 WARC-92
- SUP 634
 WARC-92
- MOD 635 *Alternative allocation:* in Botswana, Lesotho, Malawi, Mozambique,
 WARC-92 Namibia, South Africa, Swaziland, Zambia and Zimbabwe, the bands 223 -
 238 MHz and 246 - 254 MHz are allocated to the broadcasting service on a
 primary basis, subject to agreement obtained under the procedure set forth
 in Article 14.
- MOD 647 *Additional allocation:* in Afghanistan, Saudi Arabia, Bahrain, Bulgaria,
 WARC-92 Colombia, Costa Rica, Cuba, Egypt, the United Arab Emirates, Ecuador,
 Hungary, Indonesia, Iran, Iraq, Israel, Jordan, Kuwait, Liberia, Malaysia,
 Nigeria, Oman, Pakistan, the Philippines, Poland, Qatar, Syria, the German
 Democratic Republic, Romania, Singapore, Somalia, Sri Lanka,
 Czechoslovakia, Thailand, the U.S.S.R. and Yugoslavia, the band 400.05 -
 401 MHz is also allocated to the fixed and mobile services on a primary
 basis.

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- MOD 658 *Additional allocation:* in Afghanistan, Algeria, Saudi Arabia, Bahrain,
 WARC-92 Bangladesh, Brunei Darussalam, Burkina Faso, Burundi, Egypt, the United Arab Emirates, Ecuador, Ethiopia, Greece, Guinea, India, Indonesia, Iran, Iraq, Israel, Italy, Jordan, Kenya, Kuwait, the Lebanon, Libya, Liechtenstein, Malaysia, Malta, Nigeria, Oman, Pakistan, the Philippines, Qatar, Syria, Singapore, Somalia, Switzerland, Tanzania, Thailand, Togo, Turkey and Yemen, the band 430 - 440 MHz is also allocated to the fixed service on a primary basis and the bands 430 - 435 MHz and 438 - 440 MHz are also allocated to the mobile, except aeronautical mobile, service on a primary basis.
- MOD 659 *Additional allocation:* in Angola, Bulgaria, Cameroon, the Congo,
 WARC-92 Djibouti, Gabon, Hungary, Malawi, Mali, Mongolia, Niger, Pakistan, Poland, the German Democratic Republic, Dem. People's Rep. of Korea, Romania, Rwanda, Chad, Czechoslovakia and the U.S.S.R., the band 430 - 440 MHz is also allocated to the fixed service on a primary basis.
- MOD 663 *Additional allocation:* in the French Overseas Departments in Region 2
 WARC-92 and India, the band 433.75 - 434.25 MHz is also allocated to the space operation service (Earth-to-space) on a primary basis. In France and in Brazil, the band is allocated to the same service on a secondary basis.
- MOD 672 *Different category of service:* in Afghanistan, Bulgaria, China, Cuba,
 WARC-92 Japan, Mongolia, Poland, Czechoslovakia and the U.S.S.R., the allocation of the band 460 - 470 MHz to the meteorological-satellite service (space-to-Earth) is on a primary basis (see No. 425) and is subject to agreement obtained under the procedure set forth in Article 14.
- MOD 675 *Different category of service:* in Chile, Colombia, Cuba, Ecuador, the
 WARC-92 United States, Guyana, Honduras, Jamaica, Mexico and Panama, the allocation of the bands 470 - 512 MHz and 614 - 806 MHz to the fixed and mobile services is on a primary basis (see No. 425), subject to agreement obtained under the procedure set forth in Article 14.
- MOD 676 *Additional allocation:* in Burundi, Cameroon, the Congo, Ethiopia,
 WARC-92 Israel, Kenya, Lebanon, Libya, Malawi, Senegal, Sudan, Syria and Yemen, the band 470 - 582 MHz is also allocated to the fixed service on a secondary basis.
- MOD 678 *Additional allocation:* in Costa Rica, Cuba, El Salvador, Ecuador, the
 WARC-92 United States, Guatemala, Guyana, Honduras, Jamaica, Mexico and Venezuela, the band 512 - 608 MHz is also allocated to the fixed and mobile services on a primary basis, subject to agreement obtained under the procedure set forth in Article 14.

- SUP **682**
WARC-92
- MOD **697** *Additional allocation:* in the Federal Republic of Germany, Burkina Faso, Cameroon, Côte d'Ivoire, Denmark, Egypt, Finland, Israel, Kenya, Libya, Liechtenstein, Monaco, Norway, the Netherlands, Portugal, Sweden, Switzerland and Yugoslavia, the band 790 - 830 MHz, and in these same countries and in Spain, France, Malta, the Gabonese Republic and Syria, the band 830 - 862 MHz, are also allocated to the mobile, except aeronautical mobile, service on a primary basis. However, stations of the mobile service in the countries mentioned in connection with each band referred to in this footnote shall not cause harmful interference to, or claim protection from, stations of services operating in accordance with the Table in countries other than those mentioned in connection with the band.
- MOD **703** In Region 1, in the band 862 - 960 MHz, stations of the broadcasting service shall be operated only in the African Broadcasting Area (see Nos. **400** to **403**) excluding Algeria, Egypt, Spain, Libya and Morocco, subject to agreement obtained under the procedure set forth in Article 14.
- MOD **719** In Bulgaria, Mongolia, Poland, the German Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the existing installations of the radionavigation service may continue to operate in the band 1350 - 1400 MHz.
- MOD **724** *Different category of service:* in Afghanistan, Saudi Arabia, Bahrain, Bulgaria, Cameroon, Egypt, the United Arab Emirates, France, Iran, Iraq, Israel, Kuwait, the Lebanon, Morocco, Mongolia, Oman, Poland, Qatar, Syria, the German Democratic Republic, Romania, Czechoslovakia, the U.S.S.R., Yemen and Yugoslavia, the allocation of the band 1525 - 1530 MHz to the mobile, except aeronautical mobile, service is on a primary basis (see No. **425**).
- MOD **730** *Additional allocation:* in the Federal Republic of Germany, Austria, Bulgaria, Cameroon, Spain, France, Guinea, Hungary, Indonesia, Libya, Mali, Mongolia, Nigeria, Poland, the German Democratic Republic, Romania, Senegal, Tanzania, Czechoslovakia and the U.S.S.R., the bands 1550 - 1645.5 MHz and 1646.5 - 1660 MHz are also allocated to the fixed service on a primary basis.
- MOD **746** *Additional allocation:* in Bulgaria, Cuba, Mali, Mongolia, Poland, the German Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the band 1770 - 1790 MHz is also allocated to the meteorological-satellite service on a primary basis, subject to agreement obtained under the procedure set forth in Article 14.

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- MOD 769 *Additional allocation:* in Afghanistan, Saudi Arabia, Bahrain, Bulgaria,
 WARC-92 Brunei Darussalam, Cameroon, the Central African Republic, the Congo, Côte d'Ivoire, Cuba, Egypt, the United Arab Emirates, Ethiopia, Gabon, Guinea, Guinea-Bissau, Iran, Iraq, Israel, Jordan, the Lebanon, Malaysia, Malawi, Mali, Morocco, Mauritania, Mongolia, Nigeria, Oman, Pakistan, the Philippines, Poland, Qatar, Syria, the German Democratic Republic, Romania, Singapore, Somalia, Sri Lanka, Czechoslovakia, Thailand, Tunisia, the U.S.S.R., Yemen, Yugoslavia, Zaire and Zambia, the band 2690 - 2700 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis. Such use is limited to equipment in operation by 1 January 1985.
- MOD 777 *Additional allocation:* in Bulgaria, Canada, Cuba, Mongolia, Poland,
 WARC-92 the German Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the band 3100 - 3300 MHz is also allocated to the radio-navigation service on a primary basis.
- MOD 779 *Additional allocation:* in Afghanistan, Saudi Arabia, Bahrain,
 WARC-92 Bangladesh, Brunei Darussalam, China, the Congo, the United Arab Emirates, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kuwait, the Lebanon, Libya, Malaysia, Oman, Pakistan, Qatar, Dem People's Rep. of Korea, Syria, Singapore, Sri Lanka, Thailand and Yemen, the band 3300 - 3400 MHz is also allocated to the fixed and mobile services on a primary basis. The countries bordering the Mediterranean shall not claim protection for their fixed and mobile services from the radiolocation service.
- MOD 780 *Additional allocation:* in Bulgaria, Cuba, Mongolia, Poland, the
 WARC-92 German Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the band 3300 - 3400 MHz is also allocated to the radionavigation service on a primary basis.
- SUP 782
 WARC-92
- MOD 797B *Additional allocation:* in the Federal Republic of Germany, Austria,
 WARC-92 Belgium, Denmark, Spain, France, Finland, Greece, Israel, Italy, Japan, Jordan, Lebanon, Liechtenstein, Luxembourg, Malta, Morocco, Norway, Pakistan, the Netherlands, Portugal, the United Kingdom, Sweden, Switzerland, Syria and Tunisia, the band 5150 - 5250 MHz is also allocated to the mobile service, on a primary basis, subject to the agreement obtained under the procedure set forth in Article 14.
- MOD 798 *Additional allocation:* in Austria, Bulgaria, Libya, Mongolia, Poland,
 WARC-92 the German Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the band 5250 - 5350 MHz is also allocated to the radionavigation service on a primary basis.

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- MOD 800 *Additional allocation:* in Afghanistan, Austria, Bulgaria, Iran,
 WARC-92 Mongolia, Poland, the German Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the band 5 470 - 5 650 MHz is also allocated to the aeronautical radionavigation service on a primary basis.
- MOD 803 *Additional allocation:* in Afghanistan, Saudi Arabia, Bahrain,
 WARC-92 Bangladesh, Brunei Darussalam, Cameroon, the Central African Republic, China, the Congo, the Republic of Korea, Egypt, the United Arab Emirates, Gabon, Guinea, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kuwait, the Lebanon, Libya, Madagascar, Malaysia, Malawi, Niger, Nigeria, Oman, Pakistan, the Philippines, Qatar, Dem. People's Rep. of Korea, Syria, Singapore, Sri Lanka, Swaziland, Tanzania, Chad, Thailand and Yemen, the band 5 650 - 5 850 MHz is also allocated to the fixed and mobile services on a primary basis.
- MOD 804 *Different category of service:* in Bulgaria, Cuba, Mongolia, Poland, the
 WARC-92 German Democratic Republic, Czechoslovakia and the U.S.S.R., the allocation of the band 5 670 - 5 725 MHz to the space research service is on a primary basis (see No. 425).
- MOD 819 *Additional allocation:* in Saudi Arabia, Bahrain, Bangladesh,
 WARC-92 Brunei Darussalam, Burundi, Cameroon, China, the Congo, Costa Rica, Egypt, the United Arab Emirates, Gabon, Guinea, Guyana, Indonesia, Iran, Iraq, Israel, Jamaica, Jordan, Kuwait, Lebanon, Libya, Malaysia, Mali, Morocco, Mauritania, Nepal, Niger, Nigeria, Oman, Pakistan, Qatar, Dem. People's Rep. of Korea, Syria, Senegal, Singapore, Somalia, Sri Lanka, Swaziland, Tanzania, Chad, Thailand, Togo, Tunisia and Yemen, the band 8 500 - 8 750 MHz is also allocated to the fixed and mobile services on a primary basis.
- MOD 826 *Different category of service:* in Afghanistan, Algeria, Saudi Arabia,
 WARC-92 Austria, Bahrain, Bangladesh, Brunei Darussalam, Cameroon, the Republic of Korea, Egypt, the United Arab Emirates, Ethiopia, Guyana, India, Indonesia, Iran, Iraq, Israel, Jamaica, Japan, Jordan, Kuwait, the Lebanon, Liberia, Malaysia, Nigeria, Oman, Pakistan, Qatar, Singapore, Somalia, Sudan, Sri Lanka, Sweden, Thailand, Trinidad and Tobago, and Yemen, the allocation of the band 9 800 - 10 000 MHz to the fixed service is on a primary basis (see No. 425).
- MOD 830 *Additional allocation:* in the Federal Republic of Germany, Angola,
 WARC-92 China, Ecuador, Spain, Japan, Kenya, Morocco, Nigeria, Dem. People's Rep. of Korea, Sweden, Tanzania and Thailand, the band 10.45 - 10.5 GHz is also allocated to the fixed and mobile services on a primary basis.

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- MOD 834 *Additional allocation:* in Saudi Arabia, Bahrain, Bulgaria, Cameroon,
 WARC-92 China, Colombia, the Republic of Korea, Costa Rica, Cuba, Egypt, the
 United Arab Emirates, Ecuador, Iran, Iraq, Israel, Japan, Jordan, Kuwait,
 the Lebanon, Mongolia, Pakistan, Poland, Qatar, the German Democratic
 Republic, Dem. People's Rep. of Korea, Romania, Czechoslovakia, the
 U.S.S.R., Yemen and Yugoslavia, the band 10.68 - 10.7 GHz is also
 allocated to the fixed and mobile, except aeronautical mobile, services on a
 primary basis. Such use is limited to equipment in operation by
 1 January 1985.
- MOD 850 *Additional allocation:* in Austria, Bulgaria, Hungary, the German
 WARC-92 Democratic Republic, Czechoslovakia and the U.S.S.R., the band 12.5 -
 12.75 GHz is also allocated to the fixed service and the mobile, except
 aeronautical mobile, service on a primary basis. However, stations in these
 services shall not cause harmful interference to fixed-satellite service earth
 stations of countries in Region 1 other than those mentioned in this
 footnote. Coordination of these earth stations is not required with stations
 of the fixed and mobile services of the countries mentioned in this footnote.
 The power flux-density limit at the Earth's surface given in No. 2574 for the
 fixed-satellite service shall apply on the territory of the countries mentioned
 in this footnote.
- MOD 854 *Additional allocation:* in Afghanistan, Algeria, Angola, Saudi Arabia,
 WARC-92 Bahrain, Brunei Darussalam, Cameroon, the Republic of Korea, Egypt, the
 United Arab Emirates, Finland, Gabon, Guinea, Indonesia, Iran, Iraq, Israel,
 Jordan, Kuwait, the Lebanon, Madagascar, Malaysia, Malawi, Mali, Malta,
 Morocco, Mauritania, Niger, Nigeria, Pakistan, Qatar, Syria, Senegal,
 Singapore, Sudan, Sri Lanka, Sweden, Chad, Thailand and Tunisia, the
 band 13.4 - 14 GHz is also allocated to the fixed and mobile services on a
 primary basis.
- MOD 855 *Additional allocation:* in Austria, Bulgaria, Hungary, Japan, Mongolia,
 WARC-92 the German Democratic Republic, Romania, the United Kingdom,
 Czechoslovakia and the U.S.S.R., the band 13.4 - 14 GHz is also allocated
 to the radionavigation service on a primary basis.
- MOD 857 *Additional allocation:* in Afghanistan, Algeria, Angola, Saudi Arabia,
 WARC-92 Australia, Bahrain, Bangladesh, Botswana, Brunei Darussalam, Cameroon,
 China, the Congo, the Republic of Korea, Egypt, the United Arab Emirates,
 Gabon, Guatemala, Guinea, India, Indonesia, Iran, Iraq, Israel, Japan,
 Jordan, Kenya, Kuwait, Lesotho, the Lebanon, Malaysia, Malawi, Mali,
 Morocco, Mauritania, Niger, Oman, Pakistan, the Philippines, Qatar, Dem.
 People's Rep. of Korea, Syria, Senegal, Singapore, Somalia, Sudan, Sri
 Lanka, Swaziland, Tanzania, Chad, Thailand and Yemen, the band
 14 - 14.3 GHz is also allocated to the fixed service on a primary basis.

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- MOD 860
WARC-92 *Additional allocation:* in the Federal Republic of Germany, Austria, Belgium, Denmark, Spain, Finland, France, Greece, Ireland, Iceland, Italy, Libya, Liechtenstein, Luxembourg, Norway, the Netherlands, Portugal, the United Kingdom, Sweden, Switzerland, Turkey and Yugoslavia, the band 14.25 - 14.3 GHz is allocated to the fixed service on a primary basis.
- MOD 866
WARC-92 *Additional allocation:* in Afghanistan, Algeria, Angola, Saudi Arabia, Austria, Bahrain, Bangladesh, Brunei Darussalam, Cameroon, the Congo, Costa Rica, Egypt, El Salvador, the United Arab Emirates, Finland, Guatemala, India, Indonesia, Iran, Jordan, Kuwait, Libya, Malaysia, Malawi, Morocco, Mozambique, Nepal, Nicaragua, Oman, Pakistan, Qatar, Singapore, Somalia, Sudan, Sri Lanka, Sweden, Swaziland, Tanzania, Chad, Thailand, Yemen and Yugoslavia, the band 15.7 - 17.3 GHz is also allocated to the fixed and mobile services on a primary basis.
- MOD 868
WARC-92 *Additional allocation:* in Afghanistan, Algeria, the Federal Republic of Germany, Angola, Saudi Arabia, Austria, Bahrain, Bangladesh, Cameroon, Costa Rica, El Salvador, the United Arab Emirates, Finland, Guatemala, Honduras, India, Indonesia, the Islamic Republic of Iran, Iraq, Israel, Japan, Jordan, Kuwait, Libya, Nepal, Nicaragua, Oman, Pakistan, Qatar, Sudan, Sri Lanka, Sweden, Thailand and Yugoslavia, the band 17.3 - 17.7 GHz is also allocated to the fixed and mobile services on a secondary basis. The power limits given in Nos. 2505 and 2508 shall apply.
- MOD 885
WARC-92 *Different category of service:* in Bulgaria, Cuba, Mongolia, Poland, the German Democratic Republic, Czechoslovakia and the U.S.S.R., the allocation of the band 31 - 31.3 GHz to the space research service is on a primary basis (see No. 425).
- MOD 889
WARC-92 *Different category of service:* in Bulgaria, Egypt, Mongolia, Poland, the German Democratic Republic, Romania, Czechoslovakia and the U.S.S.R., the allocation of the band 31.5 - 31.8 GHz to the fixed and mobile, except aeronautical mobile, services is on a primary basis (see No. 425).
- MOD 894
WARC-92 *Additional allocation:* in Afghanistan, Saudi Arabia, Bahrain, Bangladesh, Egypt, the United Arab Emirates, Spain, Finland, Gabon, Guinea, Indonesia, Iran, Iraq, Israel, Jordan, Kenya, Kuwait, the Lebanon, Libya, Malaysia, Malawi, Mali, Malta, Morocco, Mauritania, Nepal, Niger, Nigeria, Oman, Pakistan, the Philippines, Qatar, Syria, Senegal, Singapore, Somalia, Sudan, Sri Lanka, Sweden, Tanzania, Thailand, Togo, Tunisia, Yemen and Zaire, the band 33.4 - 36 GHz is also allocated to the fixed and mobile services on a primary basis.

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ARTICLE 11

(MOD) WARC-92 **Coordination of Frequency Assignments to Stations in a Space Radiocommunication Service Except Stations in the Broadcasting-Satellite Service and to Appropriate Terrestrial Stations^{1, 2, 3, 5}**

NOC **Section I. Procedures for the Advance Publication of Information on Planned Satellite Networks⁴**

ADD A.11.5 ⁵ See Resolution 46 (WARC-92).
WARC-92

ARTICLE 12

(MOD) WARC-92 **Notification and Recording in the Master International Frequency Register of Frequency Assignments¹ to Terrestrial Radiocommunication Stations^{2, 3, 4, 5}**

NOC **Section I. Notification of Frequency Assignments**

ADD A.12.5 ⁵ See Resolution 46 (WARC-92).
WARC-92

NOC **Sub-Section IIC. Procedure to Be Followed for Aeronautical Stations Operating in the Bands Allocated Exclusively to the Aeronautical Mobile Services Between 2 850 kHz and 22 000 kHz**

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- NOC **1343** § 27. (1) Examination of Notices Concerning Frequency
WARC-92 Assignments to Aeronautical Stations in the Aeronautical Mobile
 (OR) Service in the Bands Allocated Exclusively to that Service
 Between 3 025 kHz and 18 030 kHz (see No. **1239**).
- NOC **1344** (2) The Board shall examine each notice covered by
WARC-92 No. **1343** to determine whether:
- MOD **1344A** a) the notice is in conformity with the provisions of
WARC-92 No. **1240** and those contained in Part II of
 Appendix **26(Rev.)**;
- MOD **1345** b) the assignment is in conformity with an allotment
WARC-92 contained in Part III of Appendix **26(Rev.)**;
- SUP **1346**
WARC-92
- SUP **1347**
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- SUP **1348**
WARC-92
- (MOD) **1348A** (3) A notice which is not in conformity with the
WARC-92 provisions of No. **1344A** shall be examined with respect to
 Nos. **1267** and **1268**. The date to be entered in Column 2b shall be
 determined in accordance with the relevant provisions of Section III
 of this Article.
- ADD **1348B** (4) Any frequency assignment for which the finding is
WARC-92 favourable with respect to Nos. **1344A** and **1345** shall be recorded in
 the Master Register. The date to be entered in Column 2a shall be
 determined in accordance with the relevant provisions of Section III
 of this Article.

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ADD **1348C** (5) A notice which is in conformity with the provisions of
WARC-92 No. **1344A**, but not with those of No. **1345**, shall be examined with respect to the allotments in Part III of Appendix **26(Rev.)**. In so doing, the Board shall apply the technical criteria specified in Part IV of Appendix **26(Rev.)**. The date to be entered in Column 2a or 2b shall be determined in accordance with the relevant provisions of Section III of this Article.

SUP **1349**
WARC-92

NOC

Section III

NOC **1406** § 45. (1) Frequency Bands Allocated Exclusively to the Aeronautical Mobile (OR) Service Between 3025 kHz and 18030 kHz.

MOD **1407** (2) If the finding is favourable with respect to Nos. **1344A**
WARC-92 and **1345**, the date of 15 December 1992 shall be entered in Column 2a.

MOD **1408** (3) If the finding is favourable with respect to No. **1348C**,
WARC-92 the date of 15 December 1992 shall be entered in Column 2a.

SUP **1409**
WARC-92

MOD **1410** (4) In all other cases covered by No. **1343**, the date of
WARC-92 16 December 1992 shall be entered in Column 2b.

(MOD) **1411** (5) For assignments to stations other than aeronautical
WARC-92 stations in the aeronautical mobile (OR) service, the relevant date shall be entered in Column 2b (see Nos. **1271** and **1272**).

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ARTICLE 13

(MOD) WARC-92 **Notification and Recording in the Master International
Frequency Register of Frequency Assignments¹
to Radio Astronomy and Space
Radiocommunication Stations Except Stations
in the Broadcasting-Satellite Service^{2, 3, 4, 5}**

NOC **Section I. Notification of Frequency Assignments**

ADD A.13.5 ⁵ See Resolution 46 (WARC-92).
WARC-92

ARTICLE 27

**Terrestrial Radiocommunication Services Sharing
Frequency Bands with Space Radiocommunication
Services Above 1 GHz**

Section I. Choice of Sites and Frequencies

NOC **2501
to
2503**

MOD **2504** (3) In the frequency bands above 15 GHz there shall be no
WARC-92 restriction¹ as to the direction of maximum radiation for stations in
the fixed or mobile service, except as noted in No. **2504A**.

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ADD **2504A** As far as practicable, sites for transmitting stations, in
 WARC-92 the fixed or mobile service, employing maximum values of
 equivalent isotropic radiated power (e.i.r.p.) density exceeding
 24 dBW in any 1 MHz band in the frequency band 25.25 - 27.5 GHz
 should be selected so that the direction of maximum radiation of any
 antenna will be at least 1.5° away from the geostationary-satellite
 orbit, taking into account the effect of atmospheric refraction¹.

ADD **2504A.1** ¹ The provisions of No. **2504A** shall apply until such time as the
 WARC-92 CCIR has made a recommendation on the e.i.r.p. density limits which
 should apply in the band.

Section II. Power Limits

MOD **2509** (5) The limits given in Nos. **2502**, **2505**, **2506** and **2507**
 WARC-92 apply in the following frequency bands allocated to the fixed-
 satellite service, the meteorological-satellite service, the space
 research service, the space operation service, the earth exploration-
 satellite service or the mobile-satellite service for reception by space
 stations, where these bands are shared with equal rights with the
 fixed or mobile service:

1 610 - 1 645.5 MHz	(for countries mentioned in No. 730)
1 646.5 - 1 660 MHz	(for countries mentioned in No. 730)
1 675 - 1 690 MHz	(for Region 2)
1 690 - 1 700 MHz	(for countries of Region 2 mentioned in No. 740)

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1 700 - 1 710 MHz	(for Region 2)
1 970 - 1 980 MHz	(for Region 2)
1 980 - 2 010 MHz	
2 025 - 2 110 MHz	
2 200 - 2 290 MHz	
2 655 - 2 670 MHz ¹	(for Region 2 and 3)
2 670 - 2 690 MHz	
5 725 - 5 755 MHz ¹	(for countries of Region 1 mentioned in Nos. 803 and 805)
5 755 - 5 850 MHz ¹	(for countries of Region 1 mentioned in Nos. 803 , 805 and 807)
5 850 - 7 075 MHz	
7 900 - 8 400 MHz	

ADD 2509A
WARC-92 Trans-horizon systems in the 1 700 - 1 710 MHz, 1 970 - 2 010 MHz, 2 025 - 2 110 MHz and 2 200 - 2 290 MHz bands may exceed the limits given in Nos. **2505** and **2507**, but the provisions of Nos. **2502** and **2506** should be observed. Considering the difficult sharing conditions with other services and keeping in mind the provisions of Recommendation **100 (WARC-79)**, administrations are urged to keep the number of trans-horizon systems in these bands to a minimum.

MOD 2511
WARC-92 (7) The limits given in Nos. **2505** and **2508** apply in the following frequency bands allocated to the fixed-satellite service or

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the inter-satellite service for reception by space stations, where these bands are shared with equal rights with the fixed or mobile service:

17.7 - 18.4 GHz

24.45 - 24.75 GHz

24.75 - 25.25 GHz (for Region 3)

25.25 - 29.5 GHz

SUP 2511.2
WARC-92

ARTICLE 28

**Space Radiocommunication Services Sharing Frequency
Bands with Terrestrial Radiocommunication
Services Above 1 GHz**

NOC

Section I. Choice of Sites and Frequencies

NOC 2539

NOC

Section II. Power Limits

NOC 2540
to
2548A

NOC **Section III. Minimum Angle of Elevation**

NOC **2549**
to
2551

NOC **Section IV. Limits of Power Flux-Density
from Space Stations**

NOC **2552**
to
2555

NOC **2556** (2) Power flux-density limits between 1525 MHz and
WARC-92 2300 MHz.

NOC **2557**

MOD **2558** b) The limits give in No. **2557** apply in the frequency
WARC-92 bands listed in No. **2559** which are allocated to the following space
radiocommunication services:

- meteorological-satellite service (space-to-Earth);
- space research service (space-to-Earth) (space-to-space);
- space operation service (space-to-Earth) (space-to-space);
- earth exploration-satellite service (space-to-Earth) (space-to-space);

for transmission by space stations where these bands are shared with equal rights with the fixed or mobile service.

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- MOD 2559
WARC-92 1 525 - 1 530 MHz¹ (for Regions 1 and 3)
1 670 - 1 690 MHz
1 690 - 1 700 MHz (on the territory of the countries mentioned in Nos. 740 and 741)
1 700 - 1 710 MHz
2 025 - 2 110 MHz
2 200 - 2 300 MHz
- MOD 2561
WARC-92 (3) Power flux-density limits between 2 500 MHz and 2 690 MHz.
- MOD 2562
WARC-92 a) The power flux-density at the Earth's surface produced by emissions from a space station, in the broadcasting-satellite service, the fixed-satellite service, or the radiodetermination-satellite service for all conditions and for all methods of modulation shall not exceed the following values:
- 152 dB(W/m²) in any 4 kHz band for angles of arrival between 0 and 5 degrees above the horizontal plane;
 - 152 + 0.75(δ - 5) dB(W/m²) in any 4 kHz band for angles of arrival δ (in degrees) between 5 and 25 degrees above the horizontal plane;
 - 137 dB(W/m²) in any 4 kHz band for angles of arrival between 25 and 90 degrees above the horizontal plane.

These limits relate to the power flux-density which would be obtained under assumed free-space propagation conditions.

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MOD 2563 *b)* The limits given in No. 2562 apply in the frequency
 WARC-92 band 2500 - 2690 MHz which is shared by the fixed-satellite
 service with the fixed or mobile service, in the frequency band
 2520 - 2670 MHz which is shared by the broadcasting-satellite
 service with the fixed or mobile service; and in the frequency band
 2500 - 2516.5 MHz (in the countries mentioned in No. 754A)
 allocated to the radiodetermination-satellite service.

MOD 2564 *c)* The power flux-density values given in No. 2562 are
 WARC-92 derived on the basis of protecting the fixed service using
 line-of-sight techniques. Where a fixed service using tropospheric
 scatter operates in the bands mentioned in No. 2563, and where there
 is insufficient frequency separation, there must be sufficient angular
 separation between the direction to the space station and the
 direction of maximum radiation of the antenna of the receiving
 station of the fixed service using tropospheric scatter to ensure that
 the interference power at the receiver input of the station of the fixed
 service does not exceed -168 dBW in any 4 kHz band.

MOD 2577 (7) Power flux-density limits between 17.7 GHz and
 WARC-92 27.5 GHz.

NOC 2578

MOD 2579 *b)* The limits given in No. 2578 apply in the frequency
 WARC-92 bands listed in No. 2580 which are allocated to the following space
 radiocommunication services:

- fixed-satellite service (space-to-Earth);
- earth exploration-satellite including meteorological-
satellite service (space-to-Earth);
- inter-satellite service,

for transmission by space stations where this band is shared with
 equal rights with the fixed or mobile service.

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MOD 2580	17.7 - 19.7 GHz ¹
WARC-92	22.55 - 23.55 GHz
	24.45 - 24.75 GHz
	25.25 - 27.5 GHz
NOC 2581	
NOC 2582	
NOC 2583	
MOD 2584	31.0 - 31.3 GHz
WARC-92	34.7 - 35.2 GHz
	(for space-to-Earth transmissions under No. 896 on the territory of countries mentioned in No. 894)
	37.0 - 40.5 GHz
NOC 2585	

ARTICLE 29

MOD 2613	§ 2.	Non-geostationary space stations shall cease or reduce to a negligible level their emissions, and their associated earth stations shall not transmit to them, whenever there is insufficient angular separation between non-geostationary satellites and geostationary satellites resulting in unacceptable interference ¹ to geostationary-satellite space systems in the fixed-satellite service operating in accordance with these Regulations.
WARC-92		

Art. 55

ADD 2613A Whenever the emissions from geostationary satellites
WARC-92 in the inter-satellite service are directed towards space stations at
distances from Earth greater than that of the geostationary-satellite
orbit, the boresight of the antenna mainbeam of the geostationary
satellite shall not be pointed within 15° of any point on the
geostationary-satellite orbit.

ARTICLE 55

NOC **Mob-87****Certificates for Personnel of
Ship Stations and Ship Earth Stations**

NOC* **3860**
Mob-87
to
3978

* *Note by the General Secretariat:* No. **3873** is modified in the French text only.

Art. 56

ARTICLE 56

NOC Mob-87

**Personnel of Stations in the Maritime Mobile
and the Maritime Mobile-Satellite Service**

NOC Mob-87

Sections I. and II.

NOC Mob-87

**Section III. Class and Minimum Number of
Personnel for Ship Stations and Ship Earth Stations
Using the Frequencies and Techniques Prescribed in
Chapter N IX and for Public Correspondence**NOC 3987
Mob-87NOC 3988
Mob-87MOD 3989
WARC-92

§ 6. The personnel of ship stations and ship earth stations for which a radio installation is compulsory under international agreements and which use the frequencies and techniques prescribed in Chapter N IX shall, with respect to the provisions of Article 55, include at least:

MOD 3990
WARC-92

a) for stations on board ships which sail beyond the range of VHF coast stations, taking into account the provisions of the Convention for the Safety of Life at Sea: a holder of a first- or second-class radio electronic certificate or a general operator's certificate;

SUP 3991
WARC-92

Art. 69

- MOD 3992 b) for stations on board ships which sail within the range
WARC-92 of VHF coast stations, taking into account the
 provisions of the Convention for the Safety of Life at
 Sea: a holder of a first- or second-class radio electronic
 certificate or a general operator's certificate or a
 restricted operator's certificate.
- MOD 3993 § 7. The personnel of ship stations and ship earth stations
WARC-92 for which a radio installation is not compulsory under international
 agreements and which use the frequencies and techniques prescribed
 in Chapter N IX shall be adequately qualified and certificated in
 accordance with the administration's requirements.
- NOC 3994 NOT allocated.
 to
 4011

ARTICLE 69

Entry into Force of the Radio Regulations

- MOD 5187 § 1. These Regulations, which are annexed to the
WARC-92 International Telecommunication Convention, shall enter into force
 on 1 January 1982, except as specified in Nos. 5188, 5189, 5193,
 5194, 5195, 5196 and 5197.
- NOC 5188
 to
 5194

Art. 69

MOD **5195** (2) The use of the frequency bands 12 230 - 12 330 kHz,
WARC-92 16 360 - 16 460 kHz, 17 360 - 17 410 kHz, 18 780 - 18 900 kHz,
19 680 - 19 800 kHz, 22 720 - 22 855 kHz, 25 110 - 25 210 kHz
et 26 100 - 26 175 kHz by the maritime mobile service commenced
on 1 July 1991 at 0001 hours UTC under the conditions specified in
Resolution **325 (Mob-87)**.

NOC **5196**
Orb-88

NOC **5196.1**
Orb-88

ADD **5197** § 10. The partial revision of the Radio Regulations
WARC-92 contained in the Final Acts of WARC-92 shall enter into force on
12 October 1993 at 0001 hours UTC.

MOD

APPENDIX 26
(Rev. WARC-92)**Provisions and Associated Frequency Allotment
Plan for the Aeronautical Mobile (OR) Service in
the Bands Allocated Exclusively to that Service
Between 3025 kHz and 18030 kHz**

(see Article 50 of the Radio Regulations)

PART I: General Provisions, Definitions

26/1 The provisions of this Appendix shall apply to the aeronautical mobile (OR) service in the following frequency bands:

- 3025 - 3155 kHz
- 3900 - 3950 kHz (Region 1 only)
- 4700 - 4750 kHz
- 5680 - 5730 kHz
- 6685 - 6765 kHz
- 8965 - 9040 kHz
- 11175 - 11275 kHz
- 13200 - 13260 kHz
- 15010 - 15100 kHz
- 17970 - 18030 kHz

26/2 For the purpose of this Appendix, the terms used comprise the following:

26/2.1 *Frequency Allotment Plan*

The Plan for the aeronautical mobile (OR) service contained in Part III of this Appendix.

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26/2.2 *Allotment in the aeronautical mobile (OR) service*

A frequency allotment in the aeronautical mobile (OR) service which comprises:

- a frequency channel from the channels appearing in the channelling arrangement in No. 26/3;
- a bandwidth of up to 2.8 kHz, situated wholly within the frequency channel concerned;
- a power within the limits laid down in No. 26/4.4 and/or specified against the allotted frequency channel;
- an allotment area which is the area in which the aeronautical station can be situated and which coincides with all or part of the territory of the country, or of the geographical area, as indicated against the frequency channel concerned in the Frequency Allotment Plan.

**PART II: Technical Bases Used for the Establishment of the
Frequency Allotment Plan for the Aeronautical Mobile (OR)
Service in the Bands Allocated Exclusively to that Service
Between 3 025 kHz and 18 030 kHz**

26/3 *Channelling arrangement*

26/3.1 The channelling arrangement for the frequencies to be used by aeronautical stations in the aeronautical mobile (OR) service in the bands allocated exclusively to that service between 3 025 kHz and 18 030 kHz is indicated in Table 1.

26/3.2 The frequencies indicated in No. 26/3.1 are the carrier (reference) frequencies.

AP26

TABLE 1

Frequency band 3 025 - 3 155 kHz: 43 + 1 channels									
3 023 ¹	3 026	3 029	3 032	3 035	3 038	3 041	3 044	3 047	3 050
3 053	3 056	3 059	3 062	3 065	3 068	3 071	3 074	3 077	3 080
3 083	3 086	3 089	3 092	3 095	3 098	3 101	3 104	3 107	3 110
3 113	3 116	3 119	3 122	3 125	3 128	3 131	3 134	3 137	3 140
3 143	3 146	3 149	3 152						
Frequency band 3 900 - 3 950 kHz (Région 1 only): 16 channels									
3 900	3 903	3 906	3 909	3 912	3 915	3 918	3 921	3 924	3 927
3 930	3 933	3 936	3 939	3 942	3 945				
Frequency band 4 700 - 4 750 kHz: 16 channels									
4 700	4 703	4 706	4 709	4 712	4 715	4 718	4 721	4 724	4 727
4 730	4 733	4 736	4 739	4 742	4 745				
Frequency band 5 680 - 5 730 kHz: 15 + 1 channels									
5 680 ¹	5 684	5 687	5 690	5 693	5 696	5 699	5 702	5 705	5 708
5 711	5 714	5 717	5 720	5 723	5 726				
Frequency band 6 685 - 6 765 kHz: 26 channels									
6 685	6 688	6 691	6 694	6 697	6 700	6 703	6 706	6 709	6 712
6 715	6 718	6 721	6 724	6 727	6 730	6 733	6 736	6 739	6 742
6 745	6 748	6 751	6 754	6 757	6 760				
Frequency band 8 965 - 9 040 kHz: 25 channels									
8 965	8 968	8 971	8 974	8 977	8 980	8 983	8 986	8 989	8 992
8 995	8 998	9 001	9 004	9 007	9 010	9 013	9 016	9 019	9 022
9 025	9 028	9 031	9 034	9 037					
Frequency band 11 175 - 11 275 kHz: 33 channels									
11 175	11 178	11 181	11 184	11 187	11 190	11 193	11 196	11 199	11 202
11 205	11 208	11 211	11 214	11 217	11 220	11 223	11 226	11 229	11 232
11 235	11 238	11 241	11 244	11 247	11 250	11 253	11 256	11 259	11 262
11 265	11 268	11 271							
Frequency band 13 200 - 13 260 kHz: 20 channels									
13 200	13 203	13 206	13 209	13 212	13 215	13 218	13 221	13 224	13 227
13 230	13 233	13 236	13 239	13 242	13 245	13 248	13 251	13 254	13 257
Frequency band 15 010 - 15 100 kHz: 30 channels									
15 010	15 013	15 016	15 019	15 022	15 025	15 028	15 031	15 034	15 037
15 040	15 043	15 046	15 049	15 052	15 055	15 058	15 061	15 064	15 067
15 070	15 073	15 076	15 079	15 082	15 085	15 088	15 091	15 094	15 097
Frequency band 17 970 - 18 030 kHz: 20 channels									
17 970	17 973	17 976	17 979	17 982	17 985	17 988	17 991	17 994	17 997
18 000	18 003	18 006	18 009	18 012	18 015	18 018	18 021	18 024	18 027

¹ For use of the carrier (reference) frequencies 3 023 kHz and 5 680 kHz, see No. 26/3.4.

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26/3.3 With the exception of the carrier (reference) frequencies 3 023 kHz and 5 680 kHz (see 26/3.4 below), one or more frequencies from Table 1 may be assigned to any aeronautical station and/or aircraft station, in accordance with the Frequency Allotment Plan, as contained in Part III of this Appendix.

26/3.4 The carrier (reference) frequencies 3 023 kHz and 5 680 kHz are intended for worldwide common use (see also Appendix 27 Aer2, Nos. 27/208 to 27/214).

26/3.5 The aeronautical radiotelephone stations shall use only single-sideband emissions (J3E). The upper sideband shall be employed, and the assigned frequency (see No. 142 of the Radio Regulations) shall be 1 400 Hz higher than the carrier (reference) frequency.

26/3.6 The channelling arrangement specified in No. 26/3.1 does not prejudice the rights of Administrations to establish, and to notify assignments to stations in the aeronautical mobile (OR) service other than those using radiotelephony, provided that:

- the occupied bandwidth does not exceed 2 800 Hz and is situated wholly within one frequency channel (see also Resolution 411 (WARC-92));
- the limits of unwanted emission are met (see Appendix 27 Aer2, No. 27/66C).

26/4 *Classes of emission and power*

26/4.1 In the aeronautical mobile (OR) service, in the bands governed by this Appendix, the use of the emissions listed below is permissible; additionally, the use of other emissions is also permissible, subject to compliance with No. 26/3.6.

26/4.2 *Telephony*

- J3E (single-sideband, suppressed carrier).

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26/4.3 *Telegraphy (including automatic data transmission)*

- A1A, A1B, F1B;
- (A,H)2(A,B);
- (R,J)2(A,B,D);
- J(7,9)(B,D,X).

26/4.4 Unless otherwise specified in Part II of this Appendix, the following transmitter power limits (i.e., power supplied to the antenna), shall be applied:

Class of emission	Power limit values (peak envelope power supplied to the antenna)	
	Aeronautical station	Aircraft station
J3E	36 dBW (PX)	23 dBW (PX)
A1A, A1B	30 dBW (PX)	17 dBW (PX)
F1B	30 dBW (PX)	17 dBW (PX)
A2A, A2B	32 dBW (PX)	19 dBW (PX)
H2A, H2B	33 dBW (PX)	20 dBW (PX)
(R,J)2(A,B,D)	36 dBW (PX)	23 dBW (PX)
J(7,9)(B,D,X)	36 dBW (PX)	23 dBW (PX)

26/4.5 On the assumption that no antenna gain is involved, the transmitter powers specified in No. 26/4.4 above will result in a mean effective radiated power of 1 kW (for the aeronautical stations) and 50 W (for the aircraft stations), used as the basis for the establishment of the Plan contained in Part II of this Appendix.

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**PART III: Arrangement for the Allotment of Frequencies
for the Aeronautical Mobile (OR) Service in the Exclusive
Bands Between 3 025 kHz and 18 030 kHz**

(to be developed by the IFRB in accordance
with Resolution **410 (WARC-92)**)

PART IV: Criteria for Compatibility Assessment

26/6 For assessment of the possibilities of sharing between the allotments contained in Part III of this Appendix, and any new assignment which is not covered by an appropriate allotment, the following criteria shall be used:

26/6.1 A new station, not covered by an allotment, which uses the standardized transmission characteristics (J3E, 36 dBW PX) shall be considered compatible with the Plan, if it fulfils the criterion of being separated from any point of any allotment area, indicated in the Plan on the given channel, by the repetition half-distance, determined for the given conditions of operation (frequency band used, geographical position of the station, direction of propagation), which are given below:

Frequency band (kHz)	Repetition half-distance (in km)			
	Northern hemisphere		Southern hemisphere	
	North-South	East-West	North-South	East-West
3 025 - 3 155	550	600	550	600
3 900 - 3 950	650	650	650	650
4 700 - 4 750	725	775	725	775
5 680 - 5 730	1 175	1 325	1 150	1 300
6 685 - 6 765	1 350	1 600	1 225	1 425
8 965 - 9 040	2 525	3 525	2 225	3 075
11 175 - 11 275	3 375	5 575	2 675	3 925
13 200 - 13 260	4 550	6 650	3 475	5 625
15 010 - 15 100	5 050	7 450	4 800	7 100
17 970 - 18 030	5 750	8 250	5 675	7 475

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26/6.2 The relevant value of the repetition half-distance for paths which are situated partly in the northern hemisphere and partly in the southern hemisphere shall be corrected using the linear interpolation procedure. This procedure shall be used to calculate the correction due to the azimuth of the propagation path with respect to true North.

26/6.3 The relevant value of the repetition half-distance, obtained in accordance with No. 26/6.2, shall be corrected, where necessary, to take into account the difference in the radiated power of the assignment with respect to the reference radiated power (30 dBW, mean radiated power) on the basis that a variation of 1 dB in the radiated power corresponds to a variation of 4% in the repetition distance.

PART V: Procedure for Modification and Maintenance of Part III

26/7 Part III will be updated by the Board in accordance with the following procedure:

26/7.1 *a)* when a country which has no allotment in Part III requests an allotment, the Board shall select an appropriate allotment on a priority basis and shall enter it in Part III;

26/7.2 *b)* when a request is submitted for an additional allotment, the Board shall apply the criteria of Part IV, and, where appropriate, enter the corresponding allotment in Part III;

26/7.3 *c)* when an administration informs the Board that it renounces the use of an allotment, the Board shall cancel the allotment concerned from Part III.

26/8 The Board shall maintain an up-to-date master copy of Part III, and shall periodically, but no less frequently than once a year, prepare recapitulative documents listing all amendments made to Part III.

26/9 The Secretary-General shall publish an up-to-date version of Part III in an appropriate form at least once every four years.

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APPENDIX 30A
(Rev. WARC-92)

ARTICLE 7

MOD

Procedures for the Coordination, Notification and Recording in the Master International Frequency Register of Frequency Assignments to Stations in the Fixed-Satellite Service (Space-to-Earth) in Regions 1 and 3 in the Band 17.7 - 18.1 GHz and in Region 2 in the Band 17.7 - 17.8 GHz, and to Stations in the Broadcasting-Satellite Service in Region 2 in the Band 17.3 - 17.8 GHz When Frequency Assignments to Feeder Links for Broadcasting-Satellite Stations Appearing in the Regions 1 and 3 Plan or the Region 2 Plan are Involved

MOD 7.1 The provisions of Articles 11 and 13 and Appendix 29 of the Radio Regulations are applicable to transmitting space stations in the fixed-satellite service in the band 17.7 - 18.1 GHz, and the provisions of Resolution 33 (WARC-79) of the Radio Regulations are applicable to space stations in the broadcasting-satellite service in Region 2 in the band 17.3 - 17.8 GHz together with the provisions of Annex 4 to this Appendix, except that, in relation to feeder-link stations, the relevant criteria mentioned in Appendix 29 to the Radio Regulations are replaced by those given in Section 1 of Annex 4 to this Appendix.

ANNEX 4

Criteria for Sharing Between Services

- MOD 1. Threshold values for determining when coordination is required between transmitting space stations in the fixed-satellite service or the broadcasting-satellite service and a receiving space station in the feeder-link Plans in the frequency bands 17.3 - 18.1 GHz (Regions 1 and 3) and 17.3 - 17.8 GHz (Region 2).

With respect to paragraph 7.1, Article 7 of this Appendix, coordination of a transmitting space station in the fixed-satellite service or in the broadcasting-satellite service with a receiving space station in a broadcasting-satellite feeder link in the Regions 1 and 3 Plan or the Region 2 Plan is required, for inter-satellite geocentric angular separations of less than 3° or greater than 150° , when the power flux-density arriving at the receiving space station of a broadcasting-satellite feeder-link station of another administration would cause an increase in the noise temperature of the feeder-link space station which exceeds a threshold value of $\Delta T_s/T_s$ corresponding to 4%. $\Delta T_s/T_s$ is calculated in accordance with Case II of the method given in Appendix 29.

The above provision does not apply when the geocentric angular separation between a transmitting space station in the fixed-satellite service or in the broadcasting-satellite service and a receiving space station in the feeder-link Plan exceeds 150° of arc and the free-space power flux-density of the transmitting space station in the fixed-satellite service does not exceed a value of -137 dB(W/m²/MHz) on the Earth's surface at the equatorial Earth limb.

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FINAL PROTOCOL*

At the time of signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the undersigned delegates take note of the following statements made by signatory delegations:

No.1

*Original: English**For the United Arab Emirates:*

1. Further to the reservations expressed by the Delegation of the United Arab Emirates concerning frequency of operation about 50 MHz of wind profiler radar, notably at first and second reading (Document 210-E, Recommendation 621 (WARC-92) "considering e)") such reservation being minuted (3.2) in the fifth Plenary Meeting (Document 224-E);

2. the United Arab Emirates hereby declares that it maintains its reservation and objects to the operation of such wind profiler radar at any frequency in the vicinity of 50 MHz.

* *Note by the General Secretariat:* The texts of the Final Protocol are shown in the chronological order of their deposit. In the Table of Contents these texts are grouped in the alphabetical order of country names.

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No. 2

*Original: English**For Malaysia:*

In signing these Final Acts, the Delegation of Malaysia hereby:

1. reserves for its Government the right to take such action as it may deem necessary to safeguard its interests should certain Members fail in any way to comply with the requirements of these Final Acts, or should the reservations by other Members jeopardize its telecommunication service;
2. declares that the signature, and possible subsequent ratification by the Government of Malaysia of the said Final Acts, is not valid with respect to the Member appearing under the name of Israel, and in no way implies its recognition.

No. 3

*Original: English**For Papua New Guinea:*

In signing the Final Acts of the ITU World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), and in the light of declarations and reservations deposited, the Delegation of Papua New Guinea is obliged to reserve for its Government the right to take such action as it may consider necessary to safeguard its interests should any Member fail to observe the provisions adopted by the Conference and in so doing cause harmful interference to radiocommunications systems under the jurisdiction of the Government of Papua New Guinea.

No. 4

*Original: French**For the Republic of Guinea:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of Guinea reserves for its Government the right to take such action as it may deem necessary to safeguard its interests should other Members of the Union fail to comply with the provisions of the Final Acts of this Conference or its Annexes, or should reservations entered by another Member country jeopardize the normal operation of its telecommunication services.

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No. 5

*Original: French**For the Gabonese Republic:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Gabonese Republic reserves for its Government the right:

1. to take such action as it may deem necessary to safeguard its interests should other Members fail to comply in any way whatever with the decisions taken by this Conference, or should reservations entered by any other Members be such as to jeopardize the operation of its telecommunication services;
2. to accept or reject the consequences of decisions which might directly jeopardize its sovereignty, in particular any relating to the increased use of the mobile-satellite service in the bands between 1 - 3 GHz.

No. 6

*Original: French**For the Republic of Senegal:*

In signing these Final Acts subject to ratification by its Government, the Delegation of the Republic of Senegal declares that its country reserves the right to take such action as it may deem necessary to safeguard its interests should other Members fail to comply with the provisions of these Final Acts or should reservations entered by other Members jeopardize the operation of its telecommunication services.

No. 7

*Original: French**For the Republic of Cape Verde:*

The Republic of Cape Verde reserves the right to take such action as it may deem necessary to safeguard its interests should other Members fail to comply with the provisions of these Final Acts or should reservations entered by other Members jeopardize the operation of its telecommunication services.

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No. 8

*Original: English**For the Republic of Kenya:*

The Delegation of the Republic of Kenya herewith declares on behalf of its Government and in accordance with the powers conferred on it:

1. that it reserves the right of its Government to take any action it may consider necessary to safeguard and protect its interests should any Member fail to comply as required with the provisions contained in the Final Acts and the Annexes thereto as adopted by this Conference;

2. that the Government of the Republic of Kenya does not accept responsibility for consequences arising out of the reservations made by Members of the Union.

No. 9

*Original: French**For the Republic of Mali:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of Mali reserves for its Government the right to take any action it may consider necessary to protect its interests if:

- a) reservations and declarations made by other administrations should jeopardize the efficient operation of its telecommunication installations;
- b) other Members should fail in any way to comply with the provisions of the Convention and the Radio Regulations.

No. 10

*Original: French**For the Kingdom of Morocco:*

The Delegation of the Kingdom of Morocco reserves for its Administration the right to take any action it considers necessary to protect its interests if Members of the Union should fail in any way whatever to comply with the provisions of the Radio Regulations, or if reservations made by other Members should jeopardize the efficient operation of its radiocommunication services.

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No. 11

*Original: English**For the Republic of Uganda:*

The Delegation of the Republic of Uganda to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), declares that its Administration reserves the right to take such action it may consider necessary to protect its interests in the case where a Member of the Union fails to comply with the provisions of the Radio Regulations as modified by this Conference or makes reservations that jeopardize the operations of its radiocommunication services.

No. 12

*Original: French**For the Republic of Côte d'Ivoire:*

In signing the Final Acts of the Conference, the Delegation of the Republic of Côte d'Ivoire reserves for its Government the right:

- a) to take any action it considers necessary to safeguard its interests if Members fail in any way to comply with the provisions of the Final Acts of the Conference;
- b) to refuse the consequences of any reservations formulated by other governments which jeopardize the harmonious operation of its radiocommunication services;
- c) further to refuse any provisions contrary to the Constitution and Convention of the International Telecommunication Union which directly or indirectly affect the sovereign right of the Republic of Côte d'Ivoire to regulate its own telecommunications.

No. 13

*Original: English**For the Republic of Zimbabwe:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of Zimbabwe states the intention of its Administration to comply with the provisions of the Final Acts of the

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Conference without prejudice to the Republic of Zimbabwe's sovereign right to take any measures that the Government deems necessary to safeguard and protect its telecommunication and other services in the event of harmful interference caused to the said services by any Member of the Union failing to comply with the provisions of the Radio Regulations as revised by this Conference, particularly new allocations made by this Conference on the condition of causing no harmful interference to existing services.

No. 14

*Original: English**For Brunei Darussalam:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of Brunei Darussalam reserves for its Government the right to take any action that it deems necessary to safeguard its interests should any Member fail in any way to comply with the provisions of the Final Acts of the aforesaid Conference or its Annexes or the Protocol attached thereto or should any reservation by other Members which might have adverse effect to the interest of Brunei Darussalam or jeopardize the operation of its telecommunication services.

No. 15

*Original: English**For the Republic of Zambia:*

In accordance with the powers conferred upon it, the Delegation of the Republic of Zambia wishes to declare as follows:

that in signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation reserves the right of its Government to take any action it may consider necessary to safeguard its interests should any Member fail to comply with the provisions of this Conference.

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No. 16

*Original: French**For the Central African Republic:*

The Delegation of the Central African Republic reserves for its Administration the right to take any action it may consider necessary to safeguard its interests, should certain Members of the Union fail to observe the provisions of the current Radio Regulations or should reservations entered by other Members jeopardize the operation of its radiocommunication services.

No. 17

*Original: English**For the Sultanate of Oman:*

The Delegation of the Sultanate of Oman to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), declares that its Administration reserves the right to take such action it may consider necessary to protect its interests in cases where a Member of the Union fails to comply with the provisions of the Radio Regulations as modified by this Conference or make reservations that jeopardize the operation of its radiocommunication services.

No. 18

*Original: English**For the Republic of Yemen:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of Yemen to this Conference, on behalf of its Government, reserves the right to take any action it deems necessary to safeguard its interests should they be affected or should any Member fail to comply with the provisions of the Convention or its Annexes, or should reservations by any other country jeopardize its telecommunication services.

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No. 19

*Original: English**For the Kingdom of Swaziland:*

The Delegation of the Kingdom of Swaziland reserves the right of its Government to take any action it deems necessary to safeguard its interests in the event of Members failing in any way to comply with the provisions of the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), or should reservations by other countries jeopardize its telecommunication services.

No. 20

*Original: French/
English/
Spanish*

For Belgium, Denmark, the Federal Republic of Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Kingdom of the Netherlands, Portugal and the United Kingdom of Great Britain and Northern Ireland:

The Delegations of the Member States of the European Community declare that the Member States of the European Community will apply the partial revision of the Radio Regulations adopted at this Conference in accordance with their obligations under the Treaty establishing the European Economic Community.

No. 21

*Original: French**For the Republic of Burundi:*

The Delegation of the Republic of Burundi reserves for its Government the right to take any action it may consider necessary to protect its interests should certain Members fail in any way whatever to observe the provisions of the Radio Regulations and the Final Acts of this Conference.

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No. 22

*Original: English**For the Socialist People's Libyan Arab Jamahiriya:*

The Socialist People's Libyan Arab Jamahiriya reserves its rights to accept or refuse to accept the consequences of any reservation made by other countries.

It also reserves its right to take any measures it deems necessary to safeguard its interests and telecommunication services should any Member fail in any way to observe the provisions of the International Telecommunication Convention or of its related Regulations.

No. 23

*Original: English**For the Kingdom of Saudi Arabia:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Kingdom of Saudi Arabia to this Conference reserves its Government's right to take any measures it considers necessary to safeguard its interests should any other country fail in any way to observe the provisions laid down in the Final Acts, or should the reservations made by any other country jeopardize the radio services of the Kingdom of Saudi Arabia.

No. 24

*Original: English**For the Syrian Arab Republic:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Syrian Arab Republic reserves for its Government the right to take any action it may deem necessary to safeguard its existing and planned fixed and mobile systems operating in the band 137 MHz - 3 GHz according to the Radio Regulations from interference caused by mobile-satellite services and in particular those using non-geostationary satellites, and not to accept any claim made in order to protect the above-mentioned services unless mutual agreement is set before.

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No. 25

*Original: English**For the Hashemite Kingdom of Jordan:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Hashemite Kingdom of Jordan reserves for its Government the right to take any action it may deem necessary to safeguard its existing and planned fixed and mobile systems operating in the band 137 MHz to 3 GHz according to the Radio Regulations from interference caused by mobile-satellite services and in particular those using non-geostationary-satellites, and not to accept any claim made in order to protect the above-mentioned services unless mutual agreement is set before.

No. 26

*Original: French**For the Vatican City State:*

The Delegation of the Vatican City State to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), reserves for its Administration the right to take such measures as may be necessary to meet the needs of its broadcasting service.

No. 27

*Original: French**For Tunisia:*

The Delegation of Tunisia reserves for its Government the right to take any action it considers necessary to protect its interests should Members of the Union fail, in any way whatever, to comply with the provisions of the Radio Regulations or should reservations by other Members jeopardize the efficient operation of its radiocommunication services.

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No. 28

*Original: French**For the Republic of Niger:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of Niger reserves for its Government the right to take any action it considers necessary to safeguard its interests should any decisions taken at the Conference affect them or should any other country or administration fail in any way to comply with the provisions of the Final Acts or enter reservations that might affect or jeopardize the proper operation of its telecommunication services or the full exercise of its sovereign rights.

No. 29

*Original: French**For the Democratic Republic of Madagascar:*

The Delegation of the Democratic Republic of Madagascar reserves for its Government the right to take any action it considers necessary to safeguard its interests should Members of the Union fail in any way to comply with the provisions of the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) or should reservations entered by other countries jeopardize the proper operation of its own telecommunication services.

No. 30

*Original: French**For the Togolese Republic:*

In signing the Final Acts for the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Togolese delegation reserves for its Government the right to take any action it considers necessary for safeguarding its interests should any Member like his country fail in any way to comply with the provisions, Resolutions or Recommendations contained in the Final Acts of the Conference or should reservations entered by other countries jeopardize the proper operation of its telecommunication services.

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No. 31

*Original: English**For the Republic of Malta:*

The Delegation of the Republic of Malta to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), reserves for its Government the right to take such action as it considers necessary to safeguard its interests should any Member fail in any way to abide by the provisions of the Final Acts of the Conference.

No. 32

*Original: French**For the Republic of Benin:*

The Delegation of the Republic of Benin to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) recognizes the important conclusions reached in its work. Nevertheless, it reserves for its Government the right to take any action it considers necessary to protect its interests should the interpretation and application by certain Members of the Union of the relevant decisions and provisions emerging from the Conference jeopardize Benin's radiocommunication services.

No. 33

*Original: French**For Burkina Faso:*

The Delegation of Burkina Faso declares that its Government reserves the right to take any action it considers necessary in accordance with its national legislation and international law to protect its interests should Members fail in any way whatever to comply with the provisions of the Final Acts of the Conference or should reservations by Members jeopardize the efficient operation of Burkina Faso's telecommunication services.

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No. 34

*Original: English**For the Islamic Republic of Iran:*

IN THE NAME OF GOD

The Delegation of the Islamic Republic of Iran reserves for its Government the right to take any action as it may consider necessary to safeguard its interests should they be affected by decisions taken at this Conference, or by failure on the part of any other country or administration in any way to comply with the requirements of the International Telecommunication Convention (Nairobi, 1982) or its Annexes or the Protocols or the Regulations attached thereto, or these Final Acts, or should reservations or declarations by other countries or administrations jeopardize the proper and efficient operation of its telecommunication services, or infringe the full exercise of the sovereign rights of the Islamic Republic of Iran.

No. 35

*Original: English**For Thailand:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of Thailand reserves the right of its Government to take any action that it deems necessary to safeguard its interests should any Member or Members of the International Telecommunication Union fail, in any way, to comply with the Final Acts of this Conference and the Annexes thereto, or should any of the declarations by other Members jeopardize its telecommunication services or threaten its national sovereignty.

No. 36

*Original: English**For the Islamic Republic of Pakistan:*

1. The Delegation of the Islamic Republic of Pakistan reserves its Administration's right to take effective steps to protect its interests if any administration operates any satellite, broadcasting and telecommunication services in violation of the Radio Regulations in force or of the decisions taken by the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain

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Parts of the Spectrum (Malaga-Torremolinos, 1992). It further reserves the right of its Administration to take steps if reservations or declarations made by any other country or administration jeopardize the proper and efficient operation of its satellite, broadcasting and telecommunication services/systems.

2. The Administration of Pakistan cannot undertake to accept any transmission to or infringement of its territory by any means of radio transmissions of any other administration and reserves its right to take such steps as necessary should this happen.

3. The Delegation of the Islamic Republic of Pakistan declares that the decisions of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) regarding areas falling within the territory of the disputed States of Jammu and Kashmir are without prejudice to the position recognized by the relevant Resolutions of the United Nations on the question.

No. 37

*Original: French**For the Republic of Chad:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of Chad reserves for its Government the right to take any action it considers necessary to protect its interests should another country or administration fail in any way whatever to comply with the provisions of the Final Acts of this Conference or should reservations by other Members jeopardize the efficient operation of its telecommunication services.

No. 38

*Original: French**For the Republic of the Congo:*

The Delegation of the Republic of the Congo to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) reserves for its Government the right:

1. to accede to all or part of the provisions contained in the Final Acts of WARC-92 and in the Annexes to those Acts;

2. to take any measures it may consider necessary and consistent with the protection of its national interests.

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No. 39

*Original: English**For the United Arab Emirates:*

1. In accordance with the International Telecommunication Convention (Nairobi, 1982) item 582, the United Arab Emirates reserve its position for the time being regarding the following bands:

- i) allocation for BSS (Sound) around the 1.5 GHz frequency band;
- ii) allocation for MSS within the 2.4835 - 2.5 GHz frequency band,

and should any administration implement any of the above allocations, the power flux-density at the surface of the Earth from space stations shall not exceed values mentioned in Radio Regulation No. 2566 and subsequent revision, unless otherwise agreed by us with affected administrations.

2. The United Arab Emirates also reserves its position regarding the implementation dates for the change of present allocations at the above-mentioned bands.

No. 40

*Original: English**For the United Republic of Tanzania:*

The Delegation of the United Republic of Tanzania signed the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), on the understanding that all Parties to the Agreement will abide with all issues agreed at the Conference including all Resolutions, Recommendations and the revised parts of the Radio Regulations; in particular, regarding the following:

- that all administrations operating equipment/systems in the HF frequency bands below 30 MHz and in the 1 GHz to 3 GHz bands shall use frequencies which are in accordance with the agreed plan, or plans to be made in the future, and that operation of such equipment/systems shall not cause interference to equipment/systems installed within Tanzania's borders;
- that administrations operating terrestrial radiocommunication systems, geostationary-satellite systems, non-geostationary-satellite systems, LEO satellite systems and broadcasting-satellite (sound) systems in the agreed frequency bands shall ensure that their frequencies will not

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cause interference to equipment/systems installed within Tanzania's borders. Tanzania expects to join other States in the Region to have a regional satellite system. Therefore, Tanzania expects that some of the agreed BSS frequency bands, the other satellite frequency bands and appropriate space locations will be available for the regional satellite project;

- that Tanzania will continue to broadcast on double-sideband (DSB) up to the agreed date of 2015. Subject to availability of cheap SSB receivers, Tanzania will replace its DSB transmitters with SSB transmitters in 2015.

In the event that some Members will not execute the Final Acts of WARC-92, the Tanzanian Government will take necessary measures to ensure proper operation of its equipment/systems within its borders and realization of their regional satellite project.

No. 41

*Original: French**For the Republic of Cameroon:*

The Delegation of the Republic of Cameroon to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), in signing the Final Acts of the Conference, declares that it is the practice of the Government of its country to fulfill all commitments entered into on its behalf.

Nevertheless, the Republic of Cameroon reserves the right to take any appropriate action should the failure of certain countries to comply with the decisions of the Conference interfere with the efficient operation of its radiocommunication network.

No. 42

*Original: English**For the Republic of Hungary:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum, (Malaga-Torremolinos, 1992), the Delegation of the Republic of Hungary reserves the right for its Government to take such action as it may consider necessary to safeguard its

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interest should any Member States of the Union fail in any way to observe or comply with the provisions of these Final Acts or should reservations by other countries jeopardize the proper operation of its radiocommunication services.

No. 43

*Original: Spanish**For the Republic of Colombia:*

In the absence of specific international rules governing the operation, running and licensing of telecommunication services provided by low orbit-satellite systems, the Colombian State reserves the sovereign right to regulate the legal, technical and economic conditions governing the system of classification, licensing, operation, running and interconnection throughout the national territory, including its island territories, in accordance with its internal legal system.

The Colombian State will apply ITU Recommendations in charging for traffic from or into the national territory via such media, on the basis of an equitable distribution of the accounting rate among connecting administrations.

No. 44

*Original: English**For the State of Qatar:*

In accordance with the ITU Convention, Nairobi 1982, No. 582, the State of Qatar reserves its position for the time being regarding the following bands:

- i)* allocation for BSS (Sound) around the frequency 1.5 GHz;
- ii)* allocation for MSS within the band 2.4835 - 2.5 GHz.

and should any administration implement any of the above allocations, the power flux-density at the surface of the Earth from space stations shall not exceed values mentioned in RR 2566 and subsequent revisions, unless otherwise agreed by the State of Qatar.

We also reserve our position regarding the implementation dates.

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No. 45

Original: English

For the People's Democratic Republic of Algeria, the Kingdom of Saudi Arabia, the State of Bahrain, the United Arab Emirates, the Hashemite Kingdom of Jordan, the State of Kuwait, the Socialist People's Libyan Arab Jamahiriya, the Islamic Republic of Mauritania, the Kingdom of Morocco, the Sultanate of Oman, the Islamic Republic of Iran, the Islamic Republic of Pakistan, the State of Qatar, the Syrian Arab Republic, Tunisia, the Republic of Yemen:

The above-mentioned Delegations to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), declare that the signature and possible ratification of their respective Governments of the Final Acts of the Conference, are not valid with respect to the Zionist-Entity appearing in the International Telecommunication Constitution and Convention (Nice, 1989) under the name of the so-called "Israel" and in no way whatsoever imply its recognition.

No. 46

*Original: Spanish**For Ecuador:*

In signing the Final Acts, the Delegation of Ecuador reserves for its Government the right to take whatever measures it considers necessary should Ecuador's telecommunication services suffer interference from stations or be jeopardized in any way by any action of other countries.

Similarly, until the International Telecommunication Union establishes the technical and operational rules for low-orbit satellite systems in pursuance of Resolution **70 (WARC-92)** of this Conference, it reserves the right to allow the operation of these systems in its territory under such conditions as it considers appropriate and expedient. In charging for such traffic it will apply ITU Recommendations on the basis of an equitable distribution of the accounting rate among connecting administrations.

No. 47

*Original: English**For the Federal Republic of Nigeria:*

The Delegation of the Federal Republic of Nigeria to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), reserves the right for the

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Government of the Federal Republic of Nigeria to take any action considered necessary to safeguard its interest in the event of action(s) taken by any other administration(s) in the application of the Articles of the Radio Regulations which is/are deemed detrimental to the sovereign rights of the Nigerian nation. Furthermore, the provisions of the Final Acts and Protocols of this Conference should under no circumstances be applied by any administration(s) in any way to endanger the telecommunication services of the Federal Republic of Nigeria.

No. 48

Original: French

For the People's Democratic Republic of Algeria:

The Delegation of the People's Democratic Republic of Algeria to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) reserves for its Government the right:

1. to take any action it may deem necessary to safeguard its interests in the event that certain Members should fail, in whatever manner, to comply with the provisions of these Final Acts, or that the reservations expressed by other countries should compromise the efficient operation of its telecommunication services or entail an increase in its contribution to the expenditure of the Union;
2. to take any measures in conformity with the Constitution and laws of the People's Democratic Republic of Algeria.

No. 49

Original: English

For Austria, Belgium, Finland, Greece, Republic of Hungary, Iceland, Republic of Malta, Republic of Poland, the United Kingdom, Sweden, Czech and Slovak Federal Republic:

The Delegations of the above-mentioned countries note that the inadequacy of the spectrum allocated to high frequency broadcasting has been proved by the unacceptable results of the HFBC Planning System, improved and tested in accordance with the decisions of the WARC HFBC-87.

The Delegations are concerned that the additional spectrum for high frequency broadcasting, made available by the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), will be insufficient to lead to a successful planning

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conference and declare that their Administrations reserve the right to take such action as may be necessary, consistent with the Radio Regulations, to meet the needs of their high-frequency broadcasting services.

No. 50

*Original: English**For the Republic of Singapore:*

The Delegation of the Republic of Singapore reserves on behalf of its Government the right to take such action as it may consider necessary to safeguard its interest should any country fail in any way to comply with the requirements of the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) or should any reservation by any country jeopardize its radiocommunication services.

The Delegation of the Republic of Singapore further reserves on behalf of its Government the right to make such additional reservations as may be necessary up to and including the time of ratification by the Republic of Singapore of the above-mentioned Final Acts.

No. 51

*Original: Spanish**For Mexico:*

On behalf of its Government, the Delegation of Mexico declares that, in signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos), it reserves the right to take the action it deems appropriate to safeguard its interests in the event that any prejudice may be caused to its telecommunication systems and services as a result of the declarations or reservations formulated by other Members of the Union, or that they fail to comply with the decisions of the Conference.

No. 52

*Original: Spanish**For Cuba:*

The Delegation of the Republic of Cuba to the World Administrative Radio Conference for Dealing with Frequency Allocation in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), in signing the Final Acts, reaffirms on behalf of its Government that this does not constitute a recognition of the use of radio frequencies by the Government of the United States of America at the naval base which it

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occupies, against the will of the Cuban Government and people, in part of the territory of our country in the Province of Guantanamo, as already stated in Declaration No. 9 of the Final Protocol of WARC-79 (Geneva, 1979) and Declaration No. 44 of the Final Protocol of WARC Mob-87 (Geneva, 1987).

As is evident from the declaration made by the Cuban Delegation in this connection at the XIth Plenary Meeting of the Conference, the allotments bearing the symbol CUB which have not been coordinated with the Cuban Administration are to be deleted from Part III of Appendix 26(Rev.), which this Conference instructed the IFRB to conclude. Under Resolution No. 1 of the Radio Regulations, the IFRB must not enter in the Master Register any frequency which has not been requested by the Cuban Administration.

The use of frequencies by the United States of America at the base which it occupies in the Province of Guantanamo obstructs Cuba's radio services and encroaches upon our country's sovereignty over the radio frequency spectrum, which is a limited resource.

The Cuban Government reserves the right to take all the necessary steps to safeguard its legitimate interests.

No. 53

*Original: Spanish**For the Argentine Republic:*

The Delegation of the Argentine Republic reserves for its Government the right to take any action it may deem necessary to safeguard its interests, should any measure adopted by this Conference, reservation deposited on the failure by other countries to comply with this agreement jeopardize the efficient operation of its telecommunication services.

No. 54

*Original: English**For the People's Republic of Bangladesh:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of Bangladesh declares that it reserves the right to take any necessary steps to protect its rights and interests should any country operate any telecommunications and broadcast services in violation of the decisions taken at the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Radio Regulations in force or the Convention.

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No. 55

*Original: English**For the People's Democratic Republic of Ethiopia:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of Ethiopia reserves the right of its Government to take any action that it may deem necessary to safeguard its interests should any country jeopardize the operation of the telecommunication network in Ethiopia due to reservations made or as a consequence of failure to comply with the Final Acts.

No. 56

*Original: English**For the Republic of India:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of India reserves for its Government the right to take such actions, as may be considered necessary, to safeguard its interests should any administration make reservations and/or not accept the provisions of the Final Acts or fail to comply with one or more provisions of the Final Acts, including those which form a part of the Radio Regulations.

No. 57

*Original: English**For Turkey:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of Turkey reserves for its Government the right to take whatever action it may deem necessary to safeguard its interests on the decisions taken by the Conference in modifying, amending, deleting and adding provisions, footnotes, tables, Resolutions and Recommendations in the Radio Regulations, should any Member fail in any way to comply with the Final Acts, Annexes and the Radio Regulations thereto, in using its existing services and introducing new services for space, terrestrial and other applications or should any reservation entered by other countries jeopardize the proper operation of its telecommunication services.

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Furthermore, regarding its statement made during the Conference, the Delegation of Turkey for its Government shall consider its responsibilities as binding only for the decisions of past regional broadcasting conferences on the basis of equal rights, within the provisions of the International Telecommunication Convention and the Radio Regulations.

No. 58

*Original: English**For the Republic of Indonesia:*

The Delegation of the Republic of Indonesia to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992):

1. reserves the right of its Government to take any action and preservation measures it deems necessary to safeguard its national interests should the Final Acts drawn up in this Conference directly or indirectly affect its sovereignty or be in contravention with the Constitution, Laws and Regulations of the Republic of Indonesia as well as with the rights of the Republic of Indonesia which exist and may result from any principles of international law. In this regard the Government of the Republic of Indonesia will recognize the legitimate interests of other countries with a view to improve the use made of the geostationary and/or non-geostationary-satellite orbit for telecommunication and broadcast services for the benefit of mankind;

2. further reserves the right of its Government to take any action and preservation measures it deems necessary to safeguard its national interests should any administration in any way fail to comply with the provisions and the requirements in the Final Acts of the Conference or should the consequences of reservations by any administration jeopardize the rights of the Republic of Indonesia under the Final Acts.

No. 59

*Original: Russian**For the Russian Federation:*

In connection with the additional allocation of the band 1 610-1 626.5 MHz to the mobile-satellite service, adopted by the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Russian Federation, in signing the Final Acts of the Conference, declares on behalf of its Government that:

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According to No. 732, the band 1 610 - 1 620.6 MHz is used by the operating and planned aeronautical radionavigation satellite system, GLONASS. Since this system is a safety system, and taking account of the fact that ICAO has recommended the GLONASS system for worldwide use, telecommunication administrations must take all measures to eliminate any possible interference in the GLONASS system.

With reference to No. 953 of the Radio Regulations, the Administration of the Russian Federation reserves the right to take any action to ensure the proper operation of the GLONASS system.

No. 60

*Original: Russian**For Belarus, the Russian Federation and Ukraine:*

The Delegations of Belarus, the Russian Federation and Ukraine make the following declaration:

Sovereign States, including Belarus, the Russian Federation and Ukraine have been established on the territory of the former USSR. These Delegations declare that, wherever it appears in the footnotes of the Radio Regulations, the designation USSR shall refer to Belarus, the Russian Federation and Ukraine.

Furthermore, in accordance with the mandate entrusted to the Delegation of the Russian Federation by the telecommunication Administrations of the Republic of Azerbaijan, the Republic of Armenia, the Republic of Kazakhstan, the Republic of Kyrgyzstan, the Republic of Tajikistan, the Republic of Uzbekistan and Turkmenistan, this designation applies likewise to the territories of these States.

No. 61

*Original: English**For the Republic of Bulgaria:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Republic of Bulgaria reserves the right for its Government to take such actions as it may consider necessary to safeguard its national interests, if another country should in any way fail to respect the conditions specified in these Final Acts; or if the reservations made by any country should be prejudicial to the telecommunication services of the Republic of Bulgaria.

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No. 62

*Original: English**For the People's Republic of China:*

Allocation by the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) of certain frequency bands for the mobile-satellite service may affect the use by China of the existing services in these bands. Therefore, the Chinese Delegation declares that it reserves its right to continue the operation of the existing services in these bands without being affected by harmful interference.

No. 63

*Original: English**For Canada:*

The Delegation of Canada formally declares that Canada does not, by signature of these Final Acts on its behalf, accept certain decisions taken by this Conference in regard to the Table of Frequency Allocations and the associated footnotes and, therefore, Canada:

In view of the fact that the Conference had not provided the required flexibility by means of an allocation on a primary basis to the mobile-satellite service in the bands 1 545 - 1 555 MHz and 1 646.5 - 1 656.5 MHz, states its intention to utilize these bands in the way most appropriate to satisfy its particular mobile-satellite service requirements recognizing the priority of the aeronautical mobile-satellite service communications.

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of Canada reserves for its Government the right to take any measures it might deem necessary to safeguard its interests if another country should in any way fail to respect the conditions specified in these Final Acts or if the reservations made by any country should be prejudicial to the radiocommunication services of Canada.

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No. 64

*Original: English**For the Federative Republic of Brazil:*

The Delegation of the Federative Republic of Brazil formally declares that Brazil does not, in signing these Final Acts, accept certain decisions taken by this Conference in regard to the Table of Frequency Allocations and associated footnotes and, therefore, Brazil reserves the right to utilize the following frequency bands allocated to the mobile-satellite services in the way that is most appropriate to satisfy its particular mobile-satellite service requirements, recognizing the priority of AMSS (R) and maritime safety communication:

- a) 1 492 - 1 559 MHz;
- b) 1 626.5 - 1 660.5 MHz;
- c) 1 675 - 1 710 MHz.

No. 65

*Original: English**For the Federative Republic of Brazil:*

The Delegation of the Federative Republic of Brazil formally declares that Brazil does not, in signing these Final Acts, accept certain decisions taken by this Conference in regard to the Table of Frequency Allocations and associated footnotes and, therefore, in view of the fact that the Conference has unduly restricted allocations to the broadcasting-satellite service (sound) in the frequency band 1 452 - 1 492 MHz, Brazil states its intention to utilize this band in the way that is most appropriate to satisfy its particular requirements of that service for the transmission of sound programmes and other technically compatible signals.

No. 66

*Original: English**For the Socialist Federal Republic of Yugoslavia:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the Delegation of the Socialist Federal Republic of Yugoslavia reserves the right for its Government to take such actions as it may consider necessary to safeguard its interests should any station under the jurisdiction of other Member States of the Union jeopardize its existing radiocommunication services.

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This is especially valid for:

- the frequency bands below 10 MHz allocated to the fixed and land mobile services;
- the frequency bands between 1 700- 2300 MHz allocated to the fixed service;
- the frequency band between 1 452- 1 464.5 MHz allocated to the fixed service.

No. 67

Original: English

For the United States of America:

1. In the view of the United States of America, this Conference failed to make adequate provision for the HF needs of the broadcasting service, particularly below 10 MHz, despite an earnest effort to do so. The IFRB's Report to the Conference shows that broadcasters' requirements far outnumber the channels available in the bands between 6 and 11 MHz (where spectrum is urgently needed) and that planning will not work effectively without additional and adequate HF spectrum. Therefore, the United States of America reserves the right to take the necessary steps to meet the HF needs of its broadcasting service.

2. The United States of America, while welcoming the cessation by some administrations of willful harmful interference to HF broadcasting, remains concerned that the United States' broadcasting service continues to be subject to willful harmful interference in contravention of Article 35 of the Convention. Such interference is incompatible with the rational and equitable use of these bands. The United States of America declares that as long as any such interference exists, it reserves the right with respect to such interference to take necessary and appropriate actions to protect its broadcasting interests. In doing so, it will respect, to the maximum extent possible, the rights of administrations operating in accordance with the Convention and the Radio Regulations.

3. The United States of America declares that, in view of the fact that the Conference has unduly restricted allocations for mobile-satellite services in the bands 1 530-1 559 MHz and 1 631.5- 1 660.5 MHz, it will utilize these bands in the way most appropriate to satisfy its particular mobile-satellite service requirements recognizing the priority of AMSS (R) and maritime safety communications.

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4. In the view of the United States of America, this Conference has unduly delayed the availability of sufficient spectrum for the mobile-satellite service in the range 1 - 3 GHz on an international and regional basis. Therefore, the United States of America reserves its right to take any necessary steps to meet the needs of the mobile-satellite service in this band.

5. With regard to Resolution 46 (WARC-92), the United States of America understands that nothing in the fourth preambular paragraph and any reference to the Resolution in the Radio Regulations shall be interpreted to constitute any recognition of new rights of Members of the Union beyond those specified in the International Telecommunication Convention and the Administrative Regulations in force. In particular, sub-paragraph *b*) shall not be interpreted to constitute a recognition of claims of sovereignty over any part of outer space. Such claims, in violation of international law, cannot be recognized by this Conference.

6. The United States of America understands that nothing in Resolution 70 (WARC-92) shall alter the category of any allocation made at this Conference and that any studies by organs of the Union on this matter shall be conducted and implemented in accordance with the International Telecommunication Convention and the Administrative Regulations.

No. 68

Original: English

For New Zealand:

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the New Zealand Delegation reserves for its Government the right to take such measures as it might deem necessary to safeguard its interests if another country should in any way fail to respect the conditions specified in these Final Acts or if the reservations made by any country should be prejudicial or detrimental to radiocommunication services in New Zealand.

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No. 69

*Original: French**For France:*

In signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), the French Delegation expresses reservations should the number and complexity of the texts adopted within a very limited time give rise to interpretations which are not in conformity with the final consensus of the Conference.

No. 70

*Original: English**For the State of Israel:*

1. The Declaration made by certain Delegations in No. 45 of the Final Acts being in flagrant contradiction with the principles and purposes of the International Telecommunication Union and, therefore, devoid of any legal validity, the Government of Israel wishes to put on record that it rejects these Declarations outright and will proceed on the assumption that they can have no validity with respect to the rights and duties of any Member State of the International Telecommunication Union.

Furthermore, in view of the fact that Israel and the Arab States are currently in the midst of negotiations aimed at achieving a peaceful solution of the Arab-Israeli conflict, the Delegation of the State of Israel finds these Declarations counter-productive and damaging to the cause of peace in the Middle East.

The Government of the State of Israel will, in so far as concerns the substance of the matter, adopt towards the Members whose Delegations have made the above-mentioned Declaration, an attitude of complete reciprocity.

The Delegation of the State of Israel further notes that Declaration No. 45 does not refer to the State of Israel by its full and correct name. As such it is totally inadmissible and must be repudiated as a violation of recognized rules of international behaviour.

2. Furthermore, after noting various other declarations already deposited, the Delegation of the State of Israel reserves for its Government the right to take any action it deems necessary to protect its interests and to safeguard the operation of its telecommunication services should they be affected by the decisions of this Conference or by the reservations made by other delegations.

FP

No. 71

*Original: English**For the Republic of India:*

The Delegation of the Republic of India has the honour to refer to paragraph 3 of Declaration No. 36 (Document 389) made by the Delegation of the Islamic Republic of Pakistan. The Delegation of the Republic of India notes with regret this reference to the States of Jammu and Kashmir. The Delegation of India reiterates that the States of Jammu and Kashmir are an integral part of the sovereign Republic of India. The Delegation of the Republic of India, therefore, reserves the right for its Government to take appropriate measures to safeguard its interests as a result of any action on the part of the Islamic Republic of Pakistan, as a result of Declaration No. 36.

No. 72

*Original: Spanish**For Cuba:*

In noting Document 389 containing the statements of the Delegations signing the Final Acts, the Delegation of Cuba reserves the right to take any measures it considers appropriate to safeguard its communication services.

Specifically, having regard to section I of Statement No. 67, Cuba reserves the right to use the bands below 10 MHz in its own best interests should its services other than broadcasting in those bands be affected by the broadcasting services of the Administration in question.

No. 73

*Original: English**For the Commonwealth of the Bahamas:*

On behalf of its Government, the Delegation of the Commonwealth of the Bahamas declares that in signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), it reserves the right to take the action it deems appropriate to safeguard its interests in the event that any prejudice may be caused to its telecommunications systems and services as a result of the declarations or reservations formulated by other Members of the Union in Document 389 or that they fail to comply with the decisions of the Conference.

FP

No. 74

*Original: English**For Belize:*

On behalf of the Government of Belize the Delegation of the Commonwealth of the Bahamas declares that in signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) it reserves for the Government of Belize the right to take the action it deems appropriate to safeguard its interests in the event that any prejudice may be caused to its telecommunications systems and services as a result of the declarations or reservations formulated by other Members of the Union in Document 389 or that they fail to comply with the decisions of the Conference.

No. 75

*Original: English**For the United Arab Emirates:*

We refer to Declaration No. 39, and inform that the intent of paragraph 1, item 1(i) regarding allocation for BSS (Sound) was around the 1.5 GHz and 2.3 GHz frequency bands.

It may be noted in our reservation.

No. 76

*Original: Spanish**For the Republics of Guatemala, Honduras and Nicaragua:*

In light of the statements made by some Delegations to this Conference, the Delegations of the Republics of Guatemala, Honduras and Nicaragua, in signing the Final Acts of the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992), reserve for their Governments the right to take any measures they consider necessary to safeguard their interests, should any other country fail to comply with the provisions laid down in the Final Acts or should reservations entered by other countries jeopardize the proper operation of their country's telecommunication services.

FP

No. 77

*Original: Spanish**For the Republic of Panama:*

The Delegation of Panama to the World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992) hereby reserves for its Government the right to take any measures it considers necessary to protect its telecommunication services and to safeguard its interests should any reservations by other Member countries in Document 389 jeopardize the proper operation of its own services and fail to comply with the decisions of the Conference.

No. 78

*Original: English**For Portugal:*

The Delegation of Portugal, taking note of Declaration No. 49 in Document 389, declares that it wishes to include the name of Portugal in the mentioned declaration.

No. 79

*Original: English**For the United Kingdom of Great Britain and Northern Ireland and the United States of America:*

Referring to statements relating to the frequency range below 3 GHz concerning mobile-satellite services, it is necessary to highlight an oversight in drafting and reading texts which could lead to a new and unnecessary burden of coordination between geostationary space stations and terrestrial services in certain frequency bands. Accordingly, the above Administrations will not accept any commitments for this form of coordination arising from omission of the term "non-geostationary" in the text of certain footnotes, e.g. Footnote Nos. 726x and 7xx, to the Table of Frequency Allocation in Article 8. This reservation is made on behalf of all national and international organizations for whose frequency assignments the two countries are the notifying Administrations.

FP

No. 80

*Original: English**For the United States of America:*

I

With reference to Statement No. 52 of the Administration of Cuba, the United States of America notes that the United States presence in Guantanamo is by virtue of a treaty in force; the United States reserves the right to meet its radiocommunication requirements there as it has in the past.

II

With reference to Statement No. 60 of Belarus, the Russian Federation, and Ukraine, the United States of America notes that the other former Republics of the former USSR referred to in that Statement are independent States, not Members of the Union at this time, whose rights and obligations cannot be asserted by the Members that filed that Statement.

No. 81

*Original: English**For the Islamic Republic of Iran:*

IN THE NAME OF GOD

With reference to the Declaration of Turkey in Document 389, and noting the implications of its last paragraph not consistent with the statement by the Delegation of Turkey in Committee 5 of this Conference, the Administration of the Islamic Republic of Iran is only obliged to the application of the modified RR 404 and opposes the implications of the said paragraph as far as the Islamic Republic of Iran is concerned.

*(The signatures follow)**(The signatures following the Final Protocol are the same as those shown on pages 4 to 20)*

De volgende Staten hebben de Secretaris-Generaal van de Internationale Telecommunicatie-Unie in kennis gesteld van de goedkeuring van de Slotakten van 3 maart 1992 (WARC-92):

België	13 april 1993
Wit-Rusland	21 mei 1993
Canada ¹⁾	21 juni 1993
Zwitserland	27 juli 1993
Rusland	7 september 1993
Japan	21 september 1993
Zweden ¹⁾	8 november 1993
Mexico ²⁾	15 maart 1994
Frankrijk	23 juni 1994
Zuid-Afrika	30 juni 1994
Italië	18 augustus 1994
Duitsland	22 september 1994
Spanje ¹⁾	17 oktober 1994

¹⁾ Onder bevestiging van de bij de ondertekening afgelegde verklaringen.

²⁾ Onder bevestiging van het bij de ondertekening gemaakte voorbehoud.

Uitgegeven de *eenendertigste* augustus 1995.

De Minister van Buitenlandse Zaken,

H. A. F. M. O. VAN MIERLO