

**RADIOCOMMUNICATION BUREAU**

**PREFACE**

**TO THE BR INTERNATIONAL FREQUENCY INFORMATION CIRCULAR  
BR IFIC (Space Services)**

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## NEW CHANGES

This section contains the list of any changes made to this version, except those concerning the regularly updated Table 12A/12B.

Edition	Changes
February 2021	Update of Tables 11A, 13B1, 13B3 and 13C
January 2021	NOC
December 2020	NOC
November 2020	Update of Table 7 Section IV (Merge of Tables 7A and 7B, and addition of the link to the standard Antenna Pattern Library page on the website)
October 2020	NOC
September 2020	NOC
August 2020	Update of Note 2 in Section III Chapter 1 Addition of Note 7 in Section III Chapter 1 Update of Section III Chapter 2 related to NGSO service area diagrams Modification of Section II Chapter 3 and Section III Chapter 1 to reflect the implementation of the Version 9 of software and databases. Update of Table 11C1.
July 2020	NOC
June 2020	Update of Table 3 Section IV (Class of station – see UO, US, UU symbols). Modification in Table 13B1 (New provision symbol 9.19_BSS_ES)
May 2020	NOC
April 2020	NOC
March 2020	Modification of Section IV Table 11C.1 (New provision symbols: 30B#6.21N_1, 30B#6.21N_2)
February 2020	NOC
January 2020	Modification of Section II Chapter 1 and Chapter 2 with new Special Sections: AP30/P and AP/30A/P.
December 2019	NOC
November 2019	NOC
October 2019	NOC
September 2019	Update of Table 3 Section IV (Class of station – see UF symbol). Modification of Section II Chapter 2 (CR/D). Modification in Table 13A (Suppression of sub-column 13A4).

Edition	Changes
August 2019	NOC
July 2019	NOC
June 2019	New Radio astronomy station antenna characteristics – see Table 6.
May 2019	New Radio astronomy station antenna characteristics – see Table 6.
April 2019	New Radio astronomy station antenna characteristics – see Table 6.
March 2019	NOC
February 2019	NOC
January 2019	NOC
December 2018	NOC
November 2018	NOC
October 2018	Modification of Section III Chapter 1 ( <b>non_geo</b> ref_body)
September 2018	New Radio astronomy station antenna characteristics – see Table 6.
August 2018	NOC
July 2018	Modification of Section II Chapter 1 (CR/C and CR/F) and Section III Chapter 1 (rtf_rsn).
June 2018	NOC
May 2018	New Radio astronomy station antenna characteristics – see Table 6.
April 2018	New Radio astronomy station antenna characteristics – see Table 6. New Note in Chapter 1B of Section 4. Update of Table 3 Section IV (Class of station – see UC symbol).
March 2018	Update of Chapter 3 of Section II (Details relating to the contents of the SNS data items).
February 2018	NOC
January 2018	NOC
December 2017	New Radio astronomy station antenna characteristics – see Table 6.
November 2017	New Radio astronomy station antenna characteristics – see Table 6.
October 2017	New Radio astronomy station antenna characteristics – see Table 6.
September 2017	NOC
August 2017	New special section API/C.
July 2017	New codes (“CHN”) in Table 6.
June 2017	NOC
May 2017	New special section API/A.
April 2017	NOC

Edition	Changes
March 2017	Modification of Section III Chapter 1 and Section IV Table 11C to reflect the implementation of the Version 8 of software and databases.
February 2017	NOC
January 2017	Modification of Section II Chapter 3 and Section III Chapter 1 to reflect the implementation of the Version 8 of software and databases. New Radio astronomy station antennas characteristics – see Table 6.
December 2016	NOC
November 2016	NOC
October 2016	NOC
September 2016	NOC
August 2016	New Radio astronomy station antenna characteristics – see Table 6.
July 2016	New class of station symbols - see Table 3.
June 2016	New Note in Chapter 1 of Section 3.
May 2016	NOC
April 2016	NOC
March 2016	New class of station symbols - see Table 3.
February 2016	NOC
January 2016	NOC
December 2015	NOC
November 2015	Table 11B: symbols 11/41 and V/11.31.1 have been expanded.
October 2015	NOC
September 2015	New code (“IRL”) in Table 6.
August 2015	NOC
July 2015	NOC
June 2015	New code (“G”) in Table 13A1.
May 2015	NOC
April 2015	NOC
March 2015	NOC
February 2015	New code (“V”) in Note 5 of Chapter 1 of Section 3.
January 2015	NOC
December 2014	NOC
November 2014	Change of Notifying Administration for ARABSAT-AXB26E_KU satellite network filings (See Table 2).
October 2014	NOC

Edition	Changes
September 2014	NOC
August 2014	List of Member States for the European Space Agency (ESA) in Table 2.
July 2014	NOC
June 2014	NOC
May 2014	New remarks made by Canada for Column 13C (see Table 13C).
April 2014	Modifications in Table 11A.1 (New provision symbol 9.41 instead of 9.42) and Table 11A.2 (Suppression of symbol N as agreement status symbol).
March 2014	New denomination of Somalia. See Table 1B.
February 2014	New class of station code <b>UC</b> for the Earth Stations (No. <b>5.526</b> ) See Table 3.
January 2014	NOC

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## SECTION I GENERAL

Since 1 January 2000 the International Frequency Information Circular (BR IFIC) replaces the Weekly Circulars (WIC) and the Special Sections in the paper and microfiche formats, consequent to the decisions of the WRC-97 by Resolution 30. The contents of this fortnightly publication are described in the BR Circular Letter CR/134 dated 22 December 1999.

Due to the large volume of the data, it is published in two parts according to services, namely Terrestrial Services and Space Services.

Due to the increase of the volume of data received by the Bureau, the technological progress, software evolution and to provide more relevant and useful information to administrations, the BR IFIC will be published henceforth in DVD-ROM format, as from the BR IFIC 2710 of 10 January 2012, see the Circular Letter CR/327 dated 26 October 2011.

This Preface describes the contents and the layout of the Space services part of the above Circular, currently in DVD-ROM format.

It is also for use in consulting copies of the Space Master International Frequency Register – SMIFR (hereinafter called Master Register), when provided in electronic form (srs\_XXXX.mdb) or the IFIC data (ificXXXX.mdb) or any other document of the Radiocommunication Bureau (hereinafter called Bureau).

The Preface is published and updated regularly on the BR IFIC DVD-ROM and on the BR SSD website at <http://www.itu.int/en/ITU-R/space/Pages/prefaceMain.aspx>

Pending the publication of the next update, the explanation of any new abbreviation, symbol or coded remark entered in the Master Register will appear in an Appendix to the BR IFIC.

## SECTION II

### DESCRIPTION OF THE BR IFIC (SPACE SERVICES) AND THE SPACE RADIOCOMMUNICATION STATIONS ON THE BR IFIC DVD-ROM

#### CHAPTER 1

##### Description of the BR IFIC (space services)

- 1.0 The BR IFIC (SPACE SERVICES)**
- 1.1 The BR IFIC is divided into three main Parts, numbered I-S, II-S and III-S. Additionally it may have, when required:
  - 1.1.1 an Appendix (see paragraph 1.6);
  - 1.1.2 series of Annexes (see paragraph 1.7);
  - 1.1.3 series of Special Sections (see paragraph 2).
- 1.2 Each BR IFIC is identified by a unique serial number, and by the date of publication. Special Sections are identified by a symbol referring to the purpose of the publication, as indicated in paragraph 2 below, and by a composite serial number containing a consecutive numbering and the number of the BR IFIC with which it is issued.
- 1.3 The BR IFIC is published biweekly on DVD.
- 1.4 Definition of the BR IFIC:**
  - 1.4.1 Part I-S - Notifications received concerning new frequency assignments or modifications or cancellations of recorded assignments;
  - 1.4.2 Part II-S - Frequency assignments recorded in the Master Register;
  - 1.4.3 Part III-S - Frequency assignments returned to the notifying administration.

### 1.4.1 Part I-S

The Part I-S publication is to be considered the acknowledgement of receipt of the information published and contains particulars of frequency assignments for stations in the space radiocommunication services received by the Bureau for recording in the Master Register, including:

Frequency assignments notified in accordance with relevant provisions of Article 11 or Article 5 of Appendix 30 or Article 5 of Appendix 30A or Article 8 of Appendix 30B to the Radio Regulations;

Changes in characteristics of frequency assignments already recorded in the Master Register;

Frequency assignments already recorded in the Master Register which are deleted in their entirety in accordance with No. 13.6, or Article 5 of Appendix 30 or Article 5 of Appendix 30A to the Radio Regulations;

Notices relating to stations in the space radiocommunication service, which have been withdrawn by the administration concerned prior to their recording in the Master Register;

Frequency assignments cancelled by the Bureau in accordance with Article 11 or Article 5 of Appendix 30 or Article 5 of Appendix 30A or Article 8 of Appendix 30B to the Radio Regulations;

Satellite networks already recorded in the Master Register which are deleted in application of *resolves 6* of Resolution 49;

#### 1.4.1.1 The nature of the information published in Part I-S is indicated on the notice level by the following symbols, as appropriate, at the left of the station name (data item A1a or A1e2a).

A = if the notification is for a new satellite network or earth station;

M = if the notification concerns modifications to a previously notified (i.e. has been recorded in the Master Register) satellite networks or earth stations.

In this case the following data item action code symbols:

A = for addition;

M = for modification;

S = for suppression, as appropriate,

may also appear at the left of the following data items: satellite antenna beam (item B1a) and/or group of assigned frequencies (item BR7a) and/or the connection between up-link and down-link frequencies (item D1a).

N = for notifications of a satellite network or earth station whose frequency assignments or its particulars are undergoing a non-basic change;

R = for notifications of a satellite network or earth station whose frequency assignments are being resubmitted;

S = if the intention of this notification is to suppress (delete) a previously notified satellite network or earth station by the notifying administration;

W = for a notice that is withdrawn by the administration or by the Bureau after its publication in Part I-S but before its publication in Part II-S.

#### 1.4.2 Part II-S

The Part II-S publication concerns frequency assignments that will be recorded in the Master Register, following publication in Part I-S and after the detailed technical and regulatory examination has been completed. Generally, these are frequency assignments that have received favourable Findings as well as those that are to be recorded under No. 11.41 or for information only.

The Findings are formulated with respect to:

their conformity with the Convention, the Table of Frequency Allocations and the other provisions of the Radio Regulations;

their conformity with a frequency assignment plan (Article 5 of Appendices **30** or **30A**) or their conformity with the allotment plan - (Article 8 of Appendix **30B**) to the Radio Regulations;

the application of a coordination procedure in accordance with the Radio Regulations; the probability of harmful interference; as applicable.

- 1.4.2.1 When the need arises to review a Finding with respect to a frequency assignment which has been recorded in the Master Register, either on the initiative of the Bureau or upon request of an administration, the resultant modified assignment is published in Part II-S of the BR IFIC.

#### 1.4.3 Part III-S

The Part III-S publication concerns frequency assignments that are returned to the responsible administration following the Part I-S publication and after the detailed technical and regulatory examination has been completed. Generally, these are frequency assignments that have received unfavourable Findings as well as those that are found to be non-compliant with various provisions of the RR.

The Findings are formulated with respect to:

their conformity with the Convention, the Table of Frequency Allocations and the other provisions of the Radio Regulations without reference to No. **4.4**;

their conformity with a frequency assignment plan (Article 5 of Appendices **30** or **30A**) or their conformity with the allotment plan - (Article 8 of Appendix **30B**) to the Radio Regulations;

the application of a coordination procedure in accordance with the Radio Regulations; the probability of harmful interference; as applicable.

- 1.5 The data item action code published in Part II-S, III-S and in the Special Sections, is indicated on the notice by the A or M symbol, as appropriate, at the left of the following data items: station name (item **A1a** or **A1e2a**) and/or satellite antenna beam (item **B1a**) and/or group of assigned frequencies (item **BR7a**) and/or the connection between up-link and down-link frequencies (item **D1a**).

A = if the notification is for a new satellite network / earth station;

M = if the notification contains modifications to a previously notified (i.e. has been recorded in the Master Register) satellite network / earth station.

**1.6 Appendix to the BR IFIC (Space Services)**

1.6.1 The Appendix contains the explanation of any new code or symbol used in the BR IFIC not yet appearing in the Preface.

**1.7 Annex to the BR IFIC (Space Services)**

1.7.1 The Bureau publishes on a quarterly basis, in an Annex to the BR IFIC, an updated list of space networks – **Space Networks List (SNL)**, for which assignments have been entered in the Master Register or for which publication under the following procedures has been effected or requested: Article **9**, Article **11**, Resolution **33**, and Appendices **30**, **30A** and **30B** of the Radio Regulations.

1.7.2 The Bureau also publishes, in an Annex to the BR IFIC, coordination requests and notifications "as received" in accordance with *instructs the Bureau 3* of Resolution **55 (WRC-2000)**.

**2. THE SPECIAL SECTIONS OF THE BR IFIC (SPACE SERVICES)**

2.1 The following Special Sections, **currently in use**, separately identified, are attached, if required, to the BR IFIC.

Special Section	Description	Period of use
2.1.1 Special Section API/A/	contains advance publication information on a planned satellite network, in accordance with the provisions of <b>9.2B</b> and paragraph 7.1 of Article 7 of Appendices <b>30</b> and <b>30A</b> . Moreover, in accordance with Article 2 of that Appendix, information received concerning the use of the guard band specified in Section 3.9 of Annex 5 of Appendix <b>30</b> and section 3.1 of Annex 3 to Appendix <b>30A</b> for the space operation functions used to be published from 22 November 1997 to 2 June 2000 in this Special Section. This Special Section is also used to publish the cancellation of advanced publication on a planned satellite network, in accordance with the provision of <b>9.5D</b> .	Special Section in use as of date of receipt 22 November 1997.  This Special Section, as of date of receipt 22 November 1997, replacing Special Section AR11/A/ with a <b>new numbering</b> of the Special Section.
2.1.2 Special Section API/B/	contains a list of administrations which have sent comments under No. <b>9.3</b> together with the report submitted by the administration responsible for the network under No. <b>9.4</b> if any.	Special Section in use as of date of receipt 22 November 1997.  This Special Section, as of date of receipt 22 November 1997, replacing Special Section AR11/B/ with a <b>new numbering</b> of the Special Section.
2.1.3 Special Section API/C/	Advance publication information extracted from the information sent under No. <b>9.30</b> , pursuant to Nos <b>9.1A/9.2C</b> of the Radio Regulations, and is published by the Radiocommunication Bureau in accordance with No. <b>9.1A</b> .	Special Section in use as of date of receipt 1 January 2017.

Special Section	Description	Period of use
<p>2.1.4 Special Section CR/C/</p>	<p>contains requests for coordination submitted under Nos. <b>9.7</b> to <b>9.14</b> and <b>9.21</b> of frequency assignments to a space station or an earth station of a satellite network, published in accordance with the provision <b>9.38</b>.</p> <p>This Special Section also contains requests for coordination submitted under or subject to procedures of:</p> <ul style="list-style-type: none"> <li>– Article 7 of Appendix <b>30</b></li> <li>– Article 7 of Appendix <b>30A</b></li> <li>– Resolution <b>77</b></li> <li>– Resolution <b>84</b></li> <li>– Resolution <b>33</b> Section A</li> <li>– Resolution <b>33</b> Section B</li> </ul> <p>With respect to <b>RES33</b>, this Special Section is used for coordination requests for non-planned broadcasting-satellite service or modifications thereof, received after 1.1.1999 and referring to API received before 1.1.1999.</p> <p>Specific provision(s) corresponding to the subject station is/are indicated on the front page of the Special Section and in data item "<b>A5/A6</b>" of the affected group.</p>	<p>Special Section in use as of date of receipt 1 January 1999.</p> <p>This Special Section, as of date of receipt 1 January 1999, replacing Special Section AR11/C/ with a <b>new numbering</b> of the Special Section.</p>
<p>2.1.5 Special Section CR/D/</p>	<p>contains information on the status of the coordination procedures (which establishes the requirement of coordination for subsequent actions) under Nos. <b>9.11</b> to <b>9.14</b> and <b>9.21</b>, published in accordance with <b>9.53A</b>. Specific provision(s) (Nos. <b>9.11</b> to <b>9.14</b> and <b>9.21</b>) corresponding to the subject station is/are indicated on the front page of the Special Section.</p>	<p>Special Section in use as of date of receipt 1 January 1999.</p> <p>This Special Section, as of date of receipt 1 January 1999, replacing Special Sections AR11/D/ and AR14/D with a <b>new numbering</b> of the Special Section.</p>

Special Section	Description	Period of use
2.1.6 Special Section CR/E/	contains information on the status of requests for inclusion in the coordination procedure, submitted under No. <b>9.41</b> . This Special Section will be used for indicating administrations that have sent comments in respect of coordination requests published in BR IFIC 2685 (11 January 2011) and onwards. This Special Section will also contain information on the list of satellite networks which served as basis for inclusion under No. <b>9.41</b> , summary of coordination requirement for applicable provisions and a list of coordination requirements at group level related to No. <b>9.41</b> requests.	Corresponding to the CR/C Special Sections published in BR IFIC 2685 (11.01.2011) and onwards.
2.1.7 Special Section CR/F/	Contains requests for coordination of broadcasting satellite service frequency assignments in Regions 1 and 3 in the band 21.4–22 GHz and published in accordance with the provision <b>9.38</b> .  This Special Section also contains requests of coordination submitted under <b>Resolution 553 (WRC-12)</b> for application of the Special procedure for a broadcasting-satellite service frequency assignments in Regions 1 and 3 in the band 21.4–22 GHz	Special Section in use as of date of receipt 24 December 2011 until 1 January 2017. (see Circular Letter CR/336 of 17 July 2012)



SECTION II - Chapter 1: Description of the BR IFIC (Space Services)

Special Section	Description	Period of use
<p>2.1.8 / 2.1.9 / 2.1.10 Special Section AP30-30A/F/</p>	<p>contains particulars of a request for coordination, submitted and published in accordance with Article 2A of Appendices <b>30</b> or <b>30A</b>, relating to frequency assignments in the guard bands of the Regions 1 and 3 Plan(s) or the Region 2 Plan providing space operation functions in support of the operation of BSS networks.</p>	<p>Special Section in use as of 5 July 2003.  Publication of AP30-30A/F/D Special Sections is discontinued for AP30-30A/F/C Special Sections related to Regions 1 and 3 published as of 1 January 2017.</p>
<p>2.1.11 Special Section AP30/E/</p>	<p>contains information published in application of Article 4 of Appendix <b>30</b> concerning proposed new or modified assignments in the Regions 1 and 3 List. It comprises three parts:</p> <p>Part A contains information on proposed new or modified assignments in the Regions 1 and 3 List received under the terms of paragraph 4.1.3 of Article 4 of that Appendix, and published pursuant to paragraph 4.1.5 of Article 4 of that Appendix;</p> <p>Part B contains information on proposed new or modified assignments in the Regions 1 and 3 List received under the terms of paragraph 4.1.12 of Article 4 of that Appendix, and published in accordance with paragraph 4.1.15 of Article 4 of that Appendix;</p> <p>Part C contains information on cancellation of a previously published Part A Special Section and/or frequency assignments cancelled from the Regions 1 and 3 List in accordance with paragraph 4.1.23 of Article 4 of that Appendix;</p> <p>Part D contains information on a list of administrations whose agreements are required for completion of the Article 4 procedure in accordance with former paragraph 4.1.10ter of Article 4 of that Appendix.</p>	<p>Special Section in use as of 3 June 2000.  Part D has been added as of 5 July 2003.  Publication of Part D of AP30/E/ Special Sections is discontinued for AP30/E/ Special Sections whose Part A has been published as of 1 January 2017.</p>

## SECTION II - Chapter 1: Description of the BR IFIC (Space Services)

Special Section	Description	Period of use
2.1.12 Special Section AP30A/E/	<p>contains information published in application of Article 4 of Appendix 30A concerning proposed new or modified assignments in the Regions 1 and 3 List(s). It comprises three parts:</p> <p>Part A contains information on proposed new or modified assignments in the Regions 1 and 3 List(s) received under the terms of paragraphs 4.1.3 of Article 4 of that Appendix, and published pursuant to paragraphs 4.1.5 of Article 4 of that Appendix;</p> <p>Part B contains information on proposed new or modified assignments in the Regions 1 and 3 List(s) received pursuant to paragraph 4.1.12 of Article 4 of that Appendix, and published in accordance with paragraph 4.1.15 of Article 4 of that Appendix;</p> <p>Part C contains information on cancellation of a previously published Part A Special Section and/or frequency assignments cancelled from the Regions 1 and 3 List(s) in accordance with paragraphs 4.1.23 of Article 4 of that Appendix;</p> <p>Part D contains information on a list of administrations whose agreements are required for completion of the Article 4 procedure in accordance with former paragraph 4.1.10ter of Article 4 of that Appendix.</p>	<p>Special Section in use as of 3 June 2000.</p> <p>Part D has been added as of 5 July 2003.</p> <p>Publication of Part D of AP30A/E/ Special Sections is discontinued for AP30A/E/ Special Sections whose Part A has been published as of 1 January 2017</p>

## SECTION II - Chapter 1: Description of the BR IFIC (Space Services)

Special Section	Description	Period of use
2.1.13 Special Section AP30-30A/E/	<p>contains information published in application of Article 4 of Appendices <b>30</b> and <b>30A</b> concerning the procedures for modifications to the Region 2 Plan. It comprises three parts:</p> <p>Part A contains information on proposed modifications to the Region 2 Plan received under the terms of paragraph 4.2.6 of Article 4 of those Appendices, and published pursuant to paragraph 4.2.8 of Article 4 of those Appendices;</p> <p>Part B contains information on modifications to the Region 2 Plan received under the terms of paragraph 4.2.16 of Article 4 of those Appendices, and published in accordance with paragraph 4.2.19 of Article 4 of those Appendices;</p> <p>Part C contains information on cancellation of a previously published Part A Special Section and/or frequency assignments cancelled from the Region 2 Plan in accordance with paragraph 4.2.24 of Article 4 of those Appendices;</p> <p>Part D contains information on a list of administrations whose agreements are required for completion of the Article 4 procedure in accordance with paragraph 4.2.14ter of Article 4 of those Appendices.</p>	<p>Special Section in use as of 3 June 2000.</p> <p>Part D has been added as of 5 July 2003.</p>
2.1.14 Special Section AP30B/	<p>contains information on a space network in application of Articles 6 and 7 of Appendix <b>30B</b> of the Radio Regulations.</p>	<p>Special Section in use until 1 November of 2008</p>

SECTION II - Chapter 1: Description of the BR IFIC (Space Services)

Special Section	Description	Period of use
<p>2.1.15 Special Section AP30B/A6A/</p>	<p>Contains information, received pursuant to paragraph 6.1 of Article 6 of Appendix <b>30B</b> or information treated as a submission under §6.1 in accordance with §7.7 of that Appendix. It comprises:</p> <ol style="list-style-type: none"> <li>1. Assignments examined under §6.3, §6.5 and §6.6, and published under §6.7 of Article 6 of Appendix <b>30B</b>; and</li> <li>2. Assignments examined under §6.3 and returned to the notifying administration under §6.4 of Article 6 of Appendix <b>30B</b>.</li> </ol>	<p>Special Section in use as of 1 November of 2008.</p>
<p>2.1.16 Special Section AP30B/A6B/</p>	<p>Contains information regarding the notice received under §6.17, examined and published in accordance with provisions of Article 6 of Appendix <b>30B</b>. Each special section contains one of the followings:</p> <ol style="list-style-type: none"> <li>1. Notice examined under §6.19, §6.21 and §6.22, corresponding assignments entered in the List and published under §6.23;</li> <li>2. Notice examined under §6.19 and returned to the notifying administration under §6.20;</li> <li>3. Notice examined under §6.21 and §6.22 and returned to the notifying administration under §6.24;</li> <li>4. Notice returned under §6.24, resubmitted, and corresponding assignments provisionally entered in the List under §6.25.</li> <li>5. Assignment cancelled from the List and allotment reinstated in the Appendix <b>30B</b> Plan under §6.33 a) §6.33 b) and §6.33 c).</li> <li>6. Allotment entered in the Appendix <b>30B</b> Plan under §6.35 according to a WRC decision.</li> </ol>	<p>Special Section in use as of 1 November of 2008.</p>
<p>2.1.17 Special Section AP30B/A7/</p>	<p>Contains information concerning a new allotment entered in the Appendix 30B Plan and published in accordance with §7.6 following a request received under §7.2 from a new Member State of the Union and examined in accordance with §7.5 of Article 7 of Appendix 30B.</p>	<p>Special Section in use as of 1 July of 2008.</p>

## SECTION II - Chapter 1: Description of the BR IFIC (Space Services)

Special Section	Description	Period of use
2.1.18 Special Section AP30/P/	contains characteristics of new frequency assignments included in the Regions 1 and 3 Plan pursuant to the decision of the World Radiocommunication Conference on the request made under § 4.1.26 or § 4.1.27 of Appendix 30.	Special Section in use as of 23 November 2019.
2.1.19 Special Section AP30A/P/	contains characteristics of new frequency assignments included in the Regions 1 and 3 Plan pursuant to the decision of the World Radiocommunication Conference on the request made under § 4.1.26 or § 4.1.27 of Appendix 30A.	Special Section in use as of 23 November 2019.
2.1.20 Special Section RES4/	contains particulars of space station assignments whose period of validity has been extended in application of Resolution 4 (Rev.ORB-88). Publication is in accordance with resolves 1.2 of that Resolution.	Special Section in use.
2.1.21 Special Section RES42/	contains particulars of a proposed interim system (Region 2 only) published in accordance with paragraph 6 of the Annex to Resolution 42 (Rev.WRC-15).	Special Section in use.
2.1.22 Special Section RES49/	contains the administrative due diligence information on a satellite network published in accordance with <i>resolves 5 or 6</i> of Resolution 49.  contains the administrative due diligence information on a satellite network published in accordance with Paragraphs 8 and 13 of Annex 1 to Resolution 49.	Special Section in use as of 22 November 1997.
2.1.23 Special Section RES148/	contains information on the notified period of validity of assignments to “existing system(s)” which has been extended in application of <i>Resolves 4</i> of Resolution 148 (WRC-07).	Special Section in use as of 17 November 2007.
2.1.24 Special Section RES552/	Contains information submitted in accordance with Annexes 1, 2 and 3 to Resolution 552.  This Special Section is published by the Radiocommunication Bureau in accordance with § 4 and 6 of the Annex 1 to Resolution 552 (WRC-2012) for geostationary-satellite networks in the broadcasting satellite service in the 21.4 – 22 GHz.	Special Section in use as of 18 February 2012

2.2 The following Special Sections were **discontinued** in application of current version of the Radio Regulations (Edition of 2004), incorporating decision of the World Radiocommunication Conferences, if applicable.

Special Section	Description	Period of use
2.2.1 Special Section AR11/A/	contained advance publication information on a planned satellite network, in accordance with the provisions of <b>RR1044</b> .	Only for the Advance Publication information received by the Bureau prior to 22 November 1997. As of the date of receipt 22 November 1997, these Special Sections has been replaced by Special Section API/A.
2.2.2 Special Section AR11/B/	contained information on comments received from other administrations and on the progress made in resolving any difficulties following the advance publication of information on a planned satellite network, in accordance with the provisions of <b>RR1056</b> .	Only for the Advance Publication information received by the Bureau prior to 22 November 1997. As of the date of receipt 22 November 1997, these Special Sections has been replaced by Special Section API/B.
2.2.3 Special Section AR11/C/	contained requests for coordination under <b>RR1060</b> of frequency assignments to a space station on a geostationary satellite or to an earth station that is to communicate with a space station on a geostationary satellite, in accordance with the provisions of <b>RR1078</b> . This Special Section also contained requests for coordination submitted under or subject to procedures of Article 7 of Appendix <b>S30A</b> (including those published under <i>resolves 5</i> of <b>RES533</b> .)	Only for the request for coordination received by the Bureau prior to 1 January 1999. As of date of receipt 1 January 1999, these Special Sections has been replaced by Special Section CR/C/.
2.2.4 Special Section AR11/D/	contained information on the results of coordination under <b>RR1060</b> , published in accordance with <b>RR1087</b> .	Only for the request for coordination received by the Bureau prior to 1 January 1999. As of date of receipt 1 January 1999, these Special Sections have been replaced by Special Section CR/B/ or CR/D as appropriate.
2.2.5 Special Section AP30/A/	contained advance publication information on a planned fixed-satellite system, in accordance with former paragraph 7.1.3 of Article 7 of Appendix <b>S30 (WRC-97)</b> .  This Special Section was also used to publish information received concerning the use of the guard bands specified in Section 3.9 of Annex 5 of that Appendix for the space operations service.	Only for information received by the Bureau prior to 22.11.1997. As of date of receipt 22.11.1997 and up to 2.06.2000, the appropriate information appears in the Special Section API/A with reference to paragraph 7.1.3 of Article 7 of Appendix <b>S30</b> .

Special Section	Description	Period of use
2.2.6 Special Section AP30/B/	contained the results of the advance publication procedure, in accordance with former paragraph 7.1.7 of Article 7 of Appendix <b>S30 (WRC-97)</b> .	Only for information received by the Bureau prior to 22.11.1997. As of date of receipt 22.11.1997 and up to 2.06.2000, the appropriate information appears in the Special Section API/B with reference to paragraph 7.1.7 of Article 7 of Appendix <b>30</b> .
2.2.7 Special Section AP30/C/	contained either:  particulars of a request for coordination of an assignment to a space station in the fixed-satellite service submitted under paragraph 7.2.1 and published under Article 7 of Appendix <b>S30 (WRC-97)</b> .  or:  coordination in accordance with <i>resolves 5</i> of Resolution <b>533 (WRC-2000)</b> .	Only for information received by the Bureau prior to 1.01.1999. As of date of receipt 1.01.1999, this Special Section has been replaced by Special Section CR/C with reference to Article 7 of Appendix <b>30</b> .
2.2.8 Special Section APS30/E/	contained information published in application of former Article 4 of Appendix <b>S30 (WRC-97)</b> concerning the procedure for modifications to the Plans covered by former Articles 10 and 11 of that Appendix. It comprises three parts:  Part A contained information on proposed modifications published pursuant to former paragraphs 4.3.6 of Article 4 of that Appendix. Two series of revisions to previously published Part A Special Sections have been published under <i>resolves 3</i> of Resolution <b>533 (WRC-97)</b> and <b>(Rev.WRC-2000)</b> ;  Part B contained information received under the terms of former paragraph 4.3.14 and published in accordance with former paragraph 4.3.17 of Article 4 of that Appendix;  Part C contained information on cancellation of a previously published Part A Special Section and/or frequency assignments cancelled from the Plans in accordance with former paragraph 4.4 of Article 4 of that Appendix.	Only for Special Sections published before 3 June 2000. Before 22 November 1997 the Special Section designation was AP30/E/.

Special Section	Description	Period of use
2.2.9 Special Section APS30A/E/	<p>contained information published in application of former Article 4 of Appendix <b>S30A (WRC-97)</b> concerning the procedure for modifications to the Plans covered by former Articles 9 and 9A of that Appendix. It comprises three parts:</p> <p>Part A contained information on proposed modifications published pursuant to former paragraph 4.2.4 of Article 4 of that Appendix. Two series of revisions to previously published Part A Special Sections have been published under <i>resolves</i> 3 of Resolution <b>533 (WRC-97)</b> and <b>(Rev.WRC-2000)</b>;</p> <p>Part B contain information received pursuant to former paragraph 4.2.12 and published in accordance with former paragraph 4.2.15 of Article 4 of that Appendix;</p> <p>Part C contained information on cancellation of a previously published Part A Special Section and/or frequency assignments cancelled from the Plans in accordance with former paragraph 4.3 of Article 4 of that Appendix.</p>	For Special Sections published before 3 June 2000. Before 22 November 1997 the Special Section designation was AP30/E/.
2.2.10 Special Section AP30A/A/	contained information concerning the use of the guard bands specified in Section 3.1 of Annex 3 to Appendix <b>S30A</b> for the space operations functions.	Only for information received by the Bureau prior to 22.11.1997. As of date of receipt 22.11.1997 and up to 2.06.2000, the appropriate information appears in the Special Section API/A with reference to section 3.1, Annex 3 of Appendix <b>S30A</b> .
2.2.11 Special Section RES33/A/	contained advance publication information on a planned space station in the broadcasting-satellite service, in accordance with paragraph 3.1 of Resolution <b>33</b> and <b>RR1044</b> .	Only for advance publication information received by the Bureau prior to 22 November 1997. This Special Section has been discontinued and as of date of receipt 22 November 1997 the appropriate information now appears in the Special Section API/A.



Special Section	Description	Period of use
2.2.12 Special Section RES33/B/	contained the results of the advance publication procedure referred to in paragraph 2.2.11 above in accordance with paragraph 3.1 of Resolution <b>33</b> and <b>RR1056</b> .	Only for advance publication information received by the Bureau prior 22 November 1997. This Special Section has been discontinued and as of date of receipt 22 November 1997 the appropriate information now appears in the Special Section API/B.
2.2.13 Special Section RES33/C/	contained requests for coordination of assignments to a space station in the non-planned broadcasting-satellite service, in application of paragraph 3.2.1 of Resolution <b>33</b> and <b>RR1078</b> .	Only for request for coordination received prior to 1.1.1999. This Special Section has been discontinued and as of date of receipt 1.1.1999 the appropriate information appears in the Special Section CR/C/.
2.2.14 Special Section RES33/D/	contained information on the results of the coordination procedure referred to in paragraph 2.2.13 above, in application of paragraph 3.2.3 of Resolution <b>33</b> and <b>RR1087</b> .	Only for request for coordination received prior to 1.1.1999. This Special Section has been discontinued and as of date of receipt 1.1.1999 the appropriate information appears in the Special Section CR/B/ or CR/D as appropriate.
2.2.15 Special Section RES33/G/	contained information on coordination of non-planned broadcasting-satellite service assignments with respect to terrestrial services, in application of paragraph 2.2 of Resolution <b>33</b> .	Only for request for coordination received prior to 1.1.1999. This Special Section has been discontinued and as of date of receipt 1.1.1999 the appropriate information appears in the Special Section CR/C/.
2.2.16 Special Section RES46/A/	contained advance publication information on a planned satellite network, in accordance with paragraph 1.3 of Resolution <b>46</b> .	Only for the Advance Publication information received by the Bureau prior to 22 November 1997. As of the date of receipt 22 November 1997, these Special Sections has been discontinued and the appropriate information now appears in the Special Section API/A.
2.2.17 Special Section RES46/B/	contained results of the advance publication procedure referred to in paragraph 1.6 of Resolution <b>46</b> .	Only for the Advance Publication information received by the Bureau prior to 22 November 1997. As of the date of receipt 22 November 1997, these Special Sections has been discontinued and the appropriate information now appears in the Special Section API/B.

Special Section	Description	Period of use
2.2.18 Special Section RES46/C/	contained requests for coordination of assignments to space stations in application of paragraphs 2.6 and 2.7 of Resolution <b>46</b> .	Only for the request for coordination received by the Bureau prior to 1 January 1999. As of date of receipt 1 January 1999 the appropriate information appears in the Special Section CR/C/.
2.2.19 Special Section RES46/D/	contained information on results of the coordination procedure referred to in paragraph 2.9 of Resolution <b>46</b> .	Only for the request for coordination received by the Bureau prior to 1 January 1999. As of date of receipt 1 January 1999 the appropriate information appears in the Special Section CR/B/ or CR/D as appropriate.
2.2.20 Special Section APS30B/	contained information on a space network in application of Sections IB and II of Article 6 of Appendix <b>S30B</b> of the Radio Regulations.	Before 22 November 1997 this Special Section designation was AP30B/.
2.2.21 Special Section AR14/C/	contained information provided by an administration seeking agreement in accordance with the procedure of former Article <b>14</b> , published under <b>RR1615</b> .	Only for the information received by the Bureau prior to 1 January 1999. As of date of receipt 1 January 1999 the appropriate information appears in the Special Section CR/C/.
2.2.22 Special Section AR14/D/	contained information provided by an administration which has completed the procedure of former Article <b>14</b> , published under <b>RR1626</b> .	Only for the information received by the Bureau prior to 1 January 1999. As of date of receipt 1 January 1999 the appropriate information appears in the Special Section CR/B/ or CR/D as appropriate.
2.2.23 Special Section SPA-AA/	contained advance publication information on a planned satellite network, in accordance with the provisions of Nos. <b>639AA</b> , <b>639AB</b> and <b>639AC</b> of the Radio Regulations.	Only for the Advance Publication information received by the Bureau prior to 1 May 1982. As of the date of receipt 1 May 1982, this Special Section has been replaced by Special Section AR11/A.
2.2.24 Special Section SPA-AI/	contained information on comments received from other administrations and on the progress made in resolving any difficulties following the advance publication of information on a planned satellite network, in accordance with the provisions of <b>639AI</b> of the Radio Regulations.	Only for the Advance Publication comments received by the Bureau prior to 1 May 1982. As of the date of receipt 1 May 1982, this Special Section has been replaced by Special Section AR11/B.

## SECTION II - Chapter 1: Description of the BR IFIC (Space Services)

Special Section	Description	Period of use
2.2.25 Special Section SPA-AJ/	contained requests for coordination to a space station on a geostationary satellite or to an earth station that is to communicate with a space station on a geostationary satellite, in accordance with the provisions of Nos. <b>639AJ</b> and <b>639AL</b> of the Radio Regulations.	Only for the request for coordination received by the Bureau prior to 1 January 1983. As of date of receipt 1 January 1983, this Special Section has been replaced by Special Section AR11/C/.
2.2.26 Special Section RES SPA2-3-AA/	contained advance publication information on a planned satellite network, pursuant to the provisions of paragraph 3.1 of Section B of Resolution No. <b>Spa2-3 (WARC-71)</b> .	Only for the Advance Publication information received by the Bureau prior to 1 March 1983. As of the date of receipt 1 March 1983, this Special Section has been replaced by Special Section RES33/A.
2.2.27 Special Section RES SPA2-3-AI/	contained information on comments received from other administrations and on the progress made in resolving any difficulties following the advance publication of information on a planned satellite network, pursuant to the provisions of paragraph 3.1 of Section B of Resolution No. <b>Spa2-3 (WARC-71)</b> and in application of the provisions of <b>639AI</b> of the Radio Regulations.	Only for the Advance Publication information received by the Bureau prior to 1 March 1983. As of the date of receipt 1 March 1983, this Special Section has been replaced by Special Section RES33/B.
2.2.28 Special Section RES SPA2-3-AJ/	contained requests for coordination to a space station on a geostationary satellite or to an earth station that is to communicate with a space station on a geostationary satellite. (Sub-paragraphs 3.2.1 and 3.2.3 of Section B of Resolution No. <b>Spa2-3 (WARC-71)</b> . Pursuant to the provisions of Nos. <b>639AJ</b> and <b>639AL</b> of the Radio Regulations.)	Only for the request for coordination received by the Bureau prior to 1 November 1983. As of date of receipt 1 November 1983, this Special Section has been replaced by Special Section RES33/C/.
2.2.29 Special Section RES SPA2-3-SEC A/	contained requests for coordination of assignments to a space station in the non-planned broadcasting-satellite service, pursuant to the provisions of paragraph 2.1 of Section A of Resolution No. <b>Spa2-3 (WARC-71)</b> .	Only for the request for coordination received by the Bureau prior to 1 November 1983. As of date of receipt 1 November 1983, this Special Section has been replaced by Special Section RES33/C/.

## CHAPTER 2

### Cover pages of Parts I-S, II-S, III-S and the Special Sections currently in use

1.4.1	PART I-S
1.4.2	PART II-S
1.4.3	PART III-S
2.1.1	Special Section API/A/
2.1.2	Special Section API/B/
2.1.3	Special Section API/C/
2.1.4	Special Section CR/C/
2.1.5	Special Section CR/D/
2.1.6	Special Section CR/E/
2.1.7	Special Section CR/F/
2.1.8	Special Section AP30-30A/F/C/ related to Regions 1 and 3
2.1.9	Special Section AP30-30A/F/C/ related to Region 2
2.1.10	Special Section AP30-30A/F/D/ related to Region 2
2.1.11	Special Section AP30/E/
2.1.12	Special Section AP30A/E/
2.1.13	Special Section AP30-30A/E/
2.1.14	Special Section AP30B/
2.1.15	Special Section AP30B/A6A/
2.1.16	Special Section AP30B/A6B/
2.1.17	Special Section AP30B/A7/
2.1.18	Special Section AP30/P/
2.1.19	Special Section AP30A/P/
2.1.20	Special Section RES4/
2.1.21	Special Section RES42/
2.1.22	Special Section RES49/
2.1.23	Special Section RES148/
2.1.24	Special Section RES552/

As a consequence of the coming into force of the 2001 edition of the Radio Regulations with effect from 1 January 2002, there is no longer a prefix "S" for Article numbers, provisions and Appendices. Accordingly, the prefix "S" is not used anymore in publications in the BR IFIC (Space Services) since BR IFIC No. 2467 (16.04.2002) and it has been removed from the SNS database to coincide with the release of the March 2002 edition of the SRS.

Notwithstanding this decision relating to publication of notices, with a date of receipt between 1.1.1997 and 31.12.2001 will have been examined in accordance with the relevant provisions carrying the prefix "S".

## SECTION II - Chapter 2: Cover pages



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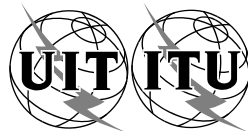
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		PARTIE PART PARTE	<b>I-S</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Notifications reçues au titre de		Notifications received under		Notificaciones recibidas en virtud de lo dispuesto en	
	Article 11 du Règlement des radiocommunications		Article 11 of the Radio Regulations		Artículo 11 del Reglamento de Radiocomunicaciones
	Article 5 des Appendices 30 et/ou 30A		Article 5 of Appendices 30 and/or 30A		Artículo 5 de los Apéndices 30 y/o 30A
	Article 8 de l'Appendice 30B		Article 8 of Appendix 30B		Artículo 8 del Apéndice 30B

Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la <a href="#">Préface</a>	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the <a href="#">Preface</a> .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el <a href="#">Prefacio</a> .
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RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Modification de la date de mise en service des assignations de fréquence inscrites dans le Fichier de référence au titre de		Modification of the date of bringing into use of frequency assignments provisionally recorded in the Master Register under		Modificación de la fecha de puesta en servicio de las asignaciones de frecuencia inscrites con carácter provisional en el Registro Internacional con arreglo al	
Article 11 du Règlement des radiocommunications		Article 11 of the Radio Regulations		Artículo 11 del Reglamento de Radiocomunicaciones	
Article 5 des Appendices 30 et/ou 30A		Article 5 of Appendices 30 and/or 30A		Artículo 5 de los Apéndices 30 y/o 30A	
Article 8 de l'Appendice 30B		Article 8 of Appendix 30B		Artículo 8 del Apéndice 30B	

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ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Assignations de fréquence inscrites dans le Fichier de référence au titre de	Frequency assignments recorded in the Master Register under	Asignaciones de frecuencia inscrites en el Registro con arreglo al
Article 11 du Règlement des radiocommunications	Article 11 of the Radio Regulations	Artículo 11 del Reglamento de Radiocomunicaciones
Article 5 des Appendices 30 et/ou 30A	Article 5 of Appendices 30 and/or 30A	Artículo 5 de los Apéndices 30 y/o 30A
Article 8 de l'Appendice 30B	Article 8 of Appendix 30B	Artículo 8 del Apéndice 30B

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		PARTIE PART PARTE		<b>II-S</b>	
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA			
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<b>RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL</b>					
Confirmation de la date de mise en service des assignations de fréquence inscrites provisoirement dans le Fichier de référence, au titre du		Confirmation of the date of bringing into use of frequency assignments provisionally recorded in the Master Register, under		Confirmación de la fecha de puesta en servicio de las asignaciones de frecuencia inscrites con carácter provisional en el Registro Internacional de Frecuencias, con arreglo al	
Numéro 11.47 du Règlement des radiocommunications		No.11.47 of the Radio Regulations		No.11.47 del Reglamento de Radiocomunicaciones	
§ 5.2.8 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.8 of Article 5 of Appendices 30 and/or 30A		§ 5.2.8 del Artículo 5 de los Apéndices 30 y/o 30A	
§ 8.16 de l'Article 8 de l'Appendice 30B		§ 8.16 of Article 8 of Appendix 30B		§ 8.16 del Artículo 8 del Apéndice 30B	
Assignations de fréquence inscrites dans le Fichier de référence		Frequency assignments recorded in the Master Register		Asignaciones de frecuencia inscrites en el Registro	
Suspension de l'utilisation au titre du		Suspension of use under		Suspensión de la utilización con arreglo al	
Numéro 11.49 du Règlement des radiocommunications		No.11.49 of the Radio Regulations		No.11.49 del Reglamento de Radiocomunicaciones	
§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A		§ 5.2.10 del Artículo 5 de los Apéndices 30 y/o 30A	
§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B		§ 8.17 del Artículo 8 del Apéndice 30B	
Remise en service au titre du		Resumption of use under		Reanudación de la utilización con arreglo al	
Numéro 11.49 du Règlement des radiocommunications		No.11.49 of the Radio Regulations		No.11.49 del Reglamento de Radiocomunicaciones	
§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A		§ 5.2.10 del Artículo 5 de los Apéndices 30 y/o 30A	
§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B		§ 8.17 del Artículo 8 del Apéndice 30B	
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ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Assignations de fréquence retournées à l'administration notificatrice au titre de	Frequency assignments returned to the notifying Administration under	Asignaciones de frecuencia devueltas a la Administración notificante en virtud del
Article 11 du Règlement des radiocommunications	Article 11 of the Radio Regulations	Artículo 11 del Reglamento de Radiocomunicaciones
Article 5 des Appendices 30 et/ou 30A	Article 5 of Appendices 30 and/or 30A	Artículo 5 de los Apéndices 30 y/o 30A
Article 8 de l'Appendice 30B	Article 8 of Appendix 30B	Artículo 8 del Apéndice 30B

<p>Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la <a href="#">Préface</a>.</p>	<p>For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the <a href="#">Preface</a>.</p>	<p>Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el <a href="#">Prefacio</a>.</p>
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>API/A</b>
		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
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Ces renseignements reçus par le Bureau des radiocommunications, en application du numéro 9.1/9.2 du Règlement des radiocommunications, sont publiés conformément au numéro 9.2B.

This information, received by the Radiocommunication Bureau pursuant to No.9.1/9.2 of the Radio Regulations, is published in accordance with No. 9.2B.

Esta información, recibida por la Oficina de Radiocomunicaciones con arreglo al número 9.1/9.2 del Reglamento de Radiocomunicaciones, se publica de acuerdo con lo dispuesto en el número 9.2B.

Une administration qui estime que des brouillages inacceptables risquent d'être causés à ses réseaux ou à ses systèmes à satellites existants ou en projet communique à l'administration qui a demandé la publication des renseignements ses observations, avec copie au Bureau des radiocommunications, dans le délai indiqué ci-après.

Any administration which believes that unacceptable interference may be caused to its existing or planned satellite networks or systems shall communicate its comments to the publishing administration, with a copy to the Radiocommunication Bureau, by the deadline indicated below.

Cualquier administración que estime que se podría causar interferencia perjudicial a sus redes o sistemas de satélites existentes o planificados deberá comunicar sus comentarios a la administración que publica, con copia a la Oficina de Radiocomunicaciones, en el plazo que se indica más abajo.

**DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES  
EXPIRY DATE FOR THE RECEIPT OF COMMENTS  
FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS**



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N <sup>o</sup> SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>API/B</b>
		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	

RÉFÉRENCE DE LA SECTION SPÉCIALE (BR IFIC / DATE) SPECIAL SECTION REFERENCE (BR IFIC / DATE) REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)
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<p>1. La présente Section spéciale est publiée conformément au numéro 9.5 du Règlement des radiocommunications, et concerne la demande de coordination publiée dans la section spéciale API/A indiquée ci-dessus.</p> <p>2. Les administrations qui ont soumis des observations au titre du numéro 9.3 dans le délai de quatre mois suivant la date de publication de la Section spéciale API/A précitée, sont indiquées ci-dessous et le tableau contient un résumé de ces observations.</p>	<p>1. This Special Section is published in accordance with No. 9.5 of the Radio Regulations, in respect of the request for coordination published in the API/A Special Section referenced above.</p> <p>2. Administrations that have submitted comments under No. 9.3 within four months of the date of publication of the mentioned API/A Special Section are listed below and the table contains a summary of the comments.</p>	<p>1. Esta Sección Especial se publica de conformidad con lo dispuesto en el número 9.5 del Reglamento de Radiocomunicaciones, en lo que respecta a la solicitud de coordinación publicada en la Sección Especial API/A antes citada.</p> <p>2. Las administraciones que han presentado comentarios conforme al número 9.3 dentro de un plazo de cuatro meses a partir de la fecha de publicación de la Sección Especial API/A mencionada, se indican a continuación y en el cuadro se presenta un resumen de los comentarios.</p>
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>API/C</b>
		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

<p>Ces renseignements ont été extraits des renseignements communiqués conformément au numéro <b>9.30</b>, en application des numéros <b>9.1A/9.2C</b> du Règlement des Radiocommunications, et sont publiés par le Bureau conformément au numéro <b>9.1A</b>.</p>	<p>The information has been extracted from the information sent under No. <b>9.30</b>, pursuant to <b>Nos 9.1A/9.2C</b> of the Radio Regulations, and is published by the Radiocommunication Bureau in accordance with No. <b>9.1A</b>.</p>	<p>La información se ha extraído de la información remitida con arreglo al número <b>9.30</b>, de acuerdo con lo dispuesto en los números <b>9.1A/9.2C</b> del Reglamento de Radiocomunicaciones, y la Oficina de Radiocomunicaciones la publica de acuerdo con el número <b>9.1A</b>.</p>
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>CR/C</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	

**RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL**

<p>Cette demande de coordination, reçue par le Bureau des radiocommunications en vertu du numéro 9.30 du Règlement des radiocommunications, a été examinée au titre des numéros 9.35 et 9.36 et est publiée conformément au numéro 9.38. Elle est subordonnée au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.</p>	<p>This request for coordination, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box</p>	<p>Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el punto N° 9.30 del Reglamento de Radiocomunicaciones, se ha examinado de conformidad con los N°s 9.35 y 9.36 y se publica de conformidad con el N° 9.38. Está sujeta al formulario de coordinación indicado en la columna de la izquierda con una X en la casilla correspondiente.</p>
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**Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el cuadro I**

9.7	<p>Conformément aux numéros <b>9.50 à 9.52</b> du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de communiquer leur décision à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous.</p>	<p>In accordance with Nos. <b>9.50-9.52</b> of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.</p>	<p>De conformidad con los N°s <b>9.50-9.52</b> del Reglamento de Radiocomunicaciones, se solicita a las administraciones señaladas en el cuadro I a continuación que comuniquen su decisión a la administración responsable y a la Oficina antes del plazo indicado más abajo.</p>
9.7A			
9.7B			
9.42			
AP30#7.1			
AP30A#7.1			
RS77			
RS84			
RS539			
RS33#3			

**Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Formulario de coordinación remitido al cuadro II**

9.11	<p>Les Administrations, énumérées ou non-énumérées dans le Tableau II ci-après, qui n'acceptent pas la demande de coordination au titre des numéros <b>9.11 à 9.14, 9.21 et RS33#2.1</b>, sont priées de communiquer leurs observations à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous. Toute Administration qui ne réagira pas au titre du numéro <b>9.52</b> avant cette date limite sera considérée comme n'étant pas défavorablement influencée et, dans les cas couverts par les numéros <b>9.11 à 9.14 et RS33#2.1</b>, les dispositions des numéros <b>9.48 et 9.49</b> s'appliqueront.</p>	<p>Administrations listed or not listed in Table II below, which do not agree to the request for coordination under Nos. <b>9.11 to 9.14, 9.21 and RS33#2.1</b> are requested to communicate their comments to the responsible administration and the Bureau by the deadline indicated below. Any administration not responding under No. <b>9.52</b> within this deadline shall be regarded as unaffected and, in the cases of Nos. <b>9.11 to 9.14 and RS33#2.1</b>, the provisions of Nos. <b>9.48 and 9.49</b> shall apply.</p>	<p>Se invita a las administraciones, enumeradas o no en el cuadro II, que no estén de acuerdo con la solicitud de coordinación de conformidad con los N°s <b>9.11 a 9.14, 9.21 y RS33#2.1</b> que comuniquen sus observaciones a la administración responsable y a la Oficina dentro del plazo indicado más abajo. Se considerará que toda administración que no responda de conformidad con el N° <b>9.52</b> dentro del plazo señalado, no está afectada y, en el caso de los N°s <b>9.11 a 9.14 y RS33#2.1</b>, se aplicarán las disposiciones de los N°s <b>9.48 y 9.49</b></p>
9.11A			
9.12			
9.12A			
9.13			
9.14			
9.21/A			
9.21/B			
9.21/C			
RS33#2.1			

**DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN**

Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I			
Disposition / Provision / Disposición / 条款 / Положение / الحكم	Résumé des conditions régissant la coordination	Summary of coordination requirements	Resumen de los requisitos de coordinación
	协调要求概述	Сводные потребности в координации	موجز بمتطلبات التنسيق
9.7			
9.7A			
9.7B			
9.42			
AP30#7.1			
AP30A#7.1			
RS77			
RS84			
RS539			
RS33#3			

Tableau II / Table II / Cuadro II / 表二 / Таблица II / II الجدول

Disposition / Provision / Disposición / 条款 / Положение / الحكم	Administrations susceptibles d'être défavorablement influencées (à titre d'information uniquement, voir numéro 9.36.1)	Potentially affected administrations (for information only, see No. 9.36.1)	Administraciones posiblemente afectadas (sólo para información, véase el N° 9.36.1)
	可能受影响的主管部门(仅供参考, 见第 9.36.1 款)	Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1)	إدارات يحتمل أن تتأثر متأثراً غير مؤات (انظر الرقم 1.36.9، على سبيل الاطلاع فقط)
9.11			
9.11A			
9.12			
9.12A			
9.13			
9.14			
9.21/A <sup>1</sup>			
9.21/B <sup>1</sup>			
9.21/C <sup>1</sup>			
RS33#2.1			

<sup>1</sup> 9.21/A, 9.21/B et 9.21/C – au titre du numéro 9.21, administrations ayant des réseaux OSG, des réseaux non-OSG et des stations de Terre, respectivement.

<sup>1</sup> 9.21/A, 9.21/B and 9.21/C – Under No. 9.21, administrations with GSO networks, Non-GSO networks and terrestrial stations, respectively.

<sup>1</sup> 9.21/A, 9.21/B y 9.21/C – De conformidad con el N° 9.21, administraciones con redes OSG, redes no OSG y estaciones terrestres, respectivamente.

<sup>1</sup> 9.21/A, 9.21/B 和 9.21/C – 根据第 9.21 款, 分别为有对地静止卫星轨道网络、非对地静止卫星轨道网络和地面站的主管部门

<sup>1</sup> 9.21/A, 9.21/B и 9.21/C – в соответствии с п. 9.21 администрации, имеющие сети ГСО, сети не-ГСО и наземные станции, соответственно.

<sup>1</sup> 9.21/A<sup>1</sup> و 9.21/B و 9.21/C – بموجب الرقم 21.9، إدارات لها شبكات مستقرة بالنسبة إلى الأرض وشبكات غير مستقرة بالنسبة إلى الأرض ومحطات للأرض على التوالي.



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STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	---
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	

9.11	<p>1. La présente Section spéciale est publiée conformément au numéro 9.53A du Règlement des radiocommunications, et concerne la demande de coordination publiée dans la section spéciale CR/C indiquée au bas de cette page.</p> <p>2.* Les administrations qui ont soumis des observations au titre du numéro 9.52 dans le délai de quatre mois suivant la date de publication de la Section spéciale CR/C précitée, concernant le type de coordination indiqué par une croix (X) dans la case appropriée de la colonne de gauche, sont indiquées dans les Tableaux I et II ci-dessous.</p> <p>3.* Conformément au numéro 9.52C, toute administration autre que celles qui ont formulé des observations dans le délai réglementaire, sera réputée ne pas être affectée, et dans le cas de demande de coordination au titre des numéros 9.11 à 9.14 les dispositions des numéros 9.48 et 9.49 s'appliqueront.</p> <p>2.* et 3.* ne sont pas applicables, conformément au numéro 5.474A, aux bandes de fréquences 9 200 - 9 300 MHz et 9 900 - 10 400 MHz</p>	<p>1. This Special Section is published in accordance with No. 9.53A of the Radio Regulations, in respect of the request for coordination published in the CR/C Special Section referenced at the bottom of this page.</p> <p>2.* Administrations that have submitted comments under No. 9.52 within four months of the date of publication of the mentioned CR/C Special Section, with respect to the form of coordination indicated in the left-hand column by an X in the relevant box, are listed in Tables I and II below.</p> <p>3.* Pursuant to No. 9.52C, any administration other than those having submitted comments within the regulatory time-limit shall be regarded as unaffected, and in the case of coordination requests under Nos. 9.11 to 9.14 the provisions of Nos. 9.48 and 9.49 shall apply.</p> <p>2.* and 3.* are not applicable, in accordance with No. 5.474A, to the frequency bands 9 200 - 9 300 MHz and 9 900 - 10 400 MHz</p>	<p>1. Esta Sección Especial se publica de conformidad con lo dispuesto en el número 9.53A del Reglamento de Radiocomunicaciones, en lo que respecta a la solicitud de coordinación publicada en la Sección Especial CR/C cuya referencia se indica en el extremo de esta página.</p> <p>2.* En los Cuadros I y II que figuran a continuación se enumeran las administraciones que han presentado comentarios conforme al número 9.52 dentro de un plazo de cuatro meses a partir de la fecha de publicación de la Sección Especial CR/C mencionada, con respecto al tipo de coordinación indicado en la columna de la izquierda mediante una X en el casillero correspondiente.</p> <p>3.* Según lo dispuesto en el 9.52C, toda administración que no haya presentado comentarios en el plazo de tiempo reglamentario se considerará como no afectada, y a las peticiones de coordinación previstas en los números 9.11 a 9.14 se le aplicarán las disposiciones de los números 9.48 y 9.49.</p> <p>De conformidad con lo dispuesto en el número 5.474A, 2.* y 3.* no son de aplicación a las bandas de frecuencias 9 200 - 9 300 MHz y 9 900 - 10 400 MHz</p>
9.11A			
9.12			
9.12A			
9.13			
9.14			
9.21/A			
9.21/B			
9.21/C			
RS33#2.1			



RÉFÉRENCE DE LA SECTION SPÉCIALE (BR IFIC / DATE)  
SPECIAL SECTION REFERENCE (BR IFIC / DATE)  
REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)

**CR/C/**



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STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	

9.41/9.7	1. La présente Section spéciale est publiée conformément au numéro <b>9.42</b> du Règlement des radiocommunications, en ce qui concerne la demande de coordination publiée dans la Section spéciale CR/C citée en référence au bas de cette page.	1. This Special Section is published in accordance with No. <b>9.42</b> of the Radio Regulations, in respect of the request for coordination published in the CR/C Special Section referenced at the bottom of this page.	1. Esta Sección Especial se publica de conformidad con el número <b>9.42</b> del Reglamento de Radiocomunicaciones al respecto de la solicitud de coordinación publicada en la Sección Especial CR/C indicada al final de esta página.
9.41/9.7A	2. Les administrations qui ont soumis des observations au titre du numéro <b>9.41</b> dans les quatre mois qui ont suivi la publication des Sections spéciales susmentionnées, en ce qui concerne la forme de la coordination indiquée dans la colonne de gauche par un X dans la case appropriée, sont énumérées dans le Tableau 1 ci après.	2. Administrations that have submitted comments under No. <b>9.41</b> within four months of the date of publication of the mentioned CR/C Special Sections, with respect to the form of coordination indicated in the left-hand column by an X in the relevant box, are listed in Table-I, below.	2. Las Administraciones que han presentado comentarios con arreglo al número <b>9.41</b> en el plazo de cuatro meses a partir de la fecha de publicación de la mencionada Sección Especial CR/C, con respecto al formulario de coordinación indicado en la columna izquierda introduciendo una X en la casilla correspondiente, se indican en el Cuadro-I, que aparece más adelante.
9.41/9.7B			

RÉFÉRENCE DE LA SECTION SPÉCIALE (BR IFIC / DATE) SPECIAL SECTION REFERENCE (BR IFIC / DATE) REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)
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Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I

Disposition / Provision / Disposición / 条款 / Положение / الحكم	Administrations incluses dans le processus de coordination.	Administration included in the coordination process	Administraciones incluidas en el procedimiento de coordinación
	协调过程中包括的主管部门	Администрации, включенные в процесс координации	الإدارات التي تشملها عملية التنسيق
9.41 / 9.7			
9.41 / 9.7A			
9.41 / 9.7B			



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		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

<b>X</b>	<b>LA PROCÉDURE SPÉCIALE PRÉVUE DANS LA RÉSOLUTION 553 S'APPLIQUE</b>	<b>SPECIAL PROCEDURE OF RESOLUTION 553 APPLIES</b>	<b>SE APLICA EL PROCEDIMIENTO ESPECIAL DE LA RESOLUCIÓN 553</b>	
	<p>Cette demande de coordination pour le SRS dans la bande 21,4-22 GHz, reçue par le Bureau des radiocommunications en application du numéro 9.30 du Règlement des radiocommunications, a été examinée au titre des numéros 9.35 et 9.36 et elle est publiée conformément au numéro 9.38. Cette demande est assujettie à la coordination au titre du numéro 9.7.</p> <p>Conformément aux numéros 9.50-9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de faire connaître leur décision à l'administration responsable et au Bureau avant la date limite indiquée ci-après.</p>	<p>This request for coordination for BSS in the band 21.4-22GHz, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to No.9.7 coordination. In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.</p>	<p>Esta solicitud de coordinación para el SRS en la banda 21,4-22 GHz, recibida por la Oficina de Radiocomunicaciones con arreglo al número 9.30 del Reglamento de Radiocomunicaciones, ha sido examinada de acuerdo con los números 9.35 y 9.36 y se publica según lo dispuesto en el número 9.38. Está sujeta a la coordinación del número.9.7.</p> <p>De acuerdo con los números 9.50-9.52 del Reglamento de Radiocomunicaciones, se requiere a las Administraciones identificadas en el Cuadro I que figura más adelante que comuniquen su decisión a la Administración responsable y a la Oficina dentro del plazo indicado más abajo.</p>	
	<table border="1"> <tr> <td>DATE D'ACCÈS PRIORITAIRE PRIORITY ACCESS DATE FECHA DE ACCESO PRIORITARIO</td> </tr> </table>			DATE D'ACCÈS PRIORITAIRE PRIORITY ACCESS DATE FECHA DE ACCESO PRIORITARIO
DATE D'ACCÈS PRIORITAIRE PRIORITY ACCESS DATE FECHA DE ACCESO PRIORITARIO				

	<p>Cette demande de coordination dans la bande 21,4-22 GHz, reçue par le Bureau des radiocommunications en application du numéro 9.30 du Règlement des radiocommunications, a été examinée au titre des numéros 9.35 et 9.36 et elle est publiée conformément au numéro 9.38. Cette demande est assujettie à la coordination au titre du numéro 9.7.</p> <p>Conformément aux numéros 9.50-9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de faire connaître leur décision à l'administration responsable et au Bureau avant la date limite indiquée ci-après.</p>	<p>This request for coordination for BSS in the band 21.4-22 GHz, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to No.9.7 coordination. In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.</p>	<p>Esta solicitud de coordinación en la banda 21,4-2 GHz, recibida por la Oficina de Radiocomunicaciones con arreglo al número 9.30 del Reglamento de Radiocomunicaciones, ha sido examinada de acuerdo con los números 9.35 y 9.36 y se publica según lo dispuesto en el número 9.38. Está sujeta a la coordinación del número.9.7.</p> <p>De acuerdo con los números 9.50-9.52 del Reglamento de Radiocomunicaciones, se requiere a las Administraciones identificadas en el Cuadro I que figura más adelante que comuniquen su decisión a la Administración responsable y a la Oficina dentro del plazo indicado más abajo.</p>
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<b>DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN</b>
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		Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I			
Disposition / Provision / Disposición / 条款 / Положение / الحكم		Résumé des conditions régissant la coordination	Summary of coordination requirements	Resumen de los requisitos de coordinación	
		协调要求概述	Сводные потребности в координации	موجز بمتطلبات التنسيق	
X	9.7				



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N <sup>o</sup> SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>AP30-30A/F/C</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC/ FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

<p>Cette demande de coordination, reçue par le Bureau des radiocommunications en vertu de l'Article 2A des Appendices 30 et 30A du Règlement des radiocommunications, a été examinée et publiée conformément à l'Article 2A des Appendices 30 et 30A. Elle est subordonnée au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.</p>	<p>This request for coordination, received by the Radiocommunication Bureau pursuant to Article 2A of Appendices 30 and 30A of the Radio Regulations, has been examined and published in accordance with Article 2A of Appendices 30 and 30A. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box.</p>	<p>Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el Artículo 2A de los Apéndices 30 y 30A del Reglamento de Radiocomunicaciones, se ha examinado y se ha publicado de conformidad con el Artículo 2A de los Apéndices 30 y 30A. Está sujeta a la forma de coordinación indicada en la columna de la izquierda con una X en la casilla correspondiente.</p>
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Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el Cuadro I			
9.7	Conformément aux numéros 9.50-9.52 du Règlement des radiocommunications et des dispositions pertinentes de l'Appendice 30, les Administrations identifiées dans le Tableau I ci-dessous sont priées de communiquer leur décision à l'administration responsable et au Bureau avant le délai indiqué ci-après.	In accordance with Nos. 9.50-9.52 of the Radio Regulations and the relevant provisions of Appendix 30, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.	De acuerdo con los números 9.50-9.52 del Reglamento de Radiocomunicaciones y las disposiciones pertinentes del Apéndice 30, se ruega a las Administraciones indicadas en el Cuadro I que comuniquen su decisión a la administración responsable y a la Oficina dentro del plazo indicado a continuación.
AP30#7.1			
AP30A#7.1			
AP30#4.1.1D			

DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN	<b>21.10.2016</b>
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Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I				
Disposition / Provision / Disposición / 条款 / Положение / الحكم		Résumé des conditions régissant la coordination	Summary of coordination requirements	Resumen de los requisitos de coordinación
		协调要求概述	Сводные потребности в координации	موجز بمتطلبات التنسيق
	9.7			
	AP30#7.1			
	AP30A#7.1			
	AP30#4.1.1D			



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STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC/ FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Cette demande de coordination, reçue par le Bureau des radiocommunications en vertu de l'Article 2A des Appendices 30 et 30A du Règlement des radiocommunications, a été examinée et publiée conformément à l'Article 2A des Appendices 30 et 30A. Elle est subordonnée au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.	This request for coordination, received by the Radiocommunication Bureau pursuant to Article 2A of Appendices 30 and 30A of the Radio Regulations, has been examined and published in accordance with Article 2A of Appendices 30 and 30A. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box.	Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el Artículo 2A de los Apéndices 30 y 30A del Reglamento de Radiocomunicaciones, se ha examinado y se ha publicado de conformidad con el Artículo 2A de los Apéndices 30 y 30A. Está sujeta a la forma de coordinación indicada en la columna de la izquierda con una X en la casilla correspondiente.
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Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el Cuadro I			
9.7	Conformément aux numéros 9.50 à 9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de communiquer leur décision à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous.	In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.	De conformidad con los N <sup>os</sup> 9.50-9.52 del Reglamento de Radiocomunicaciones, se solicita a las administraciones señaladas en el Cuadro I a continuación que comuniquen su decisión a la administración responsable y a la Oficina antes del plazo indicado más abajo.
AP30#7.1			
AP30A#7.1			
Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Forma de coordinación remitida al Cuadro II			
AP30#4.2.3D	Les Administrations énumérées dans le Tableau II ci-dessous, qui ne sont pas d'accord avec la demande de coordination soumise au titre de l'Article 4 de l'Appendice 30 sont priées de communiquer leurs observations à l'administration responsable et au Bureau avant le délai indiqué ci-après. Les administrations qui n'auront pas répondu dans ce délai seront réputées avoir accepté les assignations proposées.	Administrations listed in Table II below, which do not agree to the request for coordination under Article 4 of Appendix 30 are requested to communicate their comments to the responsible administration and the Bureau by the deadline indicated below. Any administration not responding within this deadline shall be deemed to have agreed to the proposed assignments.	Se ruega a las Administraciones que figuran en la lista del Cuadro II siguiente, que no están de acuerdo con la solicitud de coordinación con arreglo al Artículo 4 del Apéndice 30 que comuniquen sus comentarios a la administración responsable y a la Oficina dentro del plazo que se indica más adelante. Se considerará que toda administración que no responda dentro del plazo indicado está de acuerdo con las asignaciones propuestas.

<b>DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN</b>
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**Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I**

Disposition / Provision / Disposición / 条款 / Положение / الحكم	Résumé des conditions régissant la coordination	Summary of coordination requirements	Resumen de los requisitos de coordinación
	协调要求概述	Сводные потребности в координации	موجز بمتطلبات التنسيق
9.7			
AP30#7.1			
AP30A#7.1			

**Tableau II / Table II / Cuadro II / 表二 / Таблица II / II الجدول II**

Disposition / Provision / Disposición / 条款 / Положение / الحكم	Administrations susceptibles d'être défavorablement influencées	Potentially affected administrations	Administraciones posiblemente afectadas
	可能受影响的主管部门	Потенциально затрагиваемые администрации	إدارات يحتمل أن تتأثر متأثراً غير مؤات
AP30#4.2.3D			



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STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC/ FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
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X	AP30#4.2.3D	<p>1. La présente Section spéciale est publiée conformément au § 4.2.14ter de l'Appendice 30 en application de l'Article 2A dudit Appendice, pour ce qui est de la demande de coordination publiée dans la Section spéciale AP30-30A/F/C, mentionnée en référence en bas de page.</p> <p>2. Les Administrations qui ont communiqué un désaccord valable conformément au § 4.2.13 et au § 4.2.14 pour ce qui est du § 4.2.3 d) de l'Appendice 30, sont énumérées dans les Tableaux I et II ci-dessous.</p> <p>3. Les accords de ces administrations sont requis pour mener à bien la procédure prévue à l'Article 2A, en plus des accords des administrations énumérées dans le Tableau I de la Section spéciale AP30-30A/F/C.</p>	<p>1. This Special Section is published in accordance with § 4.2.14ter of Appendix 30 in application of Article 2A of that Appendix, in respect of the request for coordination published in the AP30-30A/F/C Special Section reference at the bottom of this page.</p> <p>2. Administrations that have communicated a valid disagreement in accordance with § 4.2.13 and 4.2.14 with respect to § 4.2.3 d) of Appendix 30, are listed in Tables I and II below.</p> <p>3. Agreements of those administrations are required for completion of Article 2A procedure in addition to the agreements of those listed in Table I of AP30-30A/F/C Special Section</p>	<p>1. Esta Sección Especial se publica de acuerdo con el § 4.2.14ter del Apéndice 30, en aplicación del Artículo 2A del citado Apéndice, con respecto a la solicitud de coordinación publicada en la Sección Especial del AP30-30A/F/C a que se hace referencia al final de esta página.</p> <p>2. Las listas de las administraciones que han comunicado un desacuerdo válido con arreglo a los § 4.2.13 y 4.2.14 con respecto al § 4.2.3 d) del Apéndice 30, figuran en los Cuadros I y II siguientes.</p> <p>3. Se requiere el acuerdo de las citadas administraciones para poder completar el procedimiento del Artículo 2A, y además el acuerdo de las enumeradas en el Cuadro I de la Sección Especial del AP30-30A/F/C.</p>

RÉFÉRENCE DE LA SECTION SPÉCIALE (BR IFIC / DATE) SPECIAL SECTION REFERENCE (BR IFIC / DATE) REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)
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Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I

Disposition / Provision / Disposición / 条款 / Положение / الحكم	Liste des administrations dont l'accord est nécessaire	List of administrations whose agreements are required	Lista de las administraciones cuyo acuerdo es necesario
	需征得同意的主管部门列表	Список администраций, с которыми требуется соглашение	قائمة الإدارات المطلوب الحصول على موافقتها
AP30#4.2.3D			

Tableau II / Table II / Cuadro II / 表二 / Таблица II / الجدول II

Liste des administrations dont l'accord est nécessaire au niveau du groupe  
List of administrations whose agreements are required at group level  
Lista de las administraciones cuyo acuerdo es necesario al nivel del grupo

B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	BR47 Frequency band (MHz)	AP30#4.2.3D



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ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Caractéristiques des assignments de fréquence publiées en application de l'Article 4 de l'Appendice 30 du Règlement des radiocommunications

Characteristics of frequency assignments published in application of Article 4 of Appendix 30 to the Radio Regulations

Características de asignaciones de frecuencias publicadas conforme al Artículo 4 del Apéndice 30 del Reglamento de Radiocomunicaciones

La présente Section spéciale concerne des propositions d'assignments nouvelles ou modifiées dans la Liste des liaisons descendantes pour les Régions 1 et 3 dans les bandes de fréquences 11,7-12,5 GHz en Région 1 et/ou 11,7-12,2 GHz en Région 3.

This Special Section concerns proposed new or modified assignments in the Regions 1 and 3 downlink List in the frequency bands 11.7-12.5 GHz in Region 1 and/or 11.7-12.2 GHz in Region 3.

Esta Sección Especial trata de las asignaciones propuestas nuevas o modificadas en la Lista de enlaces descendentes de las Regiones 1 y 3 en las bandas de frecuencias 11,7-12,5 GHz en la Región 1 y/o 11,7-12,2 GHz en la Región 3.

Elle comprend les Parties indiquées ci-dessous par une croix (X) dans la case appropriée.	It is composed of the Parts indicated below by an (X) in the relevant box	Se compone de las Partes indicadas a continuación con una (X) en la casilla pertinente.
<input type="checkbox"/> <i>Partie A</i> - Projets d'assignments nouvelles ou modifiées dans la Liste pour les Régions 1 et 3.	<input type="checkbox"/> <i>Part A</i> - Proposed new or modified assignments in the Regions 1 and 3 List.	<input type="checkbox"/> <i>Parte A</i> - Asignaciones propuestas nuevas o modificadas en la Lista de las Regiones 1 y 3.
<input type="checkbox"/> <i>Partie B</i> - Assignations nouvelles ou modifiées ajoutées à la Liste pour les Régions 1 et 3 en conséquence de l'application avec succès des dispositions de l'Article 4 de l'Appendice 30.	<input type="checkbox"/> <i>Part B</i> - New or modified assignments entered in the Regions 1 and 3 List as a result of the successful application of the provisions of Article 4 of Appendix 30.	<input type="checkbox"/> <i>Parte B</i> - Asignaciones nuevas o modificadas introducidas en la Lista de las Regiones 1 y 3 como resultado de la aplicación satisfactoria de las disposiciones del Artículo 4 del Apéndice 30.
<input type="checkbox"/> <i>Partie C</i> - Annulation d'une Section spéciale Partie A publiée et/ou assignments de fréquence annulées de la Liste pour les Régions 1 et 3 conformément au § 4.1.3, à la note de bas de page 7 du § 4.1.5, à la note de bas de page 8 du § 4.1.15 et/ou § 4.1.23 de l'Article 4 de l'Appendice 30 ou Résolution 49 ou Résolution 548.	<input type="checkbox"/> <i>Part C</i> - Cancellation of a previously published Part A Special Section and/or frequency assignments cancelled from the Regions 1 and 3 List in accordance with § 4.1.3, footnote 7 to § 4.1.5, footnote 8 to § 4.1.15 and/or § 4.1.23 of Article 4 of Appendix 30 or Resolution 49 or Resolution 548.	<input type="checkbox"/> <i>Parte C</i> - Cancelación de una Parte A de la Sección Especial previamente publicada y/o de las asignaciones de frecuencia canceladas de la Lista de las Regiones 1 y 3, de conformidad con el § 4.1.3, la nota 7 del § 4.1.5, la nota 8 del § 4.1.15 y/o § 4.1.23 del Artículo 4 del Apéndice 30 ó Resolución 49 ó Resolución 548.

SOU MIS AU TITRE DE SUBMITTED UNDER SOMETIDO CON ARREGLO A	DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES : EXPIRY DATE FOR THE RECEIPT OF COMMENTS : FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS :
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ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Caractéristiques des assignations de fréquence publiées  
en application de l'Article 4 de l'Appendice 30A du  
Règlement des radiocommunications

La présente Section spéciale concerne des propositions d'assignations nouvelles ou modifiées dans la Liste des liaisons de connexion pour les Régions 1 et 3 indiquée ci-dessous par une croix (X) dans la case appropriée.

- Liste pour les Régions 1 et 3 dans la bande de fréquences 14,5- 14,8 GHz
- Liste pour les Régions 1 et 3 dans la bande de fréquences 17,3-18,1 GHz

Characteristics of frequency assignments published in application of  
Article 4 of Appendix 30A to the Radio Regulations

This Special Section concerns proposed new or modified assignments in the Regions 1 and 3 feeder-link List indicated below by an (X) in the relevant box.

- Regions 1 and 3 List in the frequency band 14.5-14.8 GHz
- Regions 1 and 3 List in the frequency band 17.3-18.1 GHz

Características de asignaciones de frecuencias publicadas  
conforme al Artículo 4 del Apéndice 30A del  
Reglamento de Radiocomunicaciones

Esta Sección Especial trata de las asignaciones propuestas nuevas o modificadas en la Lista de enlaces de conexión de las Regiones 1 y 3 indicada más abajo con una (X) en la casilla pertinente.

- Lista para las Regiones 1 y 3 en la banda de frecuencias 14,5-14,8 GHz
- Lista para las Regiones 1 y 3 en la banda de frecuencias 17,3-18,1 GHz

Elle comprend les Parties indiquées ci-dessous par une croix (X) dans la case appropriée.	It is composed of the Parts indicated below by an (X) in the relevant box	Se compone de las Partes indicadas a continuación con una (X) en la casilla pertinente.
<input type="checkbox"/> <i>Partie A</i> - Projets d'assignations nouvelles ou modifiées dans la Liste appropriée pour les Régions 1 et 3.	<input type="checkbox"/> <i>Part A</i> - Proposed new or modified assignments in the appropriate Regions 1 and 3 List.	<input type="checkbox"/> <i>Parte A</i> - Asignaciones propuestas nuevas o modificadas en la Lista apropiada de las Regiones 1 y 3.
<input type="checkbox"/> <i>Partie B</i> - Assignations nouvelles ou modifiées ajoutées à la Liste pour les Régions 1 et 3 en conséquence de l'application avec succès des dispositions de l'Article 4 de l'Appendice 30A.	<input type="checkbox"/> <i>Part B</i> - New or modified assignments entered in the Regions 1 and 3 List as a result of the successful application of the provisions of Article 4 of Appendix 30A.	<input type="checkbox"/> <i>Parte B</i> - Asignaciones nuevas o modificadas introducidas en la Lista de las Regiones 1 y 3 como resultado de la aplicación satisfactoria de las disposiciones del Artículo 4 del Apéndice 30A.
<input type="checkbox"/> <i>Partie C</i> - Annulation d'une Section spéciale Partie A publiée et/ou assignations de fréquence annulées des (de la) Liste(s) pour les Régions 1 et 3 conformément au § 4.1.3, à la note de bas de page 9 du § 4.1.5, à la note de bas de page 10 du § 4.1.15 et/ou § 4.1.23 de l'Article 4 de l'Appendice 30A ou Résolution 49 ou Résolution 548.	<input type="checkbox"/> <i>Part C</i> - Cancellation of a previously published Part A Special Section and/or frequency assignments cancelled from the Regions 1 and 3 List(s) in accordance with § 4.1.3, footnote 9 to § 4.1.5, footnote 10 to § 4.1.15 and/or 4.1.23 of Article 4 of Appendix 30A or Resolution 49 or Resolution 548.	<input type="checkbox"/> <i>Parte C</i> - Cancelación de una Parte A de la Sección Especial previamente publicada y/o de las asignaciones de frecuencia canceladas de la(s) Lista(s) de las Regiones 1 y 3, de conformidad con el § 4.1.3, la nota 9 del § 4.1.5, la nota 10 del § 4.1.15 y/o 4.1.23 del Artículo 4 del Apéndice 30A ó Resolución 49 ó Resolución 548.

SOU MIS AU TITRE DE SUBMITTED UNDER SOMETIDO CON ARREGLO A	DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES : EXPIRY DATE FOR THE RECEIPT OF COMMENTS : FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS :
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N <sup>o</sup> SPECIAL SECTION No. SECCIÓN ESPECIAL N.º		<b>AP30-30A/E</b>	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL		BR IFIC / DATE BR IFIC / DATE BR IFIC/ FECHA		
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE			NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NUMERO DE IDENTIFICACION		
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					

Caractéristiques des assignations de fréquence publiées en application de l'Article 4 des Appendices 30 et 30A du Règlement des radiocommunications et de la Résolution 546 (CMR-03)

Characteristics of frequency assignments published in application of Article 4 of Appendices 30 and 30A to the Radio Regulations and Resolution 546 (WRC-03)

Características de asignaciones de frecuencias publicadas conforme al Artículo 4 de los Apéndices 30 y 30A del Reglamento de Radiocomunicaciones y a la Resolución 546 (CMR-03)

La présente Section spéciale concerne des modifications apportées au Plan pour la Région 2 dans les bandes de fréquences 12.2-12.7 GHz pour les liaisons descendantes et 17.3-17.8 GHz pour les liaisons de connexion.

This Special Section concerns modifications to the Region 2 Plan in the frequency bands 12.2-12.7 GHz for the downlink and 17.3-17.8 GHz for the feeder-link.

Esta Sección Especial trata de las modificaciones al Plan de la Región 2 en las bandas de frecuencias 12.2-12.7 GHz por los enlaces descendentes y 17.3-17.8 GHz por los enlaces de conexión.

Elle comprend les Parties indiquées ci-dessous par une croix (X) dans la case appropriée.	It is composed of the Parts indicated below by an (X) in the relevant box	Se compone de las Partes indicadas a continuación con una (X) en la casilla pertinente.
<input type="checkbox"/> <i>Partie A</i> - Projets de modification au Plan pour la Région 2.	<input type="checkbox"/> <i>Part A</i> - Proposed modifications to the Region 2 Plan.	<input type="checkbox"/> <i>Parte A</i> - Modificaciones propuestas al Plan de la Región 2.
<input type="checkbox"/> <i>Partie B</i> - Modifications apportées au Plan pour la Région 2 en conséquence de l'application avec succès des dispositions de l'Article 4 des Appendices 30 et 30A.	<input type="checkbox"/> <i>Part B</i> - Modifications entered in the Region 2 Plan as a result of the successful application of the provisions of Article 4 of Appendices 30 and 30A.	<input type="checkbox"/> <i>Parte B</i> - Modificaciones introducidas en el Plan de la Región 2 como resultado de la aplicación satisfactoria de las disposiciones del Artículo 4 de los Apéndices 30 y 30A.
<input type="checkbox"/> <i>Partie C</i> - Annulation d'une Section spéciale Partie A publiée et/ou des assignations de fréquence du Plan pour la Région 2 conformément au § 4.2.6, à la note de bas de page 16 du § 4.2.8, à la note de bas de page 17 du § 4.2.19 et/ou § 4.2.24 de l'Article 4 des Appendices 30 et 30A ou Résolution 49.	<input type="checkbox"/> <i>Part C</i> - Cancellation of a previously published Part A Special Section and/or frequency assignments from the Region 2 Plan in accordance with § 4.2.6, footnote 16 to § 4.2.8, footnote 17 to § 4.2.19 and/or § 4.2.24 of Article 4 of Appendices 30 and 30A or Resolution 49.	<input type="checkbox"/> <i>Parte C</i> - Cancelación de una Parte A de la Sección Especial previamente publicada y/o de las asignaciones de frecuencia del Plan de la Región 2, de conformidad con el § 4.2.6, la nota 16 del § 4.2.8, la nota 17 del § 4.2.19 y/o § 4.2.24 del Artículo 4 de los Apéndices 30 y 30A ó Resolución 49.
<input type="checkbox"/> <i>Partie D</i> - Liste des administrations dont l'accord est nécessaire pour mener à bien la procédure de l'Article 4 conformément au § 4.2.14ter de l'Article 4 des Appendices 30 et 30A.	<input type="checkbox"/> <i>Part D</i> - List of administrations whose agreements are required for completion of the Article 4 procedure in accordance with § 4.2.14ter of Article 4 of Appendices 30 and 30A.	<input type="checkbox"/> <i>Parte D</i> - Lista de administraciones cuyo acuerdo se necesita para terminar el procedimiento del Artículo 4, de conformidad con el § 4.2.14ter del Artículo 4 de los Apéndices 30 y 30A.

<b>RÉFÉRENCE DE LA SECTION SPECIALE (BR IFIC / DATE)</b> <b>SPECIAL SECTION REFERENCE (BR IFIC / DATE)</b> <b>REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)</b>
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Disposition Provision Disposición 條款 Положение الحكم	Liste des administrations dont l'accord est nécessaire pour mener à bien la procédure de l'Article 4	List of administrations whose agreements are required for completion of the Article 4 procedure	Lista de administraciones cuyo acuerdo se necesita para terminar el procedimiento del Artículo 4
	为完成第 4 条程序而需征得其同意的主管部门清单	Список администраций, согласие которых необходимо для завершения процедуры Статьи 4	قائمة الإدارات التي تعتبر موافقتها ضرورية لإكمال إجراء المادة 4
A30A#4.2.2A / A30A#4.2.2B			
A30#4.2.3A / A30#4.2.3B			
A30#4.2.3C / A30A#4.2.2C			
A30#4.2.3D			
A30#4.2.3E6			
A30#4.2.3E7			
A30#4.2.3F			
A30A#4.1.1D (Art. 2A.2)			



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ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Caractéristiques des assignations ou des allotissements de fréquence publiés en application de l'Article 5, 6 ou 7 de l'Appendice 30B du Règlement des radiocommunications

Characteristics of frequency assignments or allotments published in application of Article 5, 6 or 7 of Appendix 30B to the Radio Regulations

Características de las asignaciones o adjudicaciones de frecuencia publicadas en aplicación del Artículo 5, 6 o 7 del Apéndice 30B del Reglamento de Radiocomunicaciones

La présente Section spéciale concerne l'application des procédures susmentionnées dans les bandes de fréquences indiquées ci-après par une croix (X) dans la case appropriée.

This Special Section concerns the application of the above-mentioned procedures in the frequency bands indicated below by an X in the relevant box.

Esta Sección Especial se refiere a la aplicación de los procedimientos mencionados en las bandas de frecuencias señaladas con una X en la casilla correspondiente.

6/4 GHz  
 13/10-11 GHz

6/4 GHz  
 13/10-11 GHz

6/4 GHz  
 13/10-11 GHz

Elle concerne les dispositions de l'Appendice 30B indiquées ci-après par une croix (x) dans la case appropriée.	It relates to the Appendix 30B provisions indicated below by an X in the relevant box.	Se refiere a las disposiciones del Apéndice 30B señaladas con una X en la casilla correspondiente.
<input type="checkbox"/> § 5.6 de l'Article 5	<input type="checkbox"/> § 5.6 of Article 5	<input type="checkbox"/> § 5.6 del Artículo 5
<input type="checkbox"/> § 6.33 de l'Article 6	<input type="checkbox"/> § 6.33 of Article 6	<input type="checkbox"/> § 6.33 del Artículo 6
<input type="checkbox"/> § 6.49 de l'Article 6	<input type="checkbox"/> § 6.49 of Article 6	<input type="checkbox"/> § 6.49 del Artículo 6
<input type="checkbox"/> Article 7	<input type="checkbox"/> Article 7	<input type="checkbox"/> Artículo 7

SOU MIS AU TITRE DE SUBMITTED UNDER SOMETIDO CON ARREGLO A	<b>§ 6.57</b>	DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES EXPIRY DATE FOR THE RECEIPT OF COMMENTS FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>AP30B/A6A</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC/ FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Publication au titre des dispositions de l'Article 6 de l'Appendice 30B du Règlement des radiocommunications	Publication under provisions of Article 6 of Appendix 30B to the Radio Regulations	Publicación con arreglo a las disposiciones del Artículo 6 del Apéndice 30B del Reglamento de Radiocomunicaciones
Renseignements concernant: [ ] une fiche de notification reçue au titre du § 6.1, ou [ ] une fiche de notification considérée comme une soumission au titre du § 6.1 conformément au § 7.7 de l'Article 7.	Information regarding: [ ] Notice received under § 6.1, or [ ] Notice treated as a submission under § 6.1 in accordance with § 7.7 of Article 7.	Información relativa a: [ ] Notificación recibida con arreglo al § 6.1, o [ ] Notificación tramitada como una presentación con arreglo al § 6.1 de conformidad con el § 7.7 del Artículo 7.
Examinés et publiés conformément aux dispositions suivantes de l'Article 6: [ ] Assignations examinées au titre des § 6.3, 6.5 et 6.6 et publiées au titre du § 6.7. [ ] Assignations examinées au titre du § 6.3 et retournées à l'administration notificatrice au titre du § 6.4.	Examined and published in accordance with the following provisions of Article 6: [ ] Assignments examined under § 6.3, § 6.5 and § 6.6, and published under § 6.7. [ ] Assignments examined under § 6.3 and returned to the notifying administration under § 6.4.	Examinada y publicada de conformidad con las siguientes disposiciones del Artículo 6: [ ] Asignaciones examinadas con arreglo al § 6.3, § 6.5 y § 6.6 y publicadas con arreglo al § 6.7. [ ] Asignaciones examinadas con arreglo al § 6.3 y devueltas a la administración notificante con arreglo al § 6.4.

<b>DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES :</b> <b>EXPIRY DATE FOR THE RECEIPT OF COMMENTS :</b> <b>FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS :</b>
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N <sup>o</sup> SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>AP30B/A6B</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC/ FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Publication au titre des dispositions de l'Article 6 de l'Appendice 30B du Règlement des radiocommunications	Publication under provisions of Article 6 of Appendix 30B to the Radio Regulations	Publicación con arreglo a las disposiciones del Artículo 6 del Apéndice 30B del Reglamento de Radiocomunicaciones
Renseignements concernant la fiche de notification reçue au titre du § 6.17, examinés et publiés conformément à l'une des dispositions suivantes de l'Article 6:	Information regarding the notice received under § 6.17, examined and published in accordance with one of the following provisions of Article 6:	Información relativa a las notificaciones recibidas con arreglo al § 6.17, examinadas y publicadas de conformidad con una de las siguientes disposiciones del Artículo 6:
[ ] Fiche de notification examinée au titre des § 6.19, 6.21 et 6.22, assignations correspondantes inscrites dans la Liste et publiées au titre du § 6.23.	[ ] Notice examined under § 6.19, § 6.21 and § 6.22, corresponding assignments entered in the List and published under § 6.23.	[ ] Notificación examinada con arreglo al § 6.19, § 6.21 y § 6.22 y asignaciones correspondientes inscrites en la Lista y publicadas con arreglo al § 6.23.
[ ] Fiche de notification examinée au titre du § 6.19 et retournée à l'administration notificatrice au titre du § 6.20.	[ ] Notice examined under § 6.19 and returned to the notifying administration under § 6.20.	[ ] Notificación examinada con arreglo al § 6.19 y devueltas a la administración notificante con arreglo al § 6.20.
[ ] Fiche de notification examinée au titre des § 6.21 et 6.22 et retournée à l'administration notificatrice au titre du § 6.24.	[ ] Notice examined under § 6.21 and § 6.22 and returned to the notifying administration under § 6.24.	[ ] Notificación examinada con arreglo al § 6.21 y § 6.22 y devueltas a la administración notificante con arreglo al § 6.24.
[ ] Fiche de notification retournée au titre du § 6.24, soumise à nouveau, et assignations correspondantes inscrites provisoirement dans la Liste au titre du § 6.25.	[ ] Notice returned under § 6.24, resubmitted, and corresponding assignments provisionally entered in the List under § 6.25.	[ ] Notificación devuelta con arreglo al § 6.24, presentada de nuevo y asignaciones correspondientes inscrites provisionalmente en la Lista con arreglo al § 6.25.
[ ] Assignation figurant dans la Liste et dont la zone de service a été modifiée au titre du § 6.16	[ ] Assignment in the List and whose service area has been modified under § 6.16	[ ] Asignación que figura en la Lista y cuya área de servicio ha sido modificada con arreglo al § 6.16
[ ] Assignation annulée dans la Liste et allotissement réintégré dans le Plan de l'Appendice 30B au titre des § 6.33 a), 6.33 b) et 6.33 c).	[ ] Assignment cancelled from the List and allotment reinstated in the Appendix 30B Plan under § 6.33 a) § 6.33 b) and § 6.33 c).	[ ] Asignaciones canceladas de la Lista y adjudicación reincorporada en el Plan del Apéndice 30B con arreglo al § 6.33 a) § 6.33 b) y § 6.33 c).
[ ] Allotissement inscrit dans le Plan de l'Appendice 30B au titre du § 6.35 conformément à une décision de la CMR.	[ ] Allotment entered in the Appendix 30B Plan under § 6.35 according to a WRC decision.	[ ] Adjudicación inscrita en el Plan del Apéndice 30B con arreglo al § 6.35 de acuerdo con una decisión de la CMR.



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>AP30B/A7</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC/ FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Publication au titre des dispositions de l'Article 7 de l'Appendice <b>30B</b> du Règlement des radiocommunications	Publication under provisions of Article 7 of Appendix <b>30B</b> to the Radio Regulation	Publicación con arreglo a las disposiciones del Artículo 7 del Apéndice <b>30B</b> del Reglamento de Radiocomunicaciones
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Informations concernant un nouvel allotissement inscrit dans le Plan de l'Appendice <b>30B</b> et publié conformément au §7.6 à la suite d'une demande émanant d'un Etat Membre de l'Union reçue au titre du §7.2 et examinée conformément au §7.5 de l'Article 7 de l'Appendice <b>30B</b>	Information concerning a new allotment entered in the Appendix <b>30B</b> Plan and published in accordance with §7.6 following a request received under §7.2 from a new Member State of the Union and examined in accordance with §7.5 of Article 7 of Appendix <b>30B</b>	Información relativa a una nueva adjudicación inscrita en el Plan del Apéndice <b>30B</b> y publicada de conformidad con el §7.6 tras una petición recibida con arreglo al §7.2 de nuevo Estado Miembro de la Unión y examinada de acuerdo con el §7.5 del Artículo 7 del Apéndice <b>30B</b>
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IDENTIFICATION DU FAISCEAU BEAM IDENTIFICATION IDENTIFICACIÓN DEL HAZ		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>AP30/P/</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
DATE DE RÉCEPTION DATE OF RECEIPT FECHA DE RECEPCIÓN			

Caractéristiques des nouvelles assignments de fréquence incluses dans le Plan pour les Régions 1 et 3 conformément à la décision de la Conférence mondiale des radiocommunications, à la suite de la demande faite au titre du § 4.1.26 ou du § 4.1.27 de l'Appendice 30.	Characteristics of new frequency assignments included in the Regions 1 and 3 Plan pursuant to the decision of the World Radiocommunication Conference on the request made under § 4.1.26 or § 4.1.27 of Appendix 30.	Características de las nuevas asignaciones de frecuencias incluidas en el Plan para las Regiones 1 y 3 de conformidad con la decisión de la Conferencia Mundial de Radiocomunicaciones sobre la petición formulada en §4.1.26 ó §4.1.27 del Apéndice 30.
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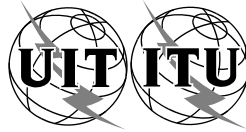
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IDENTIFICATION DU FAISCEAU BEAM IDENTIFICATION IDENTIFICACIÓN DEL HAZ		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>AP30A/P/</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
DATE DE RÉCEPTION DATE OF RECEIPT FECHA DE RECEPCIÓN			

Caractéristiques des nouvelles assignments de fréquence incluses dans le Plan pour les Régions 1 et 3 conformément à la décision de la Conférence mondiale des radiocommunications, à la suite de la demande faite au titre du § 4.1.26 ou du § 4.1.27 de l'Appendice <b>30A</b> .	Characteristics of new frequency assignments included in the Regions 1 and 3 Plan pursuant to the decision of the World Radiocommunication Conference on the request made under § 4.1.26 or § 4.1.27 of Appendix <b>30A</b> .	Características de las nuevas asignaciones de frecuencias incluidas en el Plan para las Regiones 1 y 3 de conformidad con la decisión de la Conferencia Mundial de Radiocomunicaciones sobre la petición formulada en §4.1.26 ó §4.1.27 del Apéndice <b>30A</b> .
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RESEAU A SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPECIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>RES4</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		IFIC / DATE IFIC / DATE IFIC/ FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Conformément aux dispositions de la Résolution 4, les mesures suivantes ont été prises:	Pursuant to the provisions of Resolution 4, the following actions have been taken.	De conformidad con lo dispuesto en la Resolución 4, se han adoptado las siguientes medidas.
---	--	---

<input type="checkbox"/>	La durée de validité des assignations de fréquence à la station spatiale considérée qui est inscrite dans le Fichier de référence a été prolongée comme indiqué dans la présente Section spéciale, ainsi que l'administration notificatrice en avait fait la demande conformément au point 1.2 du <i>décide</i> de la Résolution 4.	The period of validity for the frequency assignments to this space station recorded in the Master Register has been extended as indicated in this Special Section and as requested by the notifying Administration in accordance with resolves 1.2 of Resolution 4.	Según se indica en la presente Sección Especial, se ha prolongado la duración de validez de las asignaciones de frecuencias a esta estación espacial inscrita en el Registro, a resultas de la solicitud de notificante y de conformidad con el <i>resuelve</i> 1.2 de la Resolución 4.
<input type="checkbox"/>	La durée de fonctionnement des assignations de fréquence inscrite dans le Fichier de référence, telle qu'indiquée dans la présente Section spéciale, est arrivée à expiration. Le Bureau a invité l'administration notificatrice à annuler le réseau du Fichier de référence, mais n'a pas reçu de réponse dans un délai de trois mois suivant l'expiration de la durée de fonctionnement. Conformément au point 1.1 du <i>décide</i> de la Résolution 4, le symbole RS4#1.1 doit être inséré dans la colonne Observations (colonne 13B1), en ce qui concerne les assignations de fréquence énumérées dans la présente Section spéciale, pour indiquer que ces assignations ne sont pas conformes à la Résolution 4.	The period of operation for the frequency assignments recorded in the Master Register listed in this Special Section has expired. The Bureau invited the notifying Administration to cancel the network from the Master Register, but no reply has been received within 3 months following the expiry of the period of operation. In accordance with resolves 1.1 of Resolution 4, the symbol RS4#1.1 shall be inserted in the Remarks column (13B1) for the frequency assignments listed in this Special Section to indicate that they are not in compliance with Resolution 4.	Ha expirado el plazo de funcionamiento de las asignaciones de frecuencia inscritas en el Registro que se indican en la Sección Especial. La Oficina invitó a la Administración que suprimir dicha red en el Registro, pero no se recibió ninguna respuesta durante los tres meses transcurridos tras la expiración del plazo de funcionamiento. A tenor del <i>resuelve</i> 1.1 de la Resolución 4, se inscribirá en la columna Observaciones (13B1) correspondiente a las asignaciones de frecuencias enumeradas en esta Sección Especial el símbolo RS4#1.1, para indicar que estas asignaciones no son conformes con la Resolución 4.



<b>CIRCULAIRE HEBDOMADAIRE / DATE</b> <b>WEEKLY CIRCLAR / DATE</b> <b>CIRCULAR SEMANAL / FECHA</b>	<b>SECTION SPÉCIALE N°</b> <b>SPECIAL SECTION No.</b> <b>SECCIÓN ESPECIAL N.º</b>	<b>RES42</b> (Système intérimaire du service de radiodiffusion par satellite) (Interim system in the Broadcasting-Satellite Service) (Sistema provisional del Servicio de Radiodifusión por Satélite)
<b>RESEAU A SATELLITE</b> <b>SATELLITE NETWORK</b> <b>RED DE SATÉLITE</b>	<b>ADMINISTRATION RESPONSABLE</b> <b>RESPONSIBLE ADMINISTRATION</b> <b>ADMINISTRACIÓN RESPONSABLE</b>	
<b>RENSEIGNEMENTS RECUS PAR LE BUREAU LE :</b> <b>INFORMATION RECEIVED BY THE BUREAU ON :</b> <b>INFORMACIÓN RECIBIDA POR LA OFICINA EL :</b>		

Procédure relative à l'utilisation de systèmes intérimaires du service de radiodiffusion par satellite dans les bandes couvertes par le Plan de l'Appendice 30 pour la Région 2 (12,2 – 12,7 GHz)

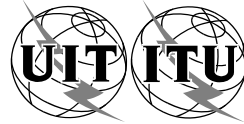
Procedure relating to the use of interim systems in the Broadcasting-Satellite Service in the bands covered by the Appendix 30 Plan for Region 2 (12.2 – 12.7 GHz)

Procedimiento relativo a la utilización de sistemas provisionales del Servicio de Radiodifusión por Satélite en las bandas abarcadas por el Plan del apéndice 30 para la Región 2 (12,2 – 12,7 GHz)

Caractéristiques des assignations de fréquence publiées en application du paragraphe 6 de l'annexe à la Résolution 42 du Règlement des radiocommunications.

Characteristics of the frequency assignments published in application of paragraph 6 of the Annex to Resolution 42 of the Radio Regulations.

Características de las asignaciones de frecuencia publicadas en aplicación del punto 6 del anexo a la Resolución 42 del Reglamento de Radiocomunicaciones.



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<b>RÉSEAU À SATELLITE</b> <b>SATELLITE NETWORK</b> <b>RED DE SATÉLITE</b>		<b>SECTION SPÉCIALE N°</b> <b>SPECIAL SECTION No.</b> <b>SECCIÓN ESPECIAL N.º</b>	<b>RES49</b>
<b>ADM. RESPONSABLE</b> <b>RESPONSIBLE ADM.</b> <b>ADM. RESPONSABLE</b>	<b>LONGITUDE NOMINALE</b> <b>NOMINAL LONGITUDE</b> <b>LONGITUD NOMINAL</b>	<b>BR IFIC / DATE</b> <b>BR IFIC / DATE</b> <b>BR IFIC / FECHA</b>	
<b>NUMÉRO D'IDENTIFICATION LIÉ</b> <b>LINKED IDENTIFICATION NUMBER</b> <b>NÚMERO DE IDENTIFICACIÓN ASOCIADO</b>		<b>NUMÉRO D'IDENTIFICATION</b> <b>IDENTIFICATION NUMBER</b> <b>NÚMERO DE IDENTIFICACIÓN</b>	
<b>RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL</b>			

	<b>Les renseignements ont été reçus conformément aux § 4, 5 ou 6 de l'annexe 1 à la Résolution 49. Ils sont publiés par le Bureau des radiocommunications en application du § 8 de cette même annexe.</b>	<b>This information has been received pursuant to § 4, 5 or 6 of Annex 1 to Resolution 49. It is published by the Radiocommunication Bureau in accordance with § 8 of that Annex.</b>	<b>La información ha sido recibida de conformidad con los § 4, 5 ó 6 del Anexo 1 a la Resolución 49. Se publica por la Oficina de Radiocomunicaciones en virtud del § 8 de este anexo.</b>
Ces renseignements sur le réseau à satellite sont soumis dans le cadre de		This information is submitted on the satellite network within the scope of	
§ 1	Annexe 1 à la Résolution 49	Annex 1 to Resolution 49	Anexo 1 a la Resolución 49
§ 2			
§ 3			

Informations détaillées aussi disponibles sur:

- les bases de données SRS ou SPS que l'on peut consulter à l'aide du logiciel SpaceQry

ou

- Space Network Systems Online Service: <http://www.itu.int/sns/>

Detailed information also available on the:

- SRS or SPS databases which can be viewed using SpaceQry software

or

- Space Network Systems Online Service: <http://www.itu.int/sns/>

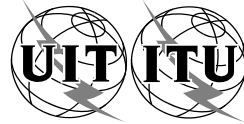
Información detallada también disponible en:

- las bases de datos SRS o SPS que pueden consultarse utilizando el programa SpaceQry

o

- Space Network Systems Online Service: <http://www.itu.int/sns/>





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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE	SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>RES148</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL		

Prorogation de la période de validité notifiée des systèmes à satellites précédemment énumérés dans la Partie B du Plan de l'Appendice 30B (CAMR-Orb-88) en application de la Résolution 148 (CMR-07).	Extension of the notified period of validity of satellite systems formerly listed in Part B of the Appendix 30B Plan (WARC Orb-88) in application of Resolution 148 (WRC-07).	Ampliación del periodo de validez de la lista de sistemas de satélites que figuraba anteriormente en la Parte B del Plan del Apéndice 30B (CAMR ORB-88), en aplicación de la Resolución 148 (CMR-07).
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Suite à la demande de l'Administration notificatrice, la période de validité des assignations de fréquence du système à satellites considéré a été prorogée conformément au point 4 du "décide" de la Résolution 148.	Subsequent to the request of the notifying Administration, the period of validity of the frequency assignments of the subject satellite system has been extended in accordance with <i>resolves 4</i> of Resolution 148.	Como consecuencia de la solicitud de la Administración notificante, el periodo de validez de las asignaciones de frecuencias del sistema de satélite en cuestión se ha ampliado con arreglo al <i>resuelve 4</i> de la Resolución 148.
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>RES552</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

Les renseignements ont été reçus conformément aux § 1 ou 5 de l'annexe 1 à la Résolution 552 (WRC-2012). Ils sont publiés par le Bureau des radiocommunications en application du § 4 et § 6 de cette même annexe.	This information has been received pursuant to § 1 or 5 of Annex 1 to Resolution 552 (WRC-2012). It is published by the Radiocommunication Bureau in accordance with § 4 and § 6 of that Annex.	La información ha sido recibida de conformidad con los § 1 ó 5 del Anexo 1 a la Resolución 552 (WRC-2012). Se publica por la Oficina de Radiocomunicaciones en virtud del § 4 y § 6 de este anexo.
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Informations détaillées aussi disponibles sur:

- les bases de données SRS ou SPS que l'on peut consulter à l'aide du logiciel SpaceQry
- ou
- Space Network Systems Online Service: <http://www.itu.int/sns/>

Detailed information also available on the:

- SRS or SPS databases which can be viewed using SpaceQry software
- or
- Space Network Systems Online Service: <http://www.itu.int/sns/>

Información detallada también disponible en:

- las bases de datos SRS o SPS que pueden consultarse utilizando el programa SpaceQry
- o
- Space Network Systems Online Service: <http://www.itu.int/sns/>

## CHAPTER 3

### Space Radiocommunication Stations Database on the BR IFIC DVD-ROM

The Space Radiocommunication Stations (SRS) database is a service document published (in electronic form) by the Bureau pursuant to Article **20** of the Radio Regulations. It contains information (alphanumeric and graphical) relating to satellite networks and earth stations recorded in the Master Register or in the process of coordination in accordance with Section II of Article **9** (Nos. **9.6** and **9.17**) of the Radio Regulations and maintained by the Bureau in the Space Networks Systems (SNS) data format. The SRS database also contains information submitted to the Bureau under the procedures relating to the Advance Publication of Information in accordance with Section I of Article **9** and Administrative Due Diligence (**Resolution 49**).

The SRS database provides the user with a local copy of this information on a personal computer equipped with a DVD reader. The information retrieval software provided with the BR IFIC DVD-ROM (BR-SIS SpaceQry) runs under the Microsoft Windows® operating systems MS-Windows 10 and allows the user to access the data by such criteria as space/earth station name, orbital position (or range of orbital positions), space/earth administration, country, geographical coordinates, class of station, assigned frequency (or range of assigned frequencies) and category (coordination/notification). It permits the user to navigate within the set of data retrieved, to print some or all of the data.

GIMS (Graphical Interference Management software), which is also distributed on BR IFIC DVD-ROM, allows the user to view the graphical data (consisting of diagrams for the geostationary space station antenna gain contours, the associated service area(s), the gain of the space station antenna towards the geostationary orbit and graphical data for non-geostationary satellite networks).

## SECTION III

### CHAPTER 1

#### Details relating to the contents of the SNS data items published in Parts I-S, II-S, III-S and the Special Sections and databases of the BR IFIC DVD-ROM

##### General explanation of the tables

This document provides a description of the database that is provided on the SRS database on the BR IFIC DVD-ROM in the form of an MS-Access database (SRSXXXX.MDB<sup>1</sup>/IFICXXXX.mdb<sup>1</sup>/SPS\_ALL\_IFICXXXX.MDB<sup>2</sup>/30B\_XXXX.MDB<sup>3</sup>). This description can also be considered to apply to the submission of Appendix 4 information on space services that were announced in BR Circular Letter CR/211 dated 10<sup>th</sup> May 2004. Software is provided on BR IFIC DVD-ROM which will facilitate the electronic submission of space notices.

The data are presented in the following pages in the form of relational tables.

NOTE 1 (paragraph 1.1) gives a brief description of these tables. The tables can be considered as being divided into four categories: Appendix 4 submitted data, BR data, reference tables and BR internal data. The attachment describes all the tables in all these categories; however, for the purposes of electronic submission, only the first category listed (Appendix 4 submitted data) should be considered by your Administration. Additionally, only the data-items marked with “x” in the columns 4/2, 4/3 or Plan of these tables should be provided in the submission. There are data-items that appear many times in these tables; they should be provided only if marked “x” in the columns 4/2, 4/3 or Plan.

**Annex 1** to the attachment presents an entity-relationship diagram used as a basis for deriving these tables; it shows the tables and their relationships. This diagram is also shown in **Annex 3** with the tables grouped into sets. **Annex 4** presents the same diagram with only the tables that are required for submitting notices for satellite networks under Appendix 4, Annex 2. **Annex 5** presents the same diagram showing only the tables that are required for submitting notices for earth stations under Appendix 4, Annex 2. A description of the columns that are in this attachment is presented below:

1. **Column Table Name**

This column contains the names of the tables (which are the entities in the entity-relationship diagram) according to which the data-items in the next column are grouped together.

2. **Column Data-item**

In this column, the data-items contained in the tables are listed. The data-items that are to be submitted electronically are marked by an “x” in columns 4/2, 4/3 and Plan (see paragraphs 4, 5 and 6). Data-items that are in bold *italic* type form the primary key of the corresponding table (NOTE 1 provides a definition of primary key).

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<sup>1</sup> Database containing data for space services not subject to space Plans.

<sup>2</sup> Database containing data for space services subject to Plans under Appendices 30 and 30A of Radio Regulations.

<sup>3</sup> Database containing data for space services subject to Plan under Appendix 30B of Radio Regulations.

### 3. Column Format

The format of the data-item is described here. It should be noted that this format is related to the description of the field on the corresponding form of notice.

The Radiocommunication Bureau (BR) will accept these tables only as a Microsoft Access Database file in the format described herein. BR has developed a PC-based software package (running under MS-Windows) that permits the generation of electronic notices in MS-Access table format as defined by this Circular Letter. This software is provided on the BR IFIC DVD-ROM and can be also downloaded from the BR's web site at : <http://www.itu.int/ITU-R/go/space-software/en>.

The format descriptions used in the tables should be read as follows:

Value	Description
X	used to describe alphanumeric data. e.g. X(9) specifies a 9 character field containing alphanumeric data XXX is equivalent to X(3).
9	used to describe digits
“ . ”	shows the position of a decimal point
S	shows that the numeric field can contain positive or negative values e.g. S999.99 implies a numeric field with a range of values from -999.99 to +999.99 99 implies a numeric field with a range of values from 0 to 99
n:	applied to non-planned services only (including Article 2A of Appendices 30 and 30A)
p:	applied to planned services only

Null values for data-items (i.e. data-items that are not present in the submission) can be provided as follows. Since the submission is provided in a Microsoft Access database file, all data-items (alphanumeric and numeric) which are null should be specified as null (which is a valid data value in the Microsoft Access database).

Files and file-names: all tables are contained in one physical file which can be provided with a file-name containing a Windows compatible alphanumeric name followed by the extension “.MDB”.

### 4. Column 4/2 (applicable to satellite networks)

An “x”<sup>4</sup> is specified in this column if the corresponding data-item is to be submitted according to Appendix 4 (for a satellite network including submission under Article 2A of Appendices 30 and 30A). If nothing is specified in this column for a particular data-item, this implies that the data-item is not to be provided.

### 5. Column 4/3 (applicable to earth stations)

An “x”<sup>4</sup> is specified in this column if the corresponding data-item is to be submitted according to Appendix 4 (for an earth station). If nothing is specified in this column for a particular data-item, this implies that the data-item is not to be provided.

<sup>4</sup> See Annex 2 to Appendix 4 to know whether submission of a data item for a specific type of submission is optional or mandatory.

6. Column **Plans** (applicable to space plans – Articles 4 and 5 of Appendices 30 and 30A, Articles 6 and 8 of Appendix 30B)

An “x”<sup>4</sup> is specified in this column if the corresponding data-item is to be submitted according to (or is applicable to) Appendix 4 (for the appropriate space plan). If nothing is specified in this column for a particular data-item, this implies that the data-item is not to be provided. If the column contains ‘30’, ‘30A’ or ‘30B’, then that data item is applicable only for that specific plan.

7. Column **Description**

A brief description of the corresponding data-item is provided here.

8. Column **Comment**

This column provides a brief remark for the corresponding data-item, if found necessary.

## Details relating to the contents of the SNS data items published in Part I-S, II-S, III-S and the Special Sections of the BR IFIC

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
<b>adm_assoc</b>							<b>Administration list “on behalf of” which submitted</b>	
	<i>ntc_id</i>	BR	9(9)	x		x	unique identifier of the notice	PK, FK; see NOTE 1
	<i>adm</i>	A.1.f.2	X(3)	x		x	country symbol of the notifying administration	PK; see NOTE 1
<b>assgn</b>							<b>Assigned frequency</b>	
	<i>grp_id</i>		9(9)	x	x	x	unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x	x	x	sequence number	PK; see NOTE 1
	<i>freq_sym</i>	C.2.a.1.a	X	x	x	x	symbol indicating kilohertz [K], megahertz [M] or gigahertz [G]	
	<i>freq_assgn</i>	C.2.a.1.b	9(7).9(6)	x	x	x	assigned frequency	
	<i>freq_mhz</i>	BR	9(7).9(6)				frequency in MHz	derived data
	<i>f_cmp_rec</i>	BR	X			code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data	
<b>attach</b>							<b>Attachment information</b>	see NOTE 2
	<i>ntc_id</i>	BR	9(9)	x	x	x	unique identifier of the notice	PK, FK; see NOTE 1
	<i>attach_no</i>		9(4)	x	x	x	number of the attachment	PK; see NOTE 1
	<i>attach_type</i>		X	x	x	x	code indicating if the attachment is in paper [P], GIMS [G], or electronic [E] format	
	<i>file_name</i>		X(255)	x	x	x	the name of the file in case the attachment is provided in electronic form	
	<i>text_info</i>		X(255)	x	x	x	textual information	not mandatory
<b>c_pfd</b>		A.17					<b>Compliance with pfd limits</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x			sequence number	PK; see NOTE 1
	<i>freq_min</i>		9(7).9(6)	x			lower frequency limit of the band [MHz]	
	<i>freq_max</i>		9(7).9(6)	x			upper frequency limit of the band [MHz]	
	<i>pfd</i>		S9(3).9(2)	x			pfd value in dB(W/m <sup>2</sup> )	
	<i>bdwidth</i>		9(8)	x			bandwidth (in kHz) over which pfd was calculated	
	<i>ra_stn_type</i>		X	x			type of radio astronomy station: S - single-dish, V - VLBI	
<b>carrier_fr</b>							<b>carrier frequency of the emissions</b>	
	<i>grp_id</i>		9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_emiss</i>		9(4)	x			sequence number of the emission	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x			sequence number	PK; see NOTE 1
	<i>freq_carr</i>	C.7.b	9(6).9(6)	x			carrier frequency in MHz	
<b>cmr_grp_link</b>							<b>To link 'cmr_syst' to 'grp'</b>	
	<i>ntc_id</i>		9(9)				unique identifier of the notice	PK, FK; see NOTE 1
	<i>seq_cmr</i>		9(4)				sequence number of the commercial system pertaining to the network submitted on the notice	PK, FK; see NOTE 1
	<i>grp_id</i>		9(9)				unique identifier of the group (Res49)	PK, FK; see NOTE 1

## SECTION III - Chapter 1: Details relating to the contents of the SNS data items

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
<b>cmr_notice</b>				x			<b>Table linking Res552 submission and ITU spacecraft Id.</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>itu_scraft_id</i>		9(9)	x			unique identifier of the spacecraft	PK, FK
	<i>d_reg_st</i>		9(8)	x			Date of first bringing into use / suspending / resuming	
	<i>reg_st</i>		X	x			code indicating regulatory status (F = First bringing into use, S = Suspended, R= Resumed)	
	<i>rsn_susp</i>		X(255)	x			reason for suspension	
<b>cmr_syst</b>							<b>Table to identify commercial satellite system submitted under RES49</b>	
	<i>ntc_id</i>	BR	9(9)	x		x	unique identifier of the notice	PK, FK; see NOTE 1
	<i>seq_no</i>	BR	9(4)	x		x	sequence number of the commercial system pertaining to the network submitted on the notice	PK; see NOTE 1
	<i>ntwk_name</i>		X(20)	x		x	commercial name of the satellite	
	<i>lsp_name</i>		X(20)	x		x	name of the launch service provider	
	<i>vehicle</i>		X(20)	x		x	name of the launch vehicle	
	<i>d_exe</i>		9(8)	x		x	date of execution of the launch contract	
	<i>d_deliv_fr</i>		9(8)	x		x	starting limit of the anticipated launch or in-orbit "delivery window"	
	<i>d_deliv_to</i>		9(8)	x		x	end limit of the anticipated launch or in-orbit "delivery window"	
	<i>facility</i>		X(20)	x		x	name of the launch facility	
	<i>mfct_name</i>		X(20)	x		x	name of the manufacturer	
	<i>nbr_sat</i>		9(4)	x		x	number of satellites procured	
	<i>d_exe_m</i>		9(8)	x		x	date of execution of the contract	
	<i>d_deliv_fr_m</i>		9(8)	x		x	starting limit of the contractual "delivery window"	
	<i>d_deliv_to_m</i>		9(8)	x		x	end limit of the contractual "delivery window"	
<b>coord_agre_e_ntw</b>		A5/A6		x			<b>Network-level coordination agreements</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>coord_prov</i>	A.5.c/A.6.c	X(20)	x			provision code for form of coordination	PK;
	<i>adm</i>	A.5.a.1/A.6.a	X(3)	x			country symbol of the notifying administration	
	<i>ntwk_org</i>	A.5.a.2/A.6.b	X(3)	x			symbol of the organization operating regional or international networks (Table 2 of the Preface to the International Frequency List)	
	<i>sat_name</i>	A.5.a.2.a/A.6.a.1	X(30)	x			name of the satellite network or system for which agreement has been successfully effected/reached for all notified assignments	PK;
	<i>long_nom</i>		S9(3).9(2)	x			nominal longitude of the space station identified in A.5.a.2.a/A.6.a.1, give '-' for West '+' for East	
<b>diag_grp</b>							<b>Diagrams attached to the group (for NGSO only)</b>	
	<i>grp_id</i>		9(9)	x		x	unique identifier of the group	PK, FK; see NOTE 1
	<i>diag_type</i>		X(5)	x		x	type of the diagram	PK
	<i>diag_no</i>		9(2)	x		x	number of the diagram in GIMS	
	<i>attch_no</i>		9(2)	x		x	number of the attachment	
<b>e_ant</b>							<b>Earth station antenna</b>	
	<i>ntc_id</i>		9(9)		x		unique identifier of the notice	PK, FK; see NOTE 1
	<i>emi_rcp</i>	B.2	X		x		code identifying a beam as either transmitting [E] or receiving [R]	PK



**SECTION III - Chapter 1: Details relating to the contents of the SNS data items**

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	<i>beam_name</i>	B.1.a	X(8)		x		designation of the satellite antenna beam	PK
	act_code		X		x		code indicating the action to be taken on the entity	see NOTE 3
	beam_old		X(8)		x		previous designation of the satellite antenna beam	in case the beam designation is to be changed
	bmwidth	B.5.b	9(3).9(2)		x		beamwidth of the earth station antenna	
	attach_e	B.5.c.1	9(2)		x		number of the attachment for the co-polar radiation pattern diagram	see NOTE 2
	attach_e_x	B.5.c.1.b	9(2)				number of the attachment for the cross-polar radiation pattern diagram	see NOTE 2
	gain	B.5.a	S9(2).9(1)		x		maximum isotropic gain of the earth station antenna	
	pattern_id	B.5.c.2.a	9(4)		x		unique identifier of the co-polar radiation pattern in the reference table ant_type	see NOTE 4
	pattern_id_x	B.5.C.2.B	9(4)				unique identifier of the cross-polar radiation pattern in the reference table ant_type	see NOTE 4
	ant_diam	A.7.f	9(3).9(2)		x		antenna diameter (meters)	
	dgso	B.5.d	9(3).9(2)		x	30B	Antenna dimension aligned with the geostationary arc (DGSO) (m)	
	attach_crdn	A.10.a	9(2)		x		number of the attachment for the earth station coordination diagram	see NOTE 2
	f_fdg_reqd		X				code indicating if finding is required	BR internal data
	cmp_ntc_id		9(9)				ntc_id of the second beam if two beams are compared	BR internal data
	cmp_beam		X(8)				beam_name of the second beam if two beams are compared	BR internal data
	f_cmp_str		X				code indicating if two structures compared are equal [E], have basic differences [B], have non-basic differences [N] or the second structure is not found [X]	BR internal data
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>e_ant_elev</b>							<b>Earth antenna elevation</b>	
	<i>ntc_id</i>		9(9)		x	x	unique identifier of the notice	PK, FK; see NOTE 1
	<i>azm</i>	A.7.e.1	9(3).9		x	x	azimuth in degrees measured clockwise from true north for which the antenna elevation angle is given in the data-item "elev_ang"	PK
	elev_ang	A.7.e.2	S9(2).9		x	x	minimum elevation angle in degrees of the antenna in the azimuth given in data-item "azm"	
	f_cmp_rec		X			Null	code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>e_as_stn</b>							<b>Associated earth station</b>	
	<i>grp_id</i>		9(9)	x		x	unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x		x	sequence number	PK; see NOTE 1
	e_as_id		9(9)				identifier of associated earth station	BR internal data
	stn_name	C.10.b.1	X(30)	x		30A	name of the transmitting or receiving station	
	stn_type	C.10.b.2	X	x		x	code indicating if the earth station is specific [S] or typical [T]. Code [P] indicates test points for a network (except Article 2A) subject to a plan and Res553	

**SECTION III - Chapter 1: Details relating to the contents of the SNS data items**

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	long_dec		S9(3).9(4)			x	longitude in degrees with four decimals	derived data
	lat_dec		S9(2).9(4)			x	latitude in degrees with four decimals	derived data
	ant_alt		S9(4)			x	altitude of the earth station antenna in meters	
	clim_zone		X			x	rain climatic zone	
	noise_t	C.10.d.6	9(6)	x		30B	total receiving system noise temperature, expressed in kelvins referred to the output of the receiving antenna	
	gain	C.10.d.3	n:S9(2).9(1) ) p:S9(2).9(2) )	x		x	maximum isotropic gain of the antenna expressed in dB with one decimal position	
	ant_diam	C.10.d.7 / C.10.d.8	9(3).9(4)	x		30/30A	diameter of the earth station antenna (in meters) or the equivalent antenna diameter, (i.e. the diameter, in metres, of a parabolic antenna with the same off-axis performance as the receiving associated earth station antenna)	
	dgso	C.10.d.9	9(3).9(2)	x		30B	Antenna dimension aligned with the geostationary arc (DGSO) (m)	
	bmwidth	C.10.d.4	9(3).9(2)	x		x	angular width of radiation main lobe expressed in degrees with two decimal positions	
	pattern_id	C.10.d.5.a.1	9(4)	x		x	the key to the reference table for the co-polar antenna radiation pattern	see NOTE 4
	long_deg	C.10.c.1	9(3)	x		30A	degree part of longitude coordinate of the station expressed in degrees, minutes and seconds	
	long_ew	C.10.c.1	X	x		30A	longitude direction indicator: East [E] or West [W]	
	long_min	C.10.c.1	9(2)	x		30A	minute part of longitude coordinate of the station expressed in degrees, minutes and seconds	
	long_sec	C.10.c.1	9(2)	x		30A	second part of longitude coordinate of the station expressed in degrees, minutes and seconds	
	lat_deg	C.10.c.1	9(2)	x		30A	degree part of latitude coordinate of the station expressed in degrees, minutes and seconds	
	lat_ns	C.10.c.1	X	x		30A	latitude direction indicator: North [N] or South [S]	
	lat_min	C.10.c.1	9(2)	x		30A	minute part of latitude coordinate of the station expressed in degrees, minutes and seconds	
	lat_sec	C.10.c.1	9(2)	x		30A	second part of latitude coordinate of the station expressed in degrees, minutes and seconds	
	ctry	C.10.c.2	X(3)	x		30A	symbol of the country or geographical area in which the Earth station is located	
	act_code		X	x			code indicating the action to be taken on the entity	see NOTE 3
	attach_e	C.10.d.5.a.2	9(2)	x		x	number of the attachment for the co-polar radiation pattern diagram	see NOTE 2
	attach_e_x	C.10.d.5.a.2	9(2)	x		x	number of the attachment for the cross-polar antenna radiation pattern diagram	see NOTE 2
	diag_e		9(2)	x		x	number of the co-polar antenna radiation pattern diagram in GIMS	
	diag_e_x		9(2)	x		x	number of the cross-polar antenna radiation pattern diagram in GIMS	
	stn_old	C.10.b	X(30)	x		x	previous name of the transmitting or receiving station	if the associated station name is to be changed
	rcp_type		X			x	code indicating if the reception type is individual [I] or community [C]	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	pwr_max	C.8.g.1	S9(2).9(1)				the maximum aggregate power, in dBW, of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the associated earth station	
	bdwidth_aggr	C.8.g.2	9(6)				the aggregate bandwidth of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the associated earth station	
	f_trp_band	C.8.g.3	X				an indicator showing whether the bandwidth of the transponder corresponds to the aggregate bandwidth of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the associated earth station	
	f_e_change		X	x			For future use when antenna pattern diagrams will be in GIMS	
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>e_srvcls</b>							<b>Nature of service and class of station for an associated earth station</b>	
	<i>grp_id</i>	BR	9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_e_as</i>		9(4)	x			sequence number of the corresponding associated earth station	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x			sequence number	PK; see NOTE 1
	stn_cls	C.10.d.1	X(2)	x	x		class of station code	Table 3 of the Preface
	nat_srv	C.10.d.2	X(2)	x	x		nature of service code	
<b>e_stn</b>		A.7					<b>Earth station</b>	
	<i>ntc_id</i>	BR	9(9)		x		unique identifier of the notice	PK, FK; see NOTE 1
	stn_name	A.1.e.2	X(30)		x		name of the earth station	
	ctry	A.1.e.3.a	X(3)		x		symbol of the country or geographical area in which the Earth station is located	Table 1B of the Preface
	long_deg	A.1.e.3.b	9(3)		x		degree part of longitude coordinate of the station expressed in degrees, minutes and seconds	
	long_ew	A.1.e.3.b	X		x		longitude direction indicator: East [E] or West [W]	
	long_min	A.1.e.3.b	9(2)		x		minute part of longitude coordinate of the station expressed in degrees, minutes and seconds	
	long_sec	A.1.e.3.b	9(2)		x		second part of longitude coordinate of the station expressed in degrees, minutes and seconds	
	lat_deg	A.1.e.3.b	9(2)		x		degree part of latitude coordinate of the station expressed in degrees, minutes and seconds	
	lat_ns	A.1.e.3.b	X		x		latitude direction indicator: North [N] or South [S]	
	lat_min	A.1.e.3.b	9(2)		x		minute part of latitude coordinate of the station expressed in degrees, minutes and seconds	
	lat_sec	A.1.e.3.b	9(2)		x		second part of latitude coordinate of the station expressed in degrees, minutes and seconds	
	sat_name	A.4.c.1	X(30)		x		name of the associated space station	
	long_nom	A.4.c.2	S9(3).9(2)		x		nominal longitude of the associated space station, give “-” for West, “+” for East	in degrees from -179.99 to +180.00
	attch_hor	A.7.a	9(2)		x		the attachment number of the earth station horizon elevation diagram	see NOTE 2

**SECTION III - Chapter 1: Details relating to the contents of the SNS data items**

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	elev_min	A.7.b.1	9(2).9		x		the planned minimum angle of elevation of the antenna's main beam axis, in degrees, from the horizontal plane	
	elev_max	A.7.b.2	9(2).9		x		the planned maximum angle of elevation of the antenna's main beam axis, in degrees, from the horizontal plane	
	azm_fr	A.7.c.1	9(3).9		x		value clockwise from true north for the beginning limit of an azimuthal sector expressed in degrees	
	azm_to	A.7.c.2	9(3).9		x		value clockwise from true north for the end limit of an azimuthal sector expressed in degrees	
	ant_alt	A.7.d	S9(5)		x		altitude of the earth station antenna	
	f_active	BR	X				code indicating if the station is active [A] or inactive [I] i.e.: logically suppressed	BR data
	long_dec		S9(3).9(4)				longitude in degrees with four decimals	derived data
	lat_dec		S9(2).9(4)				latitude in degrees with four decimals	derived data
	f_pfd_se	A.16.b	X		x		flag to indicate commitment that the filed system will meet the single entry power-flux density limits specified in No. 5.502	
<b>emiss</b>							<b>Emission</b>	
	<i>grp_id</i>		9(9)	x	x	x	unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x	x	x	sequence number	PK; see NOTE 1
	design_emi	C.7.a	X(9)	x	x	x	designation of emission	In the case of AP30B this item is required only for submission under Article 8
	pep_max	C.8.b.3.a	n:S9(2).9(1) ) p:S9(2).9(2) )	x	x	30/30A	the maximum/mean value of the peak envelope power, in dBW, supplied to the input of the antenna for each carrier type	
	pwr_ds_max	C.8.b.3.b	n:S9(3).9(1) ) p:S9(3).9(2) )	x	x	x	maximum/mean power density [dBW/Hz]	
	pep_min	C.8.c.1	S9(2).9(1)	x	x		minimum peak envelope power delivered to the antenna [dBW]	
	pwr_ds_min	C.8.c.3	S9(3).9(1)	x	x		minimum power density [dBW/Hz]	
	c_to_n	C.8.e.1	S9(2).9	x	x		C/N (total, clear sky) objective	
	pwr_ds_nbw	C.8.h	S9(3).9(2)			x	power density [dBW/Hz] averaged over the necessary bandwidth	
	pulse_length	C.16.a.1	9(7).9(2)	x			the pulse length in µs	for active sensors
	pulse_rep	C.16.a.2	9(6).9(5)	x			the pulse repetition frequency in kHz	for active sensors
	f_emi_type	C.8.a/C.8.b	X	x			flag indicating that it is not appropriate to identify individual carriers (C.8.b)	
	attch_pep	C.8.c.2	9(2)	x	x		the attachment number providing the reason for absence of the minimum peak power	
	attch_mpd	C.8.c.4	9(2)	x	x		the attachment number providing the reason for absence of the minimum power density	
	attch_c2n	C.8.e.2	9(2)	x	x		the attachment number providing the reason for absence of the carrier-to-noise ratio	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	pwr_ds_nbc		S9(3).9(2)			30B	power density [dBW/Hz] averaged over the necessary bandwidth of a narrow bandwidth carrier	
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>ex_op_grp</b>							<b>Exclusive operation group</b>	
	grp_id	BR	9(9)			x	unique identifier of the group	
	beamgrp_id	C.15.a	X(6)			x	beam group code	
<b>geo</b>							<b>Geostationary space station</b>	
	ntc_id	BR	9(9)	x		x	unique identifier of the notice	
	sat_name	A.1.a	X(30)	x		x	name of the space station	
	long_nom	A.4.a.1	S9(3).9(2)	x		x	nominal longitude of the space station, give “-” for West “+” for East	in degrees from -179.99 to +180.00
	tol_east	A.4.a.2.a	9.9(2)	x		x	value indicating the planned longitudinal tolerance East of the nominal longitude of the space station	
	tol_west	A.4.a.2.b	9.9(2)	x		x	value indicating the planned longitudinal tolerance West of the nominal longitude of the space station	
	inclin_exc	A.4.a.2.c	9(2).9(2)	x		30B	inclination excursion	
	f_active		X				code indicating if the station is active [A] or inactive [I] i.e.: logically suppressed	BR data
	f_off_axis	A.16.a	X	x			code indicating commitment regarding compliance with off-axis power limitations	
	f_pfd_lim	A.17.a	X	x			code indicating commitment of compliance with per-satellite power flux-density limit of -129 dB(W/(m <sup>2</sup> · MHz))	
	f_pfd_sep	A.16.c	X	x			commitment by administrations that the earth station associated with the filed system will meet the separation distance as specified in No. 5.509E and the power flux-density limits that are specified in No. 5.509D	
	f_esim	A.19.b	X	x			Commitment under resolves 1.5 of Resolution 156 (ESIM)	
	long_orig		S9(3).9(2)				original nominal longitude of the space station, give “-” for West “+” for East	
<b>gpub</b>		A.13					<b>Publication information for a group of assigned frequencies</b>	
	grp_id		9(9)	x	x	x	unique identifier of the group	PK, FK; see NOTE 1
	seq_no		9(4)	x	x	x	sequence number	PK; see NOTE 1
	pub_ref		X(12)	x	x	x	Symbol indicating the part of the WIC/IFIC or of the Circular Telegram or the Special Section of the Weekly Circular/IFIC in which the group was published	
	pub_no		9(4)	x	x	x	the number of the WIC/IFIC or of the Circular Telegram or of the Special Section of the Weekly Circular/IFIC in which the group was published	
	ssn_type		X	x	x	x	the origin of the Circular Telegram or of Special Section of the Weekly Circular/IFIC in which the group was published (N=filed by notifying administration; B=BR)	
	ssn_rev		X	x	x	x	type of revision (M, S or A)	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	ssn_rev_no		9(2)	x	x	x	revision number of special section	
	wic_no		9(4)	x	x	x	number of the WIC/IFIC in which the group was published	BR data
	d_wic		9(8)	x	x	x	the date of most recent publication of a list of assignments in the WIC/IFIC	BR data (date in yyyyymmdd format)
<b>grp</b>							<b>Common data for a group of assigned frequencies</b>	
	<i>grp_id</i>		9(9)	x	x	x	unique identifier of the group	PK; see NOTE 1
	ntc_id		9(9)	x	x	x	unique identifier of the notice	FK
	emi_rcp	B.2	X	x	x	x	code identifying a beam as either transmitting [E] or receiving [R]	FK
	beam_name	B.1.a	X(8)	x	x	x	designation of the satellite antenna beam	FK
	noise_t	C.5.a	9(6)	x	x	30A/ 30B	receiving system noise temperature or the system noise temperature at the output of the signal processor (for active sensors)	
	d_rcv	BR	9(8)				date of receipt of the list of frequency assignments pertaining to the group	BR internal data
	d_prot_eff		9(8)				the date from which a list of assignments is taken into account according to provisions of the RR, as appropriate	BR data (date in yyyyymmdd format)
	d_reg_limit		9(8)	x			regulatory limit date for bringing into use of a group of assignments	
	d_inuse	A.2.a	9(8)	x	x	x	date of bringing into use	date in yyyyymmdd format
	f_biu		X	x			code indicating if the assignments (for notification notices only i.e. Art.11, AP30/30A#A5 and AP30B#A8) have been confirmed brought into use by the administration (C=confirmed; NULL=not confirmed)	
	fdg_reg		X(2)				findings: conformity with Radio Regulations; Table No. 13A of the Preface to the International Frequency List (13A1)	BR data
	fdg_plan		X(2)				findings: conformity with a Plan or a Coordination Procedure; Table No. 13A of the Preface to the International Frequency List (13A2)	BR data
	fdg_tex		X(2)				findings: results from technical examination; Table No. 13A of the Preface to the International Frequency List (13A3)	BR data
	area_no	C.11.a	9(2)	x			sequence number associating a particular service area diagram with the group	
	bdwidth	C.3.a/C.5.d.2	9(9)	x	x	30/30A	assigned frequency band expressed in kHz OR the bandwidth of the frequency band, in kHz, observed by the radio-astronomy station OR receiver noise bandwidth (for active sensors)	In the case of AP30B this item is required only for submission under Article 8
	freq_min		9(7).9(6)				minimum frequency in MHz (assigned frequency – half bandwidth) (of all frequencies for this group)	derived data
	freq_max		9(7).9(6)				maximum frequency in MHz (assigned frequency + half bandwidth) (of all frequencies for this group)	derived data
	polar_type	C.6.a	X(2)	x	x	30/30A	symbol indicating the type and the direction of polarization, where applicable (in case of circular or elliptical polarization)	Table 5 of the Preface
	polar_ang	C.6.b	9(3).9(2)	x	x	30/30A	in case of linear polarization the value of the angle (in degrees) measured anticlockwise in a plane normal to the beam axis from the equatorial plane to the electric vector of the wave	Table 5 of the Preface
	wic_no		9(4)				the number of the WIC/IFIC in which the list of assignments was most recently published	BR data
	wic_part		X				the part of the WIC/IFIC in which the list of assignments was most recently published	BR data

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	d_wic		9(8)				the date of most recent publication of a list of assignments in the WIC/IFIC	BR data (date in yyyyymmdd format)
	adm_resp	A.3.b	X(2)	x	x	x	symbol identifying the responsible administration, Table No. 12A/12B of the Preface to the International Frequency List	In the case of AP30B this item is required only for submission under Article 8
	op_agcy	A.3.a	9(3)	x	x	x	operating agency number, Table No. 12A/12B of the Preface to the International Frequency List	In the case of AP30B this item is required only for submission under Article 8
	d_rcv_start		9(8)	x			date of receipt of the corresponding notices published in API/A or AP30*/E Part A or AP30B/A6A	
	prov		X(12)				provision of the RR according to which the group is submitted	
	plan_status		X(4)			30B	status of entries (either assignments = LIST or allotments = PLAN)	
	reg_op_fr	A.11.a	9(4)			30/30A	start of regular hours of reception expressed in UTC	
	reg_op_to	A.11.b	9(4)			30/30A	end of regular hours of reception expressed in UTC	
	f_ap30b_art6	A.19.a	X			30B	a commitment that the use of assignment shall not cause unacceptable interference to, nor claim protection from, those assignments for which agreement still need to be obtained (§6.25 of Art. 6 of App 30B)	
	f_cost_rec		X				flag to indicate that the group of frequency assignments is subject to cost recovery	BR internal data
	sr_type	B.1.d.1	X	x			symbol indicating the type of the sensor A - active, P - passive	
	page_no		9(4)	x	x		page number on the paper notice	
	act_code		X	x	x	x	code indicating the action to be taken on the entity	see NOTE 3
	prd_valid	A.2.b	9(2)	x			period of validity in years	
	remark		X(100)	x	x		symbols used as indicated in Table No. 13C	
	tgt_grp_id		9(9)	x	x		unique identifier of the group to be modified	see NOTE 1
	pwr_max	C.8.d.1 / C.8.g.1	S9(2).9(1)	x			maximum total peak envelope power in dBW or maximum aggregate power in dBW supplied to the input of the antenna	
	bdwidth_aggr	C.8.d.2 / C.8.g.2	9(6)	x			the contiguous bandwidth of the satellite transponder or the aggregate bandwidth of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the earth station	
	f_trp_band	C.8.g.3	X				an indicator showing whether the bandwidth of the transponder corresponds to the aggregate bandwidth of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the earth station	
	observ_cls	C.13.a	X(2)				class of observation	for radio astronomy
	d_upd		9(8)				the date of update of a list of assignments in the SNS (Master Register and Requests for Coordination)	BR data (date in yyyyymmdd format)
	st_cur	BR	X(2)				the status of this frequency assignment group	
	d_st_cur	BR	9(8)				the date of entry into this status for this frequency assignment group	
	fdg_observ		X(10)				findings: remarks concerning the findings entered in Column 13A; Table No. 13B of the Preface to the International Frequency List (13B2)	BR data
	spl_grp_id		9(9)				Split group id	BR data

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	comment		X(30)				comments	BR internal use
	elev_min	A.4.b.7.cbis / C.13.c	S9(3).9(2)	x		x	minimum elevation angle at which any associated earth station can transmit to a non-geostationary satellite or minimum elevation angle at which the radio astronomy station conducts single-dish or VLBI observations	
	gso_sep	A.14.b.5	9(2).9(2)	x			minimum separation angle between the geostationary satellite orbit arc and the associated earth station main beam-axis at which the associated earth station can transmit towards a non-geostationary satellite	
	srv_code		X(6)				generic code indicating the space service type for the list of frequency assignments of the group	
	f_no_intfr		X	x	x		code indicating compliance with Article 4.4 of the Radio Regulations	
	plan_categ		X(4)			30B	symbol indicating the category of the group of assignments or allotments within its status	BR internal data
	pdf_pk_7g	B.4.b.5	S9(3).9(1)	x			calculated peak value of power-flux density produced within +/- 5 degrees inclination of the geostationary-satellite orbit	
	ra_stn_type	C.13.b	X				the type of radio-astronomy station in the frequency band shown under C.3.b (S - for single dish, V - for very long baseline interferometry (VLBI))	for radio astronomy
	eirp_nom	C.8.f.1/C.8.f.2	S9(2).9(1)	x			space station's nominal equivalent isotropically radiated power(s) (e.i.r.p) on the beam axis	required only for a space-to-space link
	sensitivity	C.16.b.1	9(3).9(2)	x			sensitivity threshold, in kelvins	for passive sensors
	d_inuse_submitted	A.2.a	9(8)	x			The date of bringing into use as submitted by the administration	
	f_diff_reg_limit		X	x			indicator to show that a group contain assignment(s) with different regulatory limit	BR internal data
	f_res35		X	x			RES 35 indicator	BR internal data
	ms_step		X(2)	x			RES 35 milestone indicator	BR internal data
	f_ms_met		X	x			RES 35 milestone criteria indicator	BR internal data
	d_ms_next_deadline		9(8)	x			Deadline of the next RES35 milestone	BR internal data
	f_1143a	BR	X	x			flag to indicate modification request under 11.43A	
	d_first_ntf		9(8)				date of the first notification	BR data (date in yyyyymmdd format)
	f_no_comment		X				flag to indicate whether commenting period is re-open. Flag is empty in normal case (commenting period is opened) and set to 'Y' when the period is not reopened.	BR internal data
	f_nfd_lnk	BR	X	x			indicator that the group is for use in accordance with Resolution 163/164 in the 14.5-14.8 GHz band (not for feeder link for the BSS)	
	prv_pub_grp_id		9(9)				group ID previously Published in part 3 (used for resubmission)	BR internal data



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<b>Table Name</b>	<b>Data Item</b>	<b>Items in AP4</b>	<b>Format</b>	<b>4/2</b>	<b>4/3</b>	<b>Plans</b>	<b>Description</b>	<b>Comment</b>
	f_sa_change		X				code indicating that the service area diagram has been modified	
	f_fdg_reqd		X				code indicating if finding is required	BR internal data
	cmp_grp_id		9(9)				grp_id of the second group if two groups are compared	BR internal data
	f_cmp_str		X				code indicating if two structures compared are equal [E], have basic differences [B], have non-basic differences [N] or the second structure is not found [X]	BR internal data
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
	f_cmp_freq		X				code indicating if two lists of frequencies compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_emi		X				code indicating if two lists of emissions compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_eas		X				code indicating if two lists of associated earth stations compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_prov		X				code indicating if two lists of provisions compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of provisions is not found [X]	BR internal data
	f_cmp_sas		X				code indicating if two lists of associated space stations compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_gpub		X				code indicating if two lists of notified publications compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_fdg		X				code indicating if two lists of finding references compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
<b>grp_lnk</b>							<b>Group link</b>	
	<i>grp_id</i>		9(9)				unique identifier of the grp	PK
	<i>lnk_grp_id</i>		9(9)				unique identifier of the linked grp	PK
	<i>ntc_id</i>		9(9)				unique identifier of the notice	
	<i>lnk_ntc_id</i>		9(9)				unique identifier of the linked notice	
	<i>ntf_rsn</i>		X				notification reason - see "notice" table	
	<i>lnk_ntf_rsn</i>		X				notification reason of the linked notice. Refer to 'notice' table.	
<b>hor_elev</b>							<b>Horizon elevation diagram</b>	see NOTE 2
	<i>ntc_id</i>		9(9)		x		unique identifier of the notice	PK, FK; see NOTE 1
	<i>azm</i>	A.7.a	9(3).9		x		azimuth in degrees measured clockwise from true north for which the horizon elevation is given in the data-item "elev_ang"	PK

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	elev_ang	A.7.a.1	S9(2).9		x		elevation angle in degrees of the horizon in the azimuth given in data-item "azm"	
	hor_dist	A.7.a.2	9(2).9		x		distance in km from the earth station to the horizon in the azimuth given in data-item "azm"	
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>mask_info</b>							<b>Mask information</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK
	<i>mask_id</i>	A.14.a.1 / A.14.b.1 / A.14.c.1	9(9)	x			unique identifier of the mask	PK
	freq_min	A.14.a.2 / A.14.b.2 / A.14.c.2	9(7).9(6)	x			the lowest frequency for which the mask is valid [GHz]	
	freq_max	A.14.a.3 / A.14.b.3 / A.14.c.3	9(7).9(6)	x			the highest frequency for which the mask is valid [GHz]	
	f_mask		X	x			flag indicating if the mask type is eirp for the space station [S], eirp for the associated earth station [E] or pfd at the space station [P]	
	f_mask_type		X	x			flag indicating the type of the pfd mask	
<b>mask_lnk1</b>							<b>Link between mask, group and satellite of a non-geostationary system</b>	
	<i>grp_id</i>		9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x			sequence number of the mask	PK
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	FK
	<i>orb_id</i>		9(4)	x			sequence number of the orbital plane	FK
	<i>sat_orb_id</i>		9(4)	x			sequence number of the satellite in the orbital plane	FK
	<i>mask_id</i>	A.14.a.1 / A.14.b.1 / A.14.c.1	9(9)	x			unique identifier of the mask	FK
<b>mask_lnk2</b>							<b>Link between mask, associated earth station and satellite of a non-geostationary system</b>	
	<i>grp_id</i>		9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x			sequence number of the mask	PK
	<i>seq_e_as</i>		9(4)	x			sequence number of the associated earth station	PK, FK; see NOTE 1
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	FK
	<i>orb_id</i>		9(4)	x			sequence number of the orbital plane	FK
	<i>sat_orb_id</i>		9(4)	x			sequence number of the satellite in the orbital plane	FK
	<i>mask_id</i>	A.14.a.1 / A.14.b.1 / A.14.c.1	9(9)	x			unique identifier of the mask	FK
<b>mask_lnk3</b>							<b>System operating parameters identification for Rec. S.1503-3</b>	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	<i>ntc_id</i>		9(9)	x			Unique identifier of the notice	PK, FK; see NOTE 1
	<i>param_id</i>		9(4)	x			Unique identifier of the system operating parameters	PK; see NOTE 1
<b>mod_char</b>							<b>General characteristics of the emission</b>	
	<i>grp_id</i>		9(9)				unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_emiss</i>		9(4)				sequence number of the characteristics	PK; see NOTE 1
	i_mod_typ	C.9.a.1	9(4)			x	the type of modulation	
	freq_low	C.9.a.2.a	9(6).9(6)				the lowest frequency of the baseband	
	freq_hi	C.9.a.2.b	9(6).9(6)				the highest frequency of the baseband	
	freq_dev	C.9.a.2.c	9(6).9(6)				the r.m.s. frequency deviation of the pre-emphasized signal for a test tone as a function of baseband frequency	
	freq_dev_tv	C.9.a.3.a	9(6).9(6)			30/30A	the peak-to-peak frequency deviation of the pre-emphasized signal (television)	
	i_pre_emph	C.9.a.3.b	9(4)			30/30A	the pre-emphasis characteristics for a carrier frequency modulated by a television signal (TV)	
	i_mplx_typ	C.9.a.3.c	9(4)			30/30A	the characteristics of the multiplexing of the video signal with sound signal(s) or other signal(s) (TV)	
	bit_rate	C.9.a.4.a	9(4)				the bit rate for a carrier phase-shift modulated by a digital signal	
	nbr_phase	C.9.a.4.b	9(4)				the number of phases for a carrier phase-shift modulated by a digital signal	
	atrch_sig	C.9.a.5.a	9(4)				number of the attachment indicating the nature of modulating signal for an amplitude modulated carrier	
	ampl_mod	C.9.a.5.b	X				the kind of amplitude modulation used	
	freq_dev_fm	C.9.a.6.a	9(6).9(6)			30/30A	the peak-to-peak frequency deviation, in MHz, of the energy dispersal waveform for frequency modulation	
	freq_swp	C.9.a.6.b	9(6).9(6)			30/30A	the sweep frequency (kHz) of the energy dispersal waveform	
	i_nrgy_dsp	C.9.a.6.c	9(4)			30/30A	the energy dispersal waveform	
	i_nrgy_dsp_typ	C.9.a.7	9(4)			x	the type of energy dispersal, if other forms of modulation than FM are used	
	atrch_mod	C.9.a.8	9(4)				attachment indicating for all other types of modulation, such particulars as may be useful for an interference study	
	i_tv_sys	C.9.a.9	9(4)				TV system	
	i_sound_bc	C.9.b.1	9(4)			30/30A	sound broadcasting characteristics for analogue carriers	
	i_baseband	C.9.b.2	9(4)			30/30A	the composition of the baseband for an analogue carrier	
	range_agc	A.12	9(3).9(2)			30A	the range of automatic gain control, in dB	
<b>ngma</b>							<b>Link-noise/transmission gain for one or more straps</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>ngma_id</i>	D.2	9(4)	x			identifier for a given set of equivalent satellite link noise temperature (ESLNT) and transmission gain values (gamma)	PK; see NOTE 1
	act_code	D.2	X	x			code indicating the action to be taken on the entity	see NOTE 3
	strp_id_fr	D.2	9(4)	x			lower limit of the range of strap serial numbers	
	strp_id_to	D.2	9(4)	x			upper limit of the range of strap serial numbers	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	noise_t_lo	D.2.a.1	9(8)	x			lowest value of equivalent satellite link noise temperature (ESLNT) associated with the strap	
	gain_as_lo	D.2.a.2	S9(2).9(1)	x			value of transmission gain (gamma) associated with the value of ESLNT given above	
	noise_t_hr	D.2.b.1	9(8)	x			value of equivalent satellite link noise temperature for highest ratio of transmission gain to ESLNT associated with the strap	
	gain_as_hr	D.2.b.2	S9(2).9(1)	x			value of transmission gain (gamma) associated with the value of ESLNT given above	
	stn_name	D.2	X(30)	x			name of the receiving earth station	
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>non_geo</b>							<b>Non-geostationary space station</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	sat_name	A.1.a	X(30)	x			name of the satellite	
	ref_body	A.4.b.2	X	x			code for the reference body about which the satellite orbits: T for Earth, L for Moon, M for Mars, J for Jupiter, V for Venus, S for Sun, D for Deep space, H for Mercury	
	nbr_sat_nh	A.4.b.3.a	9(3)	x			the maximum number of space stations in the non-geostationary-satellite system simultaneously transmitting on a co-frequency basis on the Northern Hemisphere	
	nbr_sat_sh	A.4.b.3.b	9(3)	x			the maximum number of space stations in the non-geostationary-satellite system simultaneously transmitting on a co-frequency basis on the Southern Hemisphere	
	nbr_plane	A.4.b.1	9(4)	x			number of non-geostationary orbital planes	
	nbr_sat_td	A.4.b.7.a	9(4)	x			maximum number of co-frequency tracked non-geostationary satellites receiving simultaneously	
	density	A.4.b.7.b	9.9(12)	x			average number of associated earth stations transmitting with overlapping frequencies per km <sup>2</sup> in a cell	
	avg_dist	A.4.b.7.c	9(4).9	x			average distance between co-frequency cells in kilometers	
	f_x_zone	A.4.b.7.d.1	X	x			flag indicating the type of zone: if the exclusion zone angle is the angle alpha [Y] or the angle X [N]	
	x_zone	A.4.b.7.d.2	9(2).9	x			width of the exclusion zone in degrees	
	f_epfd	A.15.a	X	x			code indicating commitment regarding compliance with additional operational epfd	
	f_active		X				code indicating if the station is active [A] or inactive [I] i.e.: logically suppressed	BR data
	attch_x_zone	A.4.b.7.d.3	9(2)	x			attachment number where the detailed description of the avoidance mechanism is provided, if an alternative method is used for establishing the exclusion zone	
	f_pfd_lim	A.17.a	X	x			code indicating commitment of compliance with per-satellite power flux-density level of -129 dB(W/(m <sup>2</sup> · MHz))	BR data

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	f_sdm	A.1.g	X	x			indicator showing that the non-geostationary-satellite system is planned to be operated in accordance with Resolution 32	
	f_constell	A.4.b.1.a	X	x			indicator of whether the non-geostationary-satellite system represents a "constellation"	
	multi_config_type	A.4.b.1.b	X	x			indicator of whether all the orbital planes identified under A.4.b.1 describe a) a single configuration where all frequency assignments to the satellite system will be in use [S] or b) multiple configurations that are mutually exclusive [M]	
	nbr_config	A.4.b.1.c	9(2)	x			the number of sub-sets of orbital characteristics that are mutually exclusive	
	attn_multi_config	A.4.b.1.d	9(2)	x			attachment number for identification of the orbital planes' id numbers that are associated with each of the mutually exclusive configurations	
	examset_type	A.4.b.6bis	X	x			indicator showing whether the set of operating parameters is limited set [L] or extended set [E]	
	attn_qv		9(2)	x			attachment number for demonstration of compliance that the NGSO FSS system complies with the limits given in No. 22.5L, in accordance with Resolves 3 of Res 770 (WRC-19)	
<b>notice</b>							<b>General information for the notice</b>	
	<i>ntc_id</i>		9(9)	x	x	x	unique identifier of the notice	PK; see NOTE 1
	prov		X(12)	x	x	x	provision of the RR according to which the notice is submitted	
	plan_id		X(4)				identifier of the plan	BR internal use
	adm	A.1.f.1	X(3)	x	x	x	country symbol of the notifying administration	
	ntwk_org		X(3)	x	x	x	symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to the International Frequency List)	
	ntf_occurs		X	x	x	x	code indicating if the notice was intended for first [F] submission or resubmission [R]. For Article 4 of Appendices 30 and 30A, the code [A] indicates a proposed addition/modification to the Plan/List, [P] indicates entered into the relevant Plan/List, [Q] indicates existing system, [R] indicates provisionally entered in the Plan/List, [V] indicates a pending network under coordination	
	ntf_rsn		X				code indicating that the notice has been submitted under RR1488 [N], RR1060 [C], RR1107 [D], 9.1 [A], 9.6 [C], 9.7A [C], 9.17 [D], 9.21 [C], 11.2 [N], 11.12 [N], AP30/30A-Articles 2A & 4 [B], AP30/30A-Article 5 [N], AP30B-Articles 6 & 7 [P], AP30B-Article 8 [N] or Res49 [U]	derived data
	st_cur		X(2)				processing status of the notice	BR internal use
	f_aa_type		X				flag indicating assignment/allotment type (plan/list, etc.)	BR data
	act_code		X	x	x	x	code indicating the action to be taken on the entity	see NOTE 3
	d_rcv		9(8)				date of receipt of the notice	BR data (date in yyyyymmdd format)
	wic_no		9(4)				the number of the WIC/IFIC in which the notice was most recently published	BR data
	wic_part		X				the part of the WIC/IFIC in which the notice was most recently published	BR data

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<b>Table Name</b>	<b>Data Item</b>	<b>Items in AP4</b>	<b>Format</b>	<b>4/2</b>	<b>4/3</b>	<b>Plans</b>	<b>Description</b>	<b>Comment</b>
	d_wic		9(8)				the date of most recent publication of the notice in the WIC/IFIC	BR data (date in yyymmdd format)
	f_adm_proxi	A.1.f.2	X	x		x	flag indicating that administration is notifying on behalf of other administrations	
	ntc_type		X	x	x	x	code indicating if the notice is of a geostationary satellite [G], non-geostationary satellite [N], specific earth station [S], typical earth station [T] or radio astronomy station [R]	
	adm_ref_id		X(20)	x	x	x	reference identifier of the notice given by the notifying administration	not mandatory, not used by BR
	d_adm		9(8)	x	x	x	the date of the notice given by the notifying administration	not mandatory, not used by BR
	tgt_ntc_id		9(9)	x	x	x	identifier of the notice to be modified or suppressed	see NOTE 1
	f_int_ext		X				code indicating if the notice is internal [I], external [E], administration withdrawal [W], BR withdrawal [Z] or resubmitted [R]	BR internal use
	d_st_cur		9(8)				date of entry of the notice into the current processing status	BR internal use (date in yyymmdd format)
	st_prv		X(2)				previous processing status of the notice	BR internal use
	d_upd		9(8)				the date of update of a notice in the SNS	BR internal use (date in yyymmdd format)
	f_basic		X				code indicating basic modifications	BR internal use
	f_spl		X				code indicating if the notice was split	BR internal use
	spl_ntc_id		9(9)				identifier of the notice created as a result of the split	BR internal use
	ntwk_pack		X(4)				network package identifier	
	f_mod_type		X				flag used to indicate that the filing was created using Wizards provided in SpaceCap (API, DBIU, RS49)	
	f_val_cat		X				Flag indicating validation category	BR internal data
	cmp_ntc_id		9(9)				code indicating the ntc_id of the second network/earth station beam if two networks/earth stations are compared	
	f_cmp_str		X				code indicating if two structures compared are equal [E], have basic differences [B], have non-basic differences [N] or the second structure is not found [X]	BR internal data
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
	f_cmp_orb		X				code indicating if two lists of orbit records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_strp		X				code indicating if two lists of straps compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_ngma		X				code indicating if two lists of noise-gamma records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data

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<b>Table Name</b>	<b>Data Item</b>	<b>Items in AP4</b>	<b>Format</b>	<b>4/2</b>	<b>4/3</b>	<b>Plans</b>	<b>Description</b>	<b>Comment</b>
	f_cmp_hori		X				code indicating if two lists of horizon elevation records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_elev		X				code indicating if two lists of antenna elevation records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_pfd		X				code indicating if two lists of pfd compliance records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cmp_oper		X				code indicating if two lists of non-geostationary satellite records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list of records is not found [X]	BR internal data
	f_cfex		X				code indicating the result of check for existing processing	BR internal data
	f_val		X				code indicating the result of validation processing	BR internal data
	f_mod		X				code indicating that data was modified	BR internal data
	f_aes_char	A.18.a	X	x			flag to indicate commitment regarding characteristics of aircraft earth station	
	prov_desc		X(20)				additional information to specify the exact provision	
	f_partial_sup		X				flag to indicate partial suppression	BR internal data
<b>ntc_commit</b>							<b>Commitments</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>commit_type</i>		X(30)	x			commitment type code	PK; see NOTE 7
	attach_no		9(4)	x			Attachment number to provide descriptions corresponding to the specific commitment	BR internal data
<b>ntc_memo</b>							<b>Comments / Remarks (Resolution 49 and API only)</b>	
	<i>ntc_id</i>		9(9)				unique identifier of the notice	PK
	adm_remark		X(255)				remarks made by the administration	
	br_comment		X(255)				BR comments	
<b>orbit</b>							<b>Orbital plane of a non-geostationary satellite</b>	
	<i>ntc_id</i>	BR	9(9)	x			unique identifier of the notice	PK; see NOTE 1
	<i>orb_id</i>		9(4)	x			sequence number of the orbital plane	PK
	nbr_sat_pl	A.4.b.4.b	9(4)	x			number of satellites per non-geostationary orbital plane	
	act_code		X	x			Action code for orbital plane which is subject to addition, modification, or suppression	see NOTE 3
	orbit_set_id	A.4.b.1.d	9(4)	x			Identifier of the orbital configuration subset to which this orbital plane belongs	
	right_asc	A.4.b.4.g	9(3).9(2)	x			angular separation in degrees between the ascending node and the vernal equinox	if 9.11A applies
	inclin_ang	A.4.b.4.a	9(3).9(2)	x			inclination angle of the satellite orbit with respect to the Earth's equatorial plane	
	prd_ddd	A.4.b.4.c.1	9(3)	x			day part of time elapsing between two consecutive passages of a non-geostationary satellite through a point in its orbit	

**SECTION III - Chapter 1: Details relating to the contents of the SNS data items**

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	prd_hh	A.4.b.4.c.2	9(2)	x			hour part of time elapsing between two consecutive passages of a non-geostationary satellite through a point in its orbit	
	prd_mm	A.4.b.4.c.3	9(2)	x			minute part of the time elapsing between two consecutive passages of a non-geostationary satellite through a point in its orbit	
	apog	A.4.b.4.d	9(5).9(2)	x			the farthest altitude of the non-geostationary satellite above the surface of the Earth or other reference body - expressed in kilometers	distances > 99999 km are expressed as a product of the values of the fields "apogee" and "apog_exp" (see below) e.g.: 125 000 =1.25*10e5
	apog_exp	A.4.b.4.d	9(2)	x			exponent part of the apogee expressed in power of 10	to indicate the exponent; give 0 for 10 <sup>0</sup> , 1 for 10 <sup>1</sup> , 2 for 10 <sup>2</sup> , etc.
	perig	A.4.b.4.e	9(5).9(2)	x			the nearest altitude of the non-geostationary satellite above the surface of the Earth or other reference body – expressed in kilometers	distances > 99999 km are expressed as a product of the values of the fields "perigee" and "perig_exp" (see below) e.g.: 125 000 =1.25*10e5
	perig_exp	A.4.b.4.e	9(2)	x			exponent part of the perigee expressed in power of 10	to indicate the exponent; give 0 for 10 <sup>0</sup> , 1 for 10 <sup>1</sup> , 2 for 10 <sup>2</sup> , etc.
	perig_arg	A.4.b.4.i	9(3).9	x			angular separation (in degrees) between the ascending node and the perigee of an elliptical orbit.	If 9.11A applies
	op_ht	A.4.b.4.f	9(5).9(2)	x			minimum altitude of the space station above the surface of the Earth at which any satellite transmits	distances > 99999 km are expressed as a product of the values of the fields "op_ht" and "op_ht_exp" (see below) e.g.: 125 000 =1.25*10e5
	op_ht_exp	A.4.b.4.f	9(2)	x			exponent part of the minimum altitude expressed in power of 10	to indicate the exponent; give 0 for 10 <sup>0</sup> , 1 for 10 <sup>1</sup> , 2 for 10 <sup>2</sup> , etc.
	f_stn_keep	A.4.b.6.c	X	x			flag indicating if the space station uses [Y] or does not use [N] station-keeping to maintain a repeating ground track	
	rpt_prd_dd	A.4.b.6.d	9(3)	x			day part of constellation repeat period (s)	
	rpt_prd_hh	A.4.b.6.d	9(2)	x			hour part of constellation repeat period (s)	
	rpt_prd_mm	A.4.b.6.d	9(2)	x			minute part of constellation repeat period (s)	
	rpt_prd_ss	A.4.b.6.d	9(2)	x			second part of constellation repeat period (s)	
	f_precess	A.4.b.6.e	X	x			flag indicating if the space station should [Y] or should not [N] be modeled with specific precession rate of the ascending node of the orbit instead of the J2 term	
	precession	A.4.b.6.f	9(3).9(2)	x			for a space station that is to be modeled with specific precession rate of the ascending node of the orbit instead of the J2 term, the precession rate in degrees/day measured counter-clockwise in the equatorial plane	



SECTION III - Chapter 1: Details relating to the contents of the SNS data items

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	long_asc	A.4.b.4.j	9(3).9(2)	x			longitude of the ascending node for the jth orbital plane measured counter-clockwise in the equatorial plane from the Greenwich meridian to the point where the satellite orbit makes its south-north crossing of the equatorial plane ( $0^\circ \leq \Theta_j < 360^\circ$ )	
	keep_rnge	A.4.b.6.j	9(2).9	x			longitudinal tolerance of the longitude of the ascending node	
	f_sunsynch	A.4.b.4.m	X	x			indicator of whether the space station uses sun-synchronous orbit or not	
	lt_type	A.4.b.4.n	X	x			indicator of whether the space station references the local time of the ascending node [A] or the descending node [D]	
	lt_ref	A.4.b.4.o	9(6)	x			the local time of the ascending or descending (per A.4.b.n) node in hhmmss format	
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
	f_cmp pha		X				code indicating if two lists of phase records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second list is not found [X]	BR internal data
<b>orbit_lnk</b>							<b>table to link a non-geostationary space station antenna with the orbital plane</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>emi_rcp</i>	B.2	X	x			code identifying a beam as either transmitting [E] or receiving [R]	PK, FK
	<i>beam_name</i>	B.1.a	X(8)	x			designation of the satellite antenna beam	PK, FK
	<i>orb_id</i>	B.4.a.1	9(4)	x			identifying sequence number of the orbital plane	PK, FK
	f_all_sat		X	x			code indicating that the beam operates with all satellites in the orbital plane	
<b>ovrl_epm</b>							<b>Overall equivalent protection margin – Appendix 30/30A Region 2</b>	
	<i>grp_id_up</i>		9(9)			30/30A	unique identifier of the group uplink	PK, FK; see NOTE 1
	<i>grp_id</i>		9(9)			30/30A	unique identifier of the group downlink	PK, FK
	<i>seq_e_as_dn</i>		9(4)			30/30A	sequence number of the earth associated station	PK, FK
	<i>seq_asn_up</i>		9(4)			30/30A	sequence number of the frequency assignment uplink	PK, FK
	<i>seq_asn_dn</i>		9(4)			30/30A	sequence number of the frequency assignment downlink	PK, FK
	<i>seq_emi_up</i>		9(4)			30/30A	sequence number of the emission uplink	PK, FK
	<i>seq_emi_dn</i>		9(4)			30/30A	sequence number of the emission downlink	PK, FK
	oeprm		S9(3).9(3)			30/30A	overall equivalent protection margin in dB	
<b>phase</b>							<b>Initial phase angle of a non-geostationary satellite in an orbital plane</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK; see NOTE 1
	<i>orb_id</i>		9(4)	x			sequence number of the orbital plane	PK
	<i>orb_sat_id</i>		9(4)	x			satellite sequence number in the orbital plane	PK
	phase_ang	A.4.b.4.h	9(3).9(2)	x			initial phase angle of the satellite in the orbital plane	if 9.11A applies
	d_ref	A.4.b.4.k	9(8)	x			the date (yyymmdd) at which the satellite is at the location defined by the longitude of the ascending node	
	t_ref	A.4.b.4.l	9(6)	x			the time (hhmmss) at which the satellite is at the location defined by the longitude of the ascending node	

**SECTION III - Chapter 1: Details relating to the contents of the SNS data items**

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>pl_strap</b>							<b>Connection between uplink and downlink beams/frequencies (plans) 30/30A for Region 2 and for Plan 30B</b>	
	<i>ntc_id</i>		9(9)			X	unique identifier of the notice	PK
	<i>freq_dn</i>	D.1.a.4	9(6).9(5)			X	assigned frequency of the downlink forming part of the strap	PK
	<i>freq_up</i>	D.1.a.3	9(6).9(5)			X	assigned frequency of the uplink forming part of the strap	PK
	<i>grp_id_dn</i>		9(9)			X	unique identifier of the downlink group forming part of the strap	PK
	<i>grp_id_up</i>		9(9)			X	unique identifier of the uplink group forming part of the strap	PK
	pbeam_name		X(8)			X	designation of the satellite antenna beam (plan)	
	multibeam_set		9(4)			X	Multibeam code	
	exop_set		9(4)			X	Exclusive operation code	
	f_victim_op		X			X	'Y' for old historical victims, not mentioned in the RR (no relation with Art.6 part A), 'N' for the rest. (No 'new' victims are expected to be added in the future.)	
	agg_tolerance		9.9(2)			X	0.05 dB for assignments stemming from conversion without modification or conversion with modification which is within the envelope characteristics of the initial allotment; NULL for the rest (BR software will apply 0.05 dB for assignments in the Plan and 0.25 dB for others)	
<b>provn</b>							<b>coordination information</b>	
	<i>grp_id</i>		9(9)	x	x		unique identifier of the group	PK, FK; see NOTE 1
	<i>coord_prov</i>	A5/A6	X(20)	x	x		reference to provision of the RR, Appendix or Resolution	PK; see NOTE 1
	<i>agree_st</i>		X	x	x		code indicating if the coordination or agreement has been obtained [O] or requested [R]	PK
	<i>seq_no</i>		9(4)	x	x		sequence number	PK
	coord_st		X				code indicating the result of the coordination process	
	adm		X(3)	x	x		country symbol of the notifying administration	Table 1A of the Preface
	ntwk_org		X(3)	x	x		symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to the International Frequency List)	
	ctry		X(3)				country or geographical area	
	f_no_comment		X				flag to indicate whether commenting period is re-opened. Flag is empty in normal case (commenting period is opened) and set to 'Y' when the period is not reopened.	BR internal data
<b>pwr_ctrl</b>							<b>Power control information</b>	
	<i>grp_id</i>		9(9)				unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_assgn</i>		9(4)				sequence number of the frequency assignment	PK, FK; see NOTE 1
	<i>seq_emiss</i>		9(4)				sequence number of the emission	PK, FK; see NOTE 1
	pwr_ctrl	C.8.i	9(4).9			30A	power control	
<b>res35_deploy</b>							<b>RES 35 deployment summary</b>	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the RES 35 notice. Refer to 'res35_notice' table	PK;FK see NOTE 1

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	<i>orb_id</i>	RES35.A1.A6	9(4)				notified orbital plane number (refer to 'orbit' table)	PK;FK
	<i>nbr_sat_pl</i>	A.4.b.4.b	9(4)				number of satellites per notified orbital plane	
	<i>freq_min_mhz</i>		9(7).9(6)				lower bound of the frequency range for the deployed satellites	
	<i>freq_max_mhz</i>		9(7).9(6)				upper bound of the frequency range for the deployed satellites	
	<i>nbr_sat_deployed</i>	RES35.A1.A5	9(4)				total number of space stations deployed into each notified orbital plane and frequency range	
	<i>percentage</i>	BR	9(2)				percentage of deployed satellites per notified orbital plane and frequency range	
<b>res35_freq</b>							<b>RES 35 space station frequency characteristics</b>	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the RES 35 notice. Refer to 'res35_notice' table	PK;FK see NOTE 1
	<i>launch_id</i>		9(4)				unique identifier of the RES 35 launch. Refer to 'res35_launch' table	PK;FK
	<i>station_id</i>		9(4)				unique identifier of the RES 35 space station. Refer to 'res35_sp_stn' table	PK;FK
	<i>freq_id</i>		9(4)				unique identifier of the RES 35 space station transmit or receive frequency range	PK
	<i>freq_min_mhz</i>	RES35.A1.C1	9(7).9(6)				lower bound of the frequency range for the space station transmit or receive frequency range	
	<i>freq_max_mhz</i>	RES35.A1.C1	9(7).9(6)				upper bound of the frequency range for the space station transmit or receive frequency range	
<b>res35_launch</b>							<b>RES 35 launch information</b>	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the RES 35 notice. Refer to 'res35_notice' table	PK;FK see NOTE 1
	<i>launch_id</i>		9(4)				unique identifier of the RES 35 launch	PK
	<i>lsp_name</i>	RES35.A1.B1	X(20)				name of the launch vehicle provider	
	<i>vehicle</i>	RES35.A1.B2	X(20)				name of the launch vehicle	
	<i>facility</i>	RES35.A1.B3	X(20)				name of the launch facility	
	<i>ctry</i>		X(3)				symbol of the country or geographical area in which the launch facility is located	derived data
	<i>long_dec</i>	RES35.A1.B3	S9(3).9(4)				longitude coordinate of the launch facility in degrees	derived data
	<i>lat_dec</i>	RES35.A1.B3	S9(2).9(4)				latitude coordinate of the launch facility in degrees	derived data
	<i>d_launch</i>	RES35.A1.B4	9(8)				launch date	
<b>res35_notice</b>							<b>RES 35 satellite system information</b>	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the RES 35 notice	PK; see NOTE 1
	<i>prov</i>		X(12)				provision of the RR according to which the notice is submitted	
	<i>adm</i>	RES35.A1.A2	X(3)				country symbol of the notifying administration	
	<i>ntwk_org</i>	RES35.A1.A3	X(3)				symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to the International Frequency List)	
	<i>sat_name</i>	RES35.A1.A1	X(30)				name of the satellite system	
	<i>d_rcv</i>	BR	9(8)				date of receipt of the notice	BR data (date in yyyyymmdd format)
	<i>ms_step</i>		X(2)				RES 35 milestone indicator	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	wic_no		9(4)				the number of the WIC/IFIC in which the notice was most recently published	BR data
	d_wic		9(8)				the date of most recent publication of the notice in the WIC/IFIC	BR data (date in yyyyymmdd format)
	ssn_ref		X(12)				symbol indicating the Special Section of the Weekly Circular / IFIC	
	ssn_no		9(4)				number of the Special Section	
	ssn_rev		X				type of revision (M or A)	
	ssn_rev_no		9(2)				revision number of special section	
<b>res35_ntc_lnk</b>							<b>RES 35 Notice link</b>	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the RES 35 notice. Refer to 'res35_notice' table	PK;FK see NOTE 1
	<i>lnk_ntc_id</i>	RES35.A1.A4	9(9)				unique identifier of the linked notice. Refer to 'notice' table	PK;FK
	<i>lnkntf_rsn</i>	RES35.A1.A4	X				notification reason of the linked notice. Refer to 'notice' table	PK;FK
<b>res35_sp_stn</b>							<b>RES 35 space station characteristics</b>	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the RES 35 notice. Refer to 'res35_notice' table	PK;FK see NOTE 1
	<i>launch_id</i>		9(4)				unique identifier of the RES 35 launch. Refer to 'res35_launch' table	PK;FK
	<i>station_id</i>		9(4)				unique identifier of the RES 35 space station	PK
	orb_id	RES35.A1.A6	9(4)				orbital plane number indicated in the latest notification information (refer to 'orbit' table)	FK
	sp_stn_name	RES35.A1.C3	X(30)				name of the space station	
	apog_km	RES35.A1.C2	9(5).9(2)				orbital characteristics of the space station (altitude of the apogee in kilometers)	
	perig_km	RES35.A1.C2	9(5).9(2)				orbital characteristics of the space station (altitude of the perigee in kilometers)	
	inclin_ang	RES35.A1.C2	9(3).9(2)				orbital characteristics of the space station (inclination in degrees)	
	perig_arg	RES35.A1.C2	9(3).9				orbital characteristics of the space station (argument of the perigee in degrees)	If 9.11A applies
<b>res49_sel</b>							<b>Resolution 49 download table</b>	data downloaded from SNS for filing RS49
	grp_id		9(9)				group id number	
	sat_name	A.1.a	X(30)				name of the space station	
	long_nom	A.4.a.1	S9(3).9(2)				nominal longitude of space station	
	ntf_rsn		X				notification reason - see "notice" table	
	adm	A.1.f.1	X(3)				notifying administration	
	ntwk_org	A.1.f.3	X(3)				intergovernmental satellite organization	
	d_inuse	A.2.a	9(8)				date of bringing into use	
	ntc_id		9(9)				BR notice id of the filing	
	st_cur		X(2)				processing status of the filing	
	d_prot_eff		9(8)				date of protection of the frequency group	
	freq_min		9(7).9(6)				lower bound of the frequency range for the group	
	freq_max		9(7).9(6)				upper bound of the frequency range for the group	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	wic_no		9(4)				IFIC publication number of the group	
	d_wic		9(8)				date of the IFIC publication	
	act_code		X				action-code	
	emi_rcp	B.2	X				satellite beam emission/reception code	
	beam_name	B.1.a	X(8)				satellite beam designation	
	ntc_type		X				type of notice indicator (G, N)	
	d_reg_g		9(8)				end of the regulatory period	based on API filing or d_rev field in table fdg_rev
<b>s_as_stn</b>							<b>Space associated station</b>	
	<i>grp_id</i>		9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	<i>sat_name</i>	C.10.a.1	X(30)	x			name of the associated space station	PK
	<i>beam_name</i>		X(8)	x			designation of the associated satellite antenna beam	PK
	act_code		X	x			code indicating the action to be taken on the entity	see NOTE 3
	stn_type	C.10	X	x			type of the associated space station: geostationary [G] or non-geostationary [N]	
	long_nom	C.10.a.2	S9(3).9(2)	x			nominal longitude of the associated space station, if geostationary; give “-” for West “+” for East	in degrees from -179.99 to +180.00
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>s_beam</b>							<b>satellite antenna beam</b>	
	<i>ntc_id</i>		9(9)	x		x	unique identifier of the notice	PK, FK; see NOTE 1
	<i>emi_rcp</i>	B.2	X	x		x	code identifying a beam as either transmitting [E] or receiving [R]	PK
	<i>beam_name</i>	B.1.a	X(8)	x		x	designation of the satellite antenna beam	PK
	beam_old		X(8)	x			previous designation of the satellite antenna beam	if the designation of the beam is to be changed
	f_steer	B.1.c	X	x			code indicating if the beam is steerable (see No. 1.191) or reconfigurable	
	gain	B.3.a.1	n:S9(2).9(1) ) p:S9(2).9(2) )	x		x	maximum isotropic gain of the antenna expressed in dB; copolar gain for plans	
	gain_x	B.3.a.2	9(2).9(2)			30/30A	crosspolar gain (for shaped beams only)	
	beamlet		9(2).9			x	spot beam	
	bore_long	B.3.f.1.a	S9(3).9(2)			x	longitude coordinate of the satellite boresight	
	bore_lat	B.3.f.1.b	S9(2).9(2)			x	latitude coordinate of the satellite boresight	
	maj_axis	B.3.f.2.c	9(2).9(2)			x	major axis of the satellite beam projection	
	min_axis	B.3.f.2.d	9(2).9(2)			x	minor axis of the satellite beam projection	
	orient	B.3.f.2.b	S9(3).9(2)			x	orientation of the satellite beam	
	pnt_acc	B.3.d	9.9(2)	x			the pointing accuracy of the antenna, in degrees	
	rot_acc	B.3.f.2.a	9.9(2)			x	satellite beam rotational accuracy	
	pattern_id	B.3.c.1.b	9(4)				unique identifier of the co-polar radiation pattern in the reference table ant_type	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	freq_min		9(7).9(6)				minimum frequency in MHz (assigned frequency - half bandwidth) (of all frequencies for this beam)	derived data
	freq_max		9(7).9(6)				maximum frequency in MHz (assigned frequency + half bandwidth) (of all frequencies for this beam)	derived data
	sr_type	B.1.d.1	X	x			symbol indicating the type of the sensor A - active, P - passive	
	act_code		X	x			code indicating the action to be taken on the entity	see NOTE 3
	ang_alpha	B.4.a.3.a.1	9(3).9	x			satellite beam orientation	if 9.11A applies
	ang_beta	B.4.a.3.a.2	9(2).9	x			satellite beam orientation	if 9.11A applies
	attach_alpha_beta		9(2)	x			number of the attachment for explanation when angle alpha or angle beta cannot be provided	
	attach_e	B.3.c.1.a	9(2)	x		x	number of the attachment for the co-polar antenna radiation pattern diagram	see NOTE 2
	attach_e_x	B.3.c.2.a	9(2)	x		x	number of the attachment for the cross-polar antenna radiation pattern diagram	see NOTE 2
	pwr_max_4k	B.4.b.4.a	S9(2).9(1)	x			maximum peak E.I.R.P. at 4kHz	if 9.11A applies
	pwr_avg_4k	B.4.b.4.b	S9(2).9(1)	x			average peak E.I.R.P. at 4kHz	if 9.11A applies
	pwr_max_1m	B.4.b.4.c	S9(2).9(1)	x			maximum peak E.I.R.P. at 1MHz	if 9.11A applies
	pwr_avg_1m	B.4.b.4.d	S9(2).9(1)	x			average peak E.I.R.P. at 1MHz	if 9.11A applies
	prot_ratio	C.12.a	9(3).9(2)			30B	minimum acceptable aggregate C/I ratio, if less than 26 dB or 23 dB for submissions received by the Bureau as of 5 July 2003	
	f_fdg_reqd		X				code indicating if finding is required	BR internal data
	f_tx_vis	B.2.a.1	X	x			an indicator specifying whether the space station only transmits when visible from the notified service area	
	tx_ang_min	B.2.a.2	9(2).9	x			in case of non-continuous transmission in item B.2bis.a, the minimum elevation angle above which transmissions occur when the space station is visible from the notified service area	
	attach_pfd_steer	B.3.b.1	9(2)	x			attachment number for method required in ROP 21.16	
	f_pfd_steer_default	B.3.b.1	X	x			code indicating if applicable PFD will be met by applying the method in Annex 1 of ROP 21.16	
	f_all_orbit		X	x			code indicating that the beam operates with all satellites in all orbital planes	
	f_co_change		X				code indicating that the antenna gain contour diagram has been modified	
	f_aggso_change		X				code indicating that the antenna gain towards GSO orbit diagram has been modified	
	f_e_change		X	x			For future use when antenna pattern diagrams will be in GIMS	
	cmp_ntc_id		9(9)				code indicating the ntc_id of the second network/earth station beam if two networks/earth stations are compared	BR internal data
	cmp_beam		X(8)				beam_name of the second beam if two beams are compared	BR internal data

## SECTION III - Chapter 1: Details relating to the contents of the SNS data items

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	f_cmp_str		X				code indicating if two structures compared are equal [E], have basic differences [B], have non-basic differences [N] or the second structure is not found [X]	BR internal data
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
<b>sat_lnk</b>							<b>Table to link a non-geostationary space station antenna with the satellite</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>emi_rep</i>	B.2	X	x			code identifying a beam as either transmitting [E] or receiving [R]	PK, FK
	<i>beam_name</i>	B.1.a	X(8)	x			designation of the satellite antenna beam	PK, FK
	<i>orb_id</i>	B.4.a.1	9(4)	x			identifying sequence number of the orbital plane	PK, FK
	<i>orb_sat_id</i>	B.4.a.2	9(4)	x			satellite sequence number in the non-geostationary orbital plane	PK, FK
<b>sat_oper</b>							<b>Non-geostationary satellites with overlapping frequencies</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>lat_fr</i>	A.4.b.6.a.2	S9(2).9(3)	x			lower limit of the latitude range	in degrees; PK
	<i>lat_to</i>	A.4.b.6.a.3	S9(2).9(3)	x			upper limit of the latitude range	in degrees; PK
	nbr_op_sat	A.4.b.6.a.1	9(4)	x			maximum number of non-geostationary satellites transmitting with overlapping frequencies to a given location within the latitude range	
<b>scraft_cmr_freq</b>							<b>frequency band(s) present on board the spacecraft</b>	
	<i>itu_scraft_id</i>		9(4)	x			Unique identification of the spacecraft	PK, FK
	<i>seq_no</i>		9(4)	x			sequence number for this itu_scraft_id	PK
	freq_min		9(7).9(6)	x			start frequency in a range	
	freq_max		9(7).9(6)	x			end frequency in a range	
	freq_sym		X	x			frequency symbol	
<b>scraft_cmr_sys</b>							<b>table to identify spacecraft under Res. 552</b>	
	<i>itu_scraft_id</i>		9(4)	x			Unique identification of the spacecraft	PK, FK
	ntwk_name		X(20)	x			commercial name of the satellite	
	lsp_name		X(20)	x			name of the launch service provider	
	vehicle		X(20)	x			name of the launch vehicle	
	d_exe		9(8)	x			date of execution of the launch contract	
	facility		X(20)	x			name of the launch facility	
	mftc_name		X(20)	x			name of the manufacturer	
	nbr_sat		9(2)	x			number of satellites procured	
	d_exe_m		9(8)	x			date of execution of the contract	
	d_deliv		9(8)	x			delivery date	
	d_launch		9(8)	x			launch date	
<b>srv_area</b>							<b>Service area</b>	
	<i>grp_id</i>		9(9)	x		x	identification of the group	PK, FK; see NOTE 1
	<i>ctry</i>	C.11.a	X(3)	x		x	symbol of the country or geographical area	PK, FK

SECTION III - Chapter 1: Details relating to the contents of the SNS data items

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	f_excl_api		X	x			Indicator for whether the code in ctry is meant to be included (N or empty) or excluded from (Y), the service area, for API only	BR internal data
<b>srv_cls</b>							<b>Nature of service and class of station for the group of frequency assignments</b>	
	<i>grp_id</i>		9(9)	x	x	x	identification of the group	PK, FK; see NOTE 1
	<i>seq_no</i>		9(4)	x	x	x	sequence number	PK; see NOTE 1
	stn_cls	C.4.a	X(2)	x	x	x	class of station	Table 3 of the Preface
	nat_srv	C.4.b	X(2)	x	x		nature of service	Table 4 of the Preface
<b>strap</b>		D.1					<b>Connection between uplink and downlink beams/frequencies</b>	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>strp_id</i>		9(4)	x			serial number of the strap	PK
	act_code	D.1	X	x			code indicating the action to be taken on the entity	see NOTE 3
	beam_up	D.1.a.1.a	X(8)	x			designation of the satellite receiving antenna beam associated with the uplink frequency	
	beam_dn	D.1.a.2.a	X(8)	x			designation of the satellite transmitting antenna beam associated with the downlink frequency	
	freq_symup	D.1.a.1.b	X	x			symbol indicating kilohertz [K], megahertz [M] or gigahertz [G]	
	freq_up	D.1.a.1.b	9(6).9(5)	x			assigned frequency of the uplink forming part of the strap	
	freq_symdn	D.1.a.2.b	X	x			symbol indicating kilohertz [K], megahertz [M] or gigahertz [G]	
	freq_dn	D.1.a.2.b	9(6).9(5)	x			assigned frequency of the downlink forming part of the strap	
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data



## SECTION III - Chapter 1: Details relating to the contents of the SNS data items

## BR Data

Table Name	Data Item	Format	Description	Comment
<b>all_aff_ntw</b>			<b>Table of affected/affecting networks at group level</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK; see NOTE 1
	<i>aff_rec_id</i>	9(9)	unique identifier of an affected/affecting network	PK
	<i>aff_ntc_id</i>	9(9)	unique identifier of the notice affected/affecting	FK
	<i>coord_prov</i>	X(20)	reference to provision of the RR, Appendix or Resolution	
	<i>agree_st</i>	X	code indicating if the coordination requirement has been identified using the arc concept [A] or $\Delta T/T$ calculation [T]	
	<i>adm</i>	X(3)	country symbol of the notifying administration	
	<i>ntwk_org</i>	X(3)	symbol of the organization operating regional or international networks (Table 2 of the Preface to the International Frequency List)	
	<i>sat_name</i>	X(30)	name of the space station	
	<i>long_nom</i>	S9(3).9(2)	nominal longitude of the space station, give "-" for West "+" for East	in degrees from -179.99 to +180.00
	<i>ntf_rsn</i>	X	notification reason - see "notice" table	
	<i>st_aff</i>	X(2)	processing status of the network affected/affecting	BR internal use
	<i>f_cause</i>	X	code indicating that the network has been identified as causing [C] interference	
	<i>f_rec</i>	X	code indicating that the network has been identified as receiving [R] interference	
<b>ap30b_ref_agg</b>			<b>Ref. aggregate C/I values</b>	
	<i>grp_id_dn</i>	9(9)	unique identifier of the group downlink	PK
	<i>grp_id_up</i>	9(9)	unique identifier of the group uplink	PK
	<i>seq_pt</i>	9(4)	test point sequential number	PK
	<i>freq_band</i>	X(8)	"12/11", "13/10", "13/11", "12/10", "12/0", "13/0", "0/10", "0/11", "6/4", "6/0", "0/4"	PK
	<i>c2i</i>	S9(3).9(6)	reference aggregated C/I value for this test point	
<b>ap30b_ref_se</b>			<b>Ref. Single Entry C/I values</b>	
	<i>grp_id_a</i>	9(9)	unique identifier of the affected group	PK
	<i>grp_id_i</i>	9(9)	unique identifier of the interferer group	PK
	<i>seq_pt</i>	9(4)	test point sequential number	PK
	<i>freq_band</i>	X(8)	"12", "13", "10", "11", "12-13", "10-11", "4", "6"	PK
	<i>emi_rcp</i>	X	'E' for emission, 'R' for reception	
	<i>c2i</i>	S9(3).9(6)	reference S.E. C/I value for this test point	
	<i>agree_st</i>	X	implicitly agreed value (M) or explicitly (E)	
<b>ap30b_tr_res</b>			<b>AP30B Annex 4 findings at the notice level</b>	PK
	<i>ntc_id</i>	9(9)	unique identifier of the analyzed network	PK
	<i>freq_band</i>	X(12)	"6/4", "12-13/10-11"	PK
	<i>ntc_id_a</i>	9(9)	unique identifier of the affected network	PK
	<i>plan_status_a</i>	X(4)	Status of entries of a network considered to be affected (either assignment = LIST or allotment = PLAN)	PK
	<i>se_dn_tp_degr_max</i>	9(3).9(3)	maximum downlink single-entry C/I degradation on test points	
	<i>se_dn_gp_degr_max</i>	9(3).9(3)	maximum downlink single-entry C/I degradation on grid points	
	<i>se_up_degr_max</i>	9(3).9(3)	maximum uplink single-entry C/I degradation	

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Table Name	Data Item	Format	Description	Comment
	agg_degr_max	9(3).9(3)	maximum aggregate C/I degradation	
	pdf_exc_dn_max	9(4).9(3)	maximum pdf excess in the downlink	
	pdf_exc_up_max	9(4).9(3)	maximum pdf excess in the uplink	
	f_pdf_appl	X	flag indicating if Pfd criteria is applicable or not	
<b>beam_tr</b>			<b>Beam information</b>	SNS/SPS <---> Plans translation
	<i>ant_diam</i>	9(3).9(4)	antenna diameter	PK
	<i>pattern_id</i>	9(4)	unique identifier of the antenna radiation pattern	PK
	<i>design_emi</i>	X(9)	designation of emission	PK
	<i>grp_id</i>	9(9)	unique identifier of the group	PK
	<i>pbeam_name</i>	X(8)	designation of the satellite antenna beam (plan)	PK
	beam_name	X(8)	designation of the satellite antenna beam	
	emi_rcp	X	code identifying a beam as either transmitting [E] or receiving [R]	
	ntc_id	9(9)	unique identifier of the notice	
<b>fdg_ref</b>			<b>Finding reference</b>	
	<i>grp_id</i>	9(9)	unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_no</i>	9(4)	sequence number	PK; see NOTE 1
	d_fdg_rev	9(8)	date relating to the type in d_type	see NOTE 5
	d_type	X	type describing the action associated to the date in d_fdg_rev	see NOTE 5
	fdg_prov	X(20)	reference to a provision, appendix or resolution (including those indicated in Table 13B1 of Preface)	
<b>grp_aff_rec</b>			<b>Table to link incoming group and affected/affecting network</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK; see NOTE 1
	<i>grp_id</i>	9(9)	unique identifier of the group	PK;FK
	<i>aff_rec_id</i>	9(9)	unique identifier of an affected/affecting network	PK;FK
<b>link_epm</b>			<b>Equivalent protection margin (link) – Appendix 30/30A Regions 1 and 3</b>	
	<i>grp_id</i>	9(9)	unique identifier of the group	PK; see NOTE 1
	<i>seq_e_as</i>	9(4)	sequence number of the earth associated station	PK; see NOTE 1
	<i>seq_assgn</i>	9(4)	sequence number of the frequency assignment	PK; see NOTE 1
	<i>seq_emiss</i>	9(4)	sequence number of the emission	PK; see NOTE 1
	epm	S9(3).9(3)	equivalent protection margin	
<b>ntc_lnk</b>			<b>Notice link</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK; see NOTE 1
	<i>lnk_ntc_id</i>	9(9)	unique identifier of the linked notice	PK; see NOTE 1
	ntf_rsn	X	notification reason - see ntf_rsn of "notice" table	
	lnkntf_rsn	X	notification reason of the linked notice. Refer to 'notice' table	
<b>ntc_lnk_ref</b>			<b>Notice link reference</b>	
	plan_id	X(4)	identifier of the space plan	
	ntc_id	9(9)	unique identifier of the notice	
	pbeam_name	X(8)	designation of the satellite antenna beam (plan)	
	adm	X(3)	country symbol of the notifying administration	
	long_nom	S9(3).9(2)	nominal longitude of the space station, give '-' for West '+' for East	

## SECTION III - Chapter 1: Details relating to the contents of the SNS data items

Table Name	Data Item	Format	Description	Comment
<b>plan_pub</b>			<b>Publication information for plan notices</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK; see NOTE 1
	<i>wic_no</i>	9(4)	WIC/IFIC number	PK;
	<i>plan_pub_type</i>	9(2)	code indicating plan publication type	PK;
<b>pub_ssn</b>			<b>Publication information for a notice</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK; see NOTE 1
	<i>seq_no</i>	9(4)	sequence number	PK; see NOTE 1
	<i>ssn_ref</i>	X(12)	symbol indicating the Special Section of the Weekly Circular / IFIC	
	<i>ssn_no</i>	9(4)	number of the Special Section	
	<i>ssn_rev</i>	X	type of revision (M, C or A)	
	<i>ssn_rev_no</i>	9(2)	revision number of special section	
<b>sat_sys_provn</b>			<b>coordination information for the notices submitted under Article 4 of AP30/30A belonging to the same cluster in Region 2</b>	
	<i>plan_id</i>	X(4)	identifier of the space plan	
	<i>ntwk_pack</i>	X(4)	network package identifier	
	<i>coord_prov</i>	X(20)	reference to provision of the RR, Appendix or Resolution	
	<i>agree_st</i>	X	code indicating the type of the coordination or agreement requirement – (Preface Tables 11A, 11B)	
	<i>ific_no</i>	9(4)	the number of the IFIC in which the list of assignments was most recently published	
	<i>adm</i>	X(3)	country symbol of the notifying administration	
	<i>ntwk_org</i>	X(3)	symbol of the organization operation regional or international satellite networks (Table No. 2 of the Preface to the International Frequency List)	
<b>sps_results</b>			<b>Space plan results</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the space plan transaction	
	<i>ntwk_pack</i>	X(4)	network package identifier	
	<i>ntc_id_aff</i>	9(9)	unique identifier of the affected transaction	
	<i>pbeam_name</i>	X(8)	plan/list beam identification	
	<i>aff_ch_pfd</i>	X(56)	list of affected channels identified using PFD criterion (Regions 1 and 3 downlink only)	
	<i>pfd_exc_max</i>	9(3).9(2)	maximum pfd excess value (Regions 1 and 3 downlink only) in dB(W/(m <sup>2</sup> .27 MHz))	
	<i>aff_ch_epm</i>	X(56)	list of affected channels identified using EPM/OEPM criterion	
	<i>epm_c2i_dgr_max</i>	9(3).9(3)	EPM/OEPM (BSS)degradation max.	
	<i>aff_chs</i>	X(56)	final list of channels identified as affected	
	<i>pfd_exc</i>	9(3).9(2)	maximum pfd excess value for the final list of affected channels in dB(W/(m <sup>2</sup> .27 MHz))	
	<i>epm_dgr</i>	9(3).9(3)	maximum EPM/OEPM (BSS) degradation for the final list of affected channels	
	<i>freq_band</i>	X(4)	identifier of frequency band for Regions 1 and 3 feeder-link Plan/List in 14 or 17 GHz	
<b>tr_aff_ntw</b>			<b>Affected/affecting networks for the transaction</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	FK; see NOTE 1
	<i>coord_prov</i>	X(20)	reference to provision of the RR, Appendix or Resolution	see NOTE 6
	<i>agree_st</i>	X	code indicating if the coordination requirement has been identified using the arc concept [A] or ΔT/T calculation [T] or Frequency overlap [F or Q]	
	<i>aff_ntc_id</i>	9(9)	unique identifier of the notice affected/affecting	FK; see NOTE 1
	<i>adm</i>	X(3)	country symbol of the notifying administration	

**SECTION III - Chapter 1: Details relating to the contents of the SNS data items**

<b>Table Name</b>	<b>Data Item</b>	<b>Format</b>	<b>Description</b>	<b>Comment</b>
	ntwk_org	X(3)	symbol of the organization operating regional or international networks (Table 2 of the Preface to the International Frequency List)	
	sat_name	X(30)	name of the space station	
	long_nom	S9(3).9(2)	nominal longitude of the space station, give “-” for West “+” for East	in degrees from -179.99 to +180.00
	ntf_rsn	X	notification reason - see "notice" table	
	coord_st	X	code indicating status of coordination	
	st_aff	X(2)	processing status of the network affected/affecting	BR internal use
	f_cause	X	code indicating that the network has been identified as causing [C] interference	
	f_rec	X	code indicating that the network has been identified as receiving [R] interference	
	d_prot_inc	9(8)	date of protection of the frequency group (incoming network)	
	wic_no	9(4)	the number of the WIC/IFIC in which the notice was most recently published	BR data
<b>tr_provn</b>			<b>Coordination information for the transaction</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK; see NOTE 1
	<i>coord_prov</i>	X(20)	reference to provision of the RR, Appendix or Resolution	PK
	<i>agree_st</i>	X	code indicating if the coordination or agreement has been obtained [O] or requested [R]	PK
	<i>wic_no</i>	9(4)	the number of the WIC/IFIC in which the list of assignments was most recently published	PK
	<i>seq_no</i>	9(4)	sequence number	PK; see NOTE 1
	coord_st	X	code indicating status of coordination	
	adm	X(3)	country symbol of the notifying administration	
	ntwk_org	X(3)	symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to the International Frequency List)	
	ctry	X(3)	symbol indicating geographical area	

## SECTION III - Chapter 1: Details relating to the contents of the SNS data items

## Reference Tables

Table Name	Data Item	Format	Description	Comment
<b>ant_type</b>			<b>Antenna type information</b>	
	<i>pattern_id</i>	9(4)	unique identifier of the antenna radiation pattern	PK
	f_ant_type	X	flag indicating the type of the antenna radiation pattern E - earth, S - space, A - associated earth, R - radioastronomy, P - plan space, T - plan test point	
	f_sub_type	X	code indicating that antenna pattern is valid for certain types of notice or other status: B: BSS plan, C: Composite, F: FSS plan, O: obsolete, W: withdrawn	
	emi_rcp	X	code identifying a beam as either transmitting [E] or receiving [R]	
	pattern	X(12)	antenna radiation pattern indicated by a reference to the appropriate ITU-R Recommendation	
	coefa	9(2).9	coefficient A for non-standard antenna	see NOTE 4
	coefb	9(2).9	coefficient B for non-standard antenna	see NOTE 4
	coefc	9(2).9	coefficient C for non-standard antenna	see NOTE 4
	coefd	9(2).9	coefficient D for non-standard antenna	see NOTE 4
	phi1	9(2).9	coefficient PHI1 for non-standard antenna	see NOTE 4
	f_ant_new	X	flag indicating a new antenna radiation pattern	
	apl_name	X(12)	name in the antenna pattern library for this pattern	
	d_upd	9(8)	date of data creation or most recent data update	

## SECTION III - Chapter 1: Details relating to the contents of the SNS data items

## BR Internal Data

Table Name	Data Item	Format	Description	Comment
<b>alloc_id</b>			<b>Identifier allocation</b>	BR internal use
	<i>ntc_year</i>	9(2)	year of submission of the notice	PK
	<i>grp_id_last</i>	9(9)	Last allocated <i>grp_id</i>	
<b>cmr_history</b>			<b>Spacecraft history table</b>	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK; see NOTE 1
	<i>itu_scraft_id</i>	9(9)	unique identifier of the spacecraft	PK, FK
	<i>seq_no</i>	9(4)	sequence number	PK, FK
	<i>reg_st</i>	X	code indicating regulatory status (F = First bringing into use, S = Suspended, R= Resumed)	
	<i>d_reg_st</i>	9(8)	Date of first bringing into use / suspending / resuming	
	<i>rsn_susp</i>	X(255)	reason for suspension	
	<i>wic_no</i>	9(4)	the number of the WIC/IFIC in which the notice was most recently published	BR data
<b>com_el</b>			<b>Common elements</b>	BR internal use
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK see NOTE 1
	<i>prov</i>	X(12)	provision of the RR according to which the notice is submitted	
	<i>plan_id</i>	X(4)	identifier of the plan	FK
	<i>adm</i>	X(3)	country symbol of the notifying administration	
	<i>ntwk_org</i>	X(3)	symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to the International Frequency List)	
	<i>sat_name</i>	X(30)	name of the space station	
	<i>long_nom</i>	S9(3).9(2)	nominal longitude of the space station, give “-” for West, “+” for East	in degrees from -179.99 to +180.00
	<i>act_code</i>	X	code indicating action to be taken on the entity	see NOTE 3
	<i>ntf_rsn</i>	X	notification reason - see "notice" table	derived data
	<i>st_cur</i>	X(2)	processing status of the notice	BR internal use
	<i>d_rcv</i>	9(8)	date of receipt of the notice	BR data (date in yyyyymmdd format)
	<i>wic_no</i>	9(4)	the number of the WIC/IFIC in which the notice was most recently published	BR data
	<i>wic_part</i>	X	the part of the WIC/IFIC in which the notice was most recently published	BR data
	<i>ntc_type</i>	X	code indicating if the notice is of a geostationary satellite [G], non-geostationary satellite [N], specific earth station [S], typical earth station [T] or radio astronomy station [R]	
	<i>adm_ref_id</i>	X(20)	reference identifier of the notice given by the notifying administration	
	<i>tgt_ntc_id</i>	9(9)	identifier of the notice to be modified or suppressed	
	<i>stn_name</i>	X(30)	name of the earth station	
	<i>long_dec</i>	S9(3).9(4)	longitude coordinate of the earth station in degrees	derived data
	<i>lat_dec</i>	S9(2).9(4)	latitude coordinate of the earth station in degrees	derived data
	<i>ctry</i>	X(3)	symbol of the country or geographical area in which the station is located	
	<i>prov_desc</i>	X(20)	additional information to specify the exact provision	
<b>freq</b>			<b>Frequency</b>	BR internal use
	<i>ntc_id</i>	9(9)	unique identifier of the notice	FK see NOTE 1
	<i>emi_rcp</i>	X	code identifying a beam as either transmitting [E] or receiving [R]	FK

## SECTION III - Chapter 1: Details relating to the contents of the SNS data items

Table Name	Data Item	Format	Description	Comment
	beam_name	X(8)	designation of the satellite antenna beam	FK
	grp_id	9(9)	unique identifier of the group	PK, FK see NOTE 1
	seq_no	9(4)	sequence number	PK
	freq_sym	X	symbol indicating kilohertz [K], megahertz [M] or gigahertz [G]	
	freq_assgn	9(7).9(6)	assigned frequency	
	freq_mhz	9(7).9(6)	assigned frequency in MHz	
	freq_min	9(7).9(6)	minimum frequency in MHz (assigned frequency - half bandwidth)	
	freq_max	9(7).9(6)	maximum frequency in MHz (assigned frequency + half bandwidth)	
	bdwidth	9(8)	assigned frequency band expressed in kHz	
	fdg_reg	X(2)	findings: conformity with Radio Regulations; Table No. 13A of the Preface to the International Frequency List (13A1)	
	d_prot_eff	9(8)	the date from which a list of assignments is taken into account according to RR1061-1065 or RR1148-1154, as appropriate	
	wic_no	9(4)	the number of the WIC/IFIC in which the notice was most recently published	BR data
	ntc_type	X	code indicating if the notice is of a geostationary satellite [G], non-geostationary satellite [N], specific earth station [S], typical earth station [T] or radio astronomy station [R]	
<b>history</b>			<b>Transaction history data</b>	BR internal use
	ntc_id	9(9)	unique identifier of the notice	PK, FK; see NOTE 1
	seq_no	9(4)	sequence number	PK
	oper_id	X(8)	unique identifier of the operator/program	
	d_hist	9(8).9(6)	date relating to the action performed by the operator or program	
	st_cur	X(2)	current status of the transaction	
	hist_text	X(60)	description of the action carried out on the notice	
<b>srs_oOak</b>			<b>Database system information</b>	BR internal use
	version_no	9(2)	number current version of the database	
	version_no_sub	9(2)	minor (or sub) version of the database structure	
	d_create	9(8)	date of creation of the database	
	d_last_export	9(8)	date of the most recent export of a network into the DB	
	comment	X(30)	comment	

## Notes to the Tables describing the Ap4/2 and Ap4/3 Submitted Data

**NOTE 1: Identification numbers (ntc\_id, grp\_id, strp\_id, ngma\_id, seq\_no) and relational tables description**

The identification numbers discussed in this note are required to be used in the relational tables (that are to be used by administrations for submitting electronically) as specified below so that the various tables making up the notice can be interpreted correctly by the BR. This is particularly important because these tables are based on relational database theory and a database may contain more than one submission.

### 1.1 Description of the relational tables

A brief explanation of the structure of these relational tables is provided here. Relational theory, which is the basis for relational databases, uses the relationships inherent in data. The process of relational database design requires the identification of entities that form part of what is being modelled, identifying the attributes of these entities and identifying the relationships that exist between these entities. The entity relationship diagram which was developed to model satellite networks and earth stations and is used as a basis for these tables is provided in **Annex 1**. A process of “normalization” is carried out on the data, which is a technique that identifies all tables and their relationships. Each table has a primary key (PK) which identifies uniquely each row in the table. In order to relate the tables to each other, so that the notice can be correctly reconstructed from the tables, the rows of each related table contain a data-item belonging to the table to which it is related, thus identifying this relationship; this is referred to as a foreign key (FK). The identification numbers that are discussed in this note serve as foreign keys in the related tables, in addition to being the primary identifying data-item of a notice. Each table, which identifies an entity, contains the data-items (or attributes) for this entity. Each set of these data-items occurs as many times as there are entries in the table and are referred to as rows.

For the purpose of this discussion, one can consider the tables as being divided into three unique (non-overlapping) sets - “station-and-related-tables”, “group-table” and “group-related-tables”. **Annex 3** shows the tables in the entity-relationship diagram as they belong to these three sets.

**Annex 6** gives the entity-relationship diagram for the SRS submitted data (including Appendix 4/2, 4/3, 4/4 and 4/6 notice forms, Resolution 49 (due diligence) notice form and the space plans - Appendices 30, 30A, 30B), leaving out the reference data.

### 1.2 “Station-and-related-tables” (ntc\_id, strp\_id, ngma\_id)

The tables in this set are the **notice**, **strap**, **ngma**, **geo**, **non\_geo**, **cmr\_syst**, **orbit**, **phase**, **c\_pfd**, **sat\_oper**, **orbit\_lnk**, **e\_stn**, **s\_beam**, **e\_ant**, **e\_ant\_elev** and **hor\_elev** tables. In these tables, the administration should provide an unique value in the data-item “ntc\_id” for each notice. This data-item is present in each table belonging to this set either as the primary key (PK) or as an item making up the primary key (foreign key - FK). So each table containing data for a given notice should have the same value for “ntc\_id”. After the submission is accepted and published by the BR, it will have a different value for “ntc\_id” - one that has been attributed by the BR<sup>5</sup>. The administration will be able, however, to identify the notice by providing a serial number or other reference in the data-item “adm\_ref\_id” that is in the **notice** table.

<sup>5</sup> Since each notification is processed in the BR’s Space Network System (SNS), it has to be allocated a “notice identification number” that is unique within the SNS and all subsequent references to this notice are made using the number allocated by BR to the notices. This is the reason for the value of “ntc\_id” being different following publication of the notice by the BR. This principle also applies to the “group identification number” (grp\_id).



The **strap** table contains the data-items pertaining to the strapping information (connections between uplink and downlink frequencies and beams). The primary key of this table contains an identifier “**strp\_id**”, used for uniquely identifying each row of this table, which otherwise would have identical primary key values. This “**strp\_id**” value should be unique within all the straps belonging to the same satellite network. Likewise, the **ngma** table (containing the link-noise and transmission-gain information for the straps) has an identifier “**ngma\_id**” in its primary key to identify uniquely each row of the table; the values used here should be unique within all the rows of this table belonging to the same satellite network.

When the administration wishes to modify or suppress a previously notified satellite network or earth station recorded in the Bureau’s database (Master Register for cases recorded in accordance with Article 13 plus satellite network and earth station coordination requests (Sections II and III of Article 11)), it should refer to the network / station to be modified by using the value for notice identification number that was attributed to it by the BR and published in the Weekly Circular (or Special Section) as the data-item “**ntc\_id**” (footnote No. 2 describes the difference between the value of “**ntc\_id**” as published by the BR and that provided by the administration in the submission). Thus, for an intended modification or suppression notice, the data-item “**tgt\_ntc\_id**” that is in the **notice** table must contain the identification number of the target network / station as it has been published by the BR.

When the administration wishes to modify or suppress previously notified (and recorded) strap or link-noise/transmission-gain values, it should refer to the strap or link-noise/transmission-gain values to be modified by using the “**strp\_id**” or “**ngma\_id**” identifiers under which the concerned data-items were notified and published in the Weekly Circular (or Special Section). If the administration wishes to add strap or link-noise/transmission-gain values to a previously notified (and recorded) satellite network, it should ensure that the identifiers for the additional strap and link-noise/transmission-gain values, i.e. “**strp\_id**” and “**ngma\_id**”, are respectively unique within the set of such identifiers used for the same satellite network (i.e. taking into account the previously notified values for strap and link-noise/transmission-gain data-items).

### 1.3 ‘Group table’ (**ntc\_id**, **grp\_id**)

This set consists of the **grp** table which contains one row of data for each group of assigned frequencies that is submitted for each antenna-beam. The foreign key of this table contains the “**ntc\_id**” value and the beam-name and emission/reception indicator of the antenna-beam to which the group belongs. The primary key of this table is the data-item ‘group identification number’ (“**grp\_id**”) which uniquely identifies this row in the **grp** table. The **grp** table contains the data-items that are common to a group (or list) of assigned frequencies. When the submission is published by the BR, the value for “**grp\_id**” will be different (as attributed by the BR)<sup>4</sup>. Another data-item - “**page\_no**” - is provided in the **grp** table which can be used by the administration to identify this group within the submission.

When the administration wishes to modify a previously notified (and recorded in the Master Register) group of assigned frequencies for a satellite network or (/) earth station, it should refer to the group of assigned frequencies that is to be modified by using the value for the ‘group identification number’ (“**grp\_id**”) that was attributed to it by the BR and published in the Weekly Circular (or Special Section). This identification number of the target group of assigned frequencies should be provided in the data-item “**tgt\_grp\_id**” that is in the **grp** table.

### 1.4 ‘Group-related-tables’ (**grp\_id**, **sequence number**)

The tables that belong to this set are the **assgn**, **emiss**, **mod\_char**, **carrier\_fr**, **provn**, **srvels**, **gpub\_ssn**, **srv\_area**, **e\_as\_stn**, **s\_as\_stn** and **e\_srvcls** tables. They contain the blocks of data that are common to a group of assigned frequencies, as well as the assigned frequencies themselves. This data consists of lists of emissions and their related values, coordination data, associated earth stations and

associated space stations. Each table in this set contains as part of its primary key the “grp\_id” value of the **grp** table row to which it belongs, thereby identifying its relationship with the **grp** table.

The table **e\_srvcls** is related to the **grp** table indirectly through the **e\_as\_stn** (associated earth station) table. Consequently, this table contains the associated earth station name as a foreign key, in addition to the “grp\_id” value.

The tables **assgn**, **emiss**, **mod\_char**, **carrier\_fr**, **provn**, **srvcls**, **gpub\_ssn**, **srv\_area** and **e\_srvcls** contain a sequence number “seq\_no” as part of the primary key, used for uniquely identifying rows of these tables which otherwise could have identical values for primary key.

When the administration wishes to modify the data in this set of tables, it should identify the **grp** table entry to which this set of data belongs (as indicated in 1.3) and provide the modified set of data.

#### **NOTE 2: Attachments (attachment numbers)**

In some of the tables that were specified for electronic submission (listed below), certain data-items are qualified with a remark in the **Comment** column indicating that they refer to attachment numbers. These are data-items that can be provided in graphical form (i.e. as a diagram), in BR’s graphical data format, in the form of equations or as plain text. These various types of data formats may be provided electronically as electronic files or as paper attachments to the electronic submission.

An **attch** table has been defined where the administration **must** indicate the manner in which the concerned attachment has been provided. It contains six data-items: “ntc\_id”, “attch\_no”, “attch\_type”, “file\_name”, and “text\_info”. The data-item “attch\_no” in this table should contain a unique number within the set of such numbers used in this submission; it relates each attachment to a row in the **attch** table. The value provided here should be used for the corresponding data-item in the concerned table to relate the attachment defined by that data-item to its identifying information in the **attch** table. The data-item “text” in this table should be used to indicate where the concerned attachment can be found; sufficient information should be provided to enable the BR to clearly locate the concerned attachment. The data-item “attch\_type” is as follows:

**E** attachment is provided electronically; in this case, the fields “file\_name” should contain the name of the concerned file. For submitting a diagram related to a geostationary or non geostationary satellite network, the mandatory file format is an Access database (with an MDB extension) that the GIMS software can read, in this case there’s no need to mention this file in the attachment table.

*Diagrams related to non geostationary satellite networks may be provided as pictures that must be saved into a GIMS database. Other types of electronic files must be submitted separately.  
As GIMS v13 allows the capture of service area diagrams defined by geographical areas, you are encouraged to provide these service areas in GIMS format instead of using the srv\_area table of the SNS database.*

Other than those diagrams that should be submitted in a GIMs format mdb file, the various diagrams / attachments, the tables in which they are required and the format in which they can be provided are listed below:

Ref. to Ap4	Table Name	Column	Format	Description
B5c	e_ant	attch_e	MSWord, PDF	earth station antenna radiation diagram (when they are provided in the form of equations)
C10c4	e_as_stn	attch_e	MSWord, PDF	earth station antenna radiation diagram (when they are provided in the form of equations )
A7a	e_stn	attch_hor	MSWord, PDF	horizon elevation diagram
A10	e_ant	attch_crdn	MSWord, PDF	earth station coordination area diagram
B3e/B4a,b	s_beam	attch_e	MS Word, PDF	space station antenna radiation diagram (when they are provided in the form of equations )
A14a,b,c	mask_	all fields	XML	spectrum mask data as tables mask_eirp, mask_pfd and mask_info

Example: In order to provide MSWord, PDF a space station antenna radiation diagram for a particular beam (using beam-name WH), the following data-items need to be provided:

The data-item “attch\_e” belonging to the row in the table **s\_beam** for the beam with “beam\_name” WH should contain a value that is unique in the set of all values provided for the data-item “attch\_no” in this submission. Using the number 5 as an example, the data-item “attch\_e” referred to earlier should contain the value 5.

A row in the table **attch** should be created with the notice identification number in the data-item “ntc\_id”. It should be provided with the value 5 for the data-item “attch\_no”. This links this row to the data-item “attch\_e” in table **s\_beam** for beam WH and it therefore should be a unique value in the table **attch** for the data-item “attch\_no”. This row should contain the letter E for the data-item “attch\_type” indicating that the attachment is provided electronically. The data-items “file\_name” in this row of the **attch** table should contain the filename of the file containing the diagram. For example, the file name could be “LA\_WH.PNG”. Finally, the data-item “text” in this table should contain some text indicating that a file with name “LA\_WH.PNG” contains the equations describing the antenna radiation pattern.

A file “LA\_WH.PNG” should be attached to the electronic submission, containing the particular space station antenna radiation diagram.

### NOTE 3: Action-Code ( act\_code )

A brief explanation of the structure of satellite network and earth station submitted data (as defined by Appendix 4) is provided here in order to describe the use of the data-item called “act\_code” (referred to as the Action-Code). This description has been updated taking into account the provisions of resolves 5 of Resolution 55 of WRC-2000 which mandates electronic filings.

A satellite network / earth station can be considered to be a hierarchical ‘inverted-tree’ structure where the tables are presented at various levels. There are four such levels. At the highest level (“station” level) there is the space station / earth station data which is contained in the **notice, geo, non\_geo, orbit, phase, c\_pfd, sat\_oper, orbit\_lnk, e\_stn, e\_ant\_elev** and **hor\_elev** tables. The next level is

the antenna beam level (“beam” level), represented by the **s\_beam** and **e\_ant** tables; there is one row of data per satellite/earth station antenna beam. The next level is the “group” level comprising the tables **grp**, **assgn**, **emiss**, **mod\_char**, **carrier\_fr**, **provn**, **srvcls**, **gpub\_ssn** and **srv\_area**. These tables contain the data pertaining to a group (or list) of assigned frequencies, such as emissions, coordination data, class-of-station, service-area, bandwidth and the frequencies themselves. All common data-items are in the **grp** table and the lists of data such as frequencies, emissions, etc. are in the **assgn**, **emiss**, **provn**, **srvcls**, **gpub\_ssn** and **srv\_area**. Below the “group” level are the tables **e\_as\_stn**, **s\_as\_stn** and **e\_srvcls**, which can be referred to as “below-group” level. In addition, for geostationary satellites, there are two tables for the strapping data (**strap** table) and the associated link noise / transmission gain data (**ngma** table). These two tables can be considered to be at the level below **geo** table, but are independent of the antenna-beams. Please refer to the attached diagrams (Annexes 4 and 5) showing these tables and levels as they are applicable to the Appendix 4/II and Appendix 4/III notice forms.

The data-item “act\_code” occurs at each of the levels described above and is used to specify whether the information at that level (and in certain cases, in the levels below it) is to be added, modified, replaced or suppressed during the processing of the notification or the coordination request. The permitted values are A - add, M - modify, S - suppress and blank. The term “existing” is used to refer to a previously notified<sup>6</sup> satellite network or earth station that has been recorded in the Master Register or published as a coordination request. The terms “level below” and “level above” are used to refer to the data-items in the tables that are structurally below or above the concerned level, as shown in the above-mentioned attached diagrams.

1. “Station” Level (**notice** table)

The data-item “act\_code” in the **notice** table should contain one of the following values:

**blank** not permitted at this level;

**A** if the notification is of a new satellite network / earth station (i.e. being notified for the first time); in this case “act\_code” in all the levels below should be blank;

**M** if the notification contains modifications to a previously notified<sup>6</sup> satellite network / earth station;

**S** if the intention of this notification is to suppress a previously notified<sup>6</sup> satellite network / earth station; in this case, data should be only present in the **notice** table (and any one of the **geo** or **non\_geo** or **e\_stn** tables, as appropriate); there should be no other data-items in the notification.

2. “Beam” level (**s\_beam** or **e\_ant** table)

The following values are permitted for the data-item “act\_code” at this level:

**blank** if the data-item “act\_code” in the level above is A;

**A** if this antenna/beam is being added to an existing satellite network / earth station; the data-item “act\_code” in the level above should be M; the data-item “act\_code” in all the levels below should be blank;

**M** if this is an existing antenna/beam that is being modified either at this level or at a lower level; for an electronic submission, all beam data should be provided and if any data needs to be modified at this level, the corresponding data-items should contain the modified value; the only values that can be left blank are the attachment numbers for the antenna gain contours diagram, the antenna-gain-vs-gso diagram and the radiation pattern diagram; the data-item “act\_code” in the level above should be M;

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<sup>6</sup> “previously notified” means a satellite network or earth station that has been either recorded in the Master Register or published as a coordination request.

**S** if the intention is to suppress (delete) an existing antenna/beam and all the groups below it; the data-item “act\_code” in the level above should be M; there should be no data below this level.

### 3. “Group” level (**grp** table)

The data-item “act\_code” must contain one of the following values at this level:

**blank** if the data-item “act\_code” in any of the levels above is A or R;

**A** if this group is being added to an existing antenna/beam; the data-item “act\_code” in each of the levels above should be M; the data-item “act\_code” in the level below should be blank;

**M** if an existing group is being modified either at this level or at the lower level; for an electronic submission, all group data should be provided and if any data needs to be modified at this level, the corresponding data-items should contain the modified value; the only value that can be left blank is the attachment number for the service area diagram; the data-item “act\_code” in each of the levels above should be M; if the modification pertains to any of the list of frequencies (**assgn** table), the list of emissions (**emiss** table), the list of coordination information (**provn** table), the list of class-of-station/nature-of-service values (**srvcls** table), the list of special-section references (**gpub\_ssn** table) or the list of service-area countries (**srv\_area** table), then the modified lists must be provided in their entirety as they would look following the modification;

**S** if the intention is to suppress (delete) an existing group and all data below it; the data-item “act\_code” in each of the levels above should be M; there should be no data-items in any of the other tables at this level or below.

### 4. “Below-group” level (**e\_as\_stn** / **s\_as\_stn** tables)

The data-item “act\_code” at this level must contain one of the following values:

**blank** if the data-item “act\_code” in any of the levels above is A or R;

**A** if this associated station is being added to an existing group; the data-item “act\_code” in each of the levels above should be M;

**M** if this is a modification to an existing associated earth / space station; for an electronic submission, all the associated earth / space station data should be provided and if any data needs to be modified at this level, the corresponding data-items should contain the modified value; the only value that can be left blank is the attachment number for the radiation pattern diagram; the data-item “act\_code” in each of the levels above should be M; if the modification pertains to the list of class-of-station/nature-of-service values (**e\_srvcls** table), then this list must be provided in its entirety as it would look following the modification;

**S** if the intention is to suppress (delete) an existing associated station; the data-item “act\_code” in each of the levels above should be M.

### 5. **Strap** and **ngma** tables

The following values are permitted for the data-item “act\_code” in these tables:

**blank** if the data-item “act\_code” at the station level is A;

**A** if this row of strap or link-noise / transmission-gain data is being added to an existing satellite network; the data-item “act\_code” at the station level should be M;

**M** if this is a modification to an existing row of strap or link-noise / transmission-gain data; all data-items should be provided, with values modified as required and these will be used to replace the corresponding existing data-items; the data-item “act\_code” at the station level should be M;

S if the intention is to suppress (delete) an existing row of strap or link-noise / transmission-gain data; the data-item “act\_code” at the station level should be M.

<b>NOTE 4: Earth Station Antenna Pattern</b>
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If the earth station radiation pattern is not specified as REC-465, REC-580, AP28, AP29 or as A-25\*LOG(FI), where A is a two-digit number (typically 32, 29 or 27), but can be described by two logarithmic expressions:

$G = GMAX$	$PHI < 1^\circ$
$G = COEFA - COEFB * LOG (PHI)$	$1^\circ \leq PHI \leq PHI1$
$G = MAX (MIN (G(PHI1), COEFC - COEFD * LOG (PHI)), -10)$	$PHI > PHI1$

values of COEFA, COEFB, COEFC, COEFD and PHI1 should be provided. Two examples are given below.

Example 1

$G = 29 - 25 \log \varphi$	$1^\circ \leq \varphi \leq 20^\circ$
$G = 32 - 25 \log \varphi$	$20^\circ < \varphi \leq 48^\circ$
$G = -10$	$\varphi > 48^\circ$
i.e. PHI1 = 20	

Example 2

$G = 29 - 25 \log \varphi$	$1^\circ \leq \varphi \leq 6.9^\circ$
$G = 8$	$6.9^\circ < \varphi \leq 9.1^\circ$
$G = 32 - 25 \log \varphi$	$9.1^\circ < \varphi \leq 48^\circ$
$G = -10$	$\varphi > 48^\circ$
i.e. PHI1 = 6.9	

**NOTE 5: Codes used in fdg\_ref.d\_type**

In the table fdg\_ref, data items d\_type and d\_fdg\_rev are used together to indicate a date of review relating to the findings of a frequency assignment (see Table 13B3), as well as to store BR regulatory dates concerning the frequency assignment (see table below). The data item d\_type contains the code indicating the type, and d\_fdg\_rev contains the date concerned.

For the explanation of the codes relating to the date of review relating to the findings of a frequency assignment, please see Table 13B3.

The codes used to store BR regulatory dates are as follows:

Code	Description
E	E The date on which request for Special-Procedure under Resolution 553 cases is received; This date will be different from that of the date from which an assignment is taken into account according to the RR (2D date) which will be established by the Bureau according to Paragraph 10 of Attachment to Resolution 553 (WRC-12).
G	The Regulatory deadline date to be used as a regulatory time limit for bringing into use. Required for coordination, notification and Plan notices. As from 01.01.2013, migrated to grp. d_reg_limit.
H	The Regulatory deadline date to be used as regulatory time limit for submission of CR. Required for API (No. 9.5D) notices.
I	The date of receipt of the complete due diligence information. Required for notices other than Resolution 49 and Resolution 552 (WRC-12).
J	The confirmed date of bringing into use.
K	The date of receipt of the corresponding coordination request group of frequency assignments. Required for notification notices only.
L	The date of receipt of launch failure information. Required only for App.30, 30A and 30B notices.
M	The date of receipt of the corresponding assignment in the MIFR with a favourable finding. Required for certain App. 30 Art 4 notices. For implementing PFD mask of the 2nd mask of Annex 4 to App. 30.
N	The date of receipt of the corresponding Notification information received in 21.4-22 GHz band for implementing PFD masks Resolution 553 (WRC-12).
O	The date on which ordinary case in the 21.4-22 GHz band is received; This date will be same as that of the date from which an assignment is taken into account according to the RR (2D date).
P	The date the assignment entered into the Plan/List. Required only for App.30, 30A and 30B notices.
Q	The date of receipt of the related Part A submission. Required only for App.30, 30A and 30B notices. As from 01.01.2013, migrated to grp. d_rcv_start.
R	The Bureau has been informed that use of this assignment, which had been suspended, was resumed on that date.
S	The Bureau has been informed that use of this assignment is suspended as from that date.
U	The first date of bringing into use (point h) of Annex 2 to Resolution 552). This date has already been provided under Article 11 and is inserted by the Bureau.

**NOTE 6: Codes used in *tr\_aff\_ntw.coord\_prov***

The following symbols are used to distinguish No. 9.7 and Article 7 of Ap30A cases in the *coord\_prov* field of the *tr\_aff\_ntw* table in the SRS database.

9.7-CI: Delta T/T > 6% identified under Case I only (Wanted and interfering networks sharing the same frequency band in the same direction of transmission)

9.7-CII or A30A#7.1-CII: Delta T/T > 6% identified under Case II only (Wanted and interfering networks sharing the same frequency band in opposite directions of transmission (bidirectional use))

A30A#7.1-CI: PFD criteria is exceeded or Delta T/T > 6% identified under Case I only (Wanted and interfering networks sharing the same frequency band in the same direction of transmission)

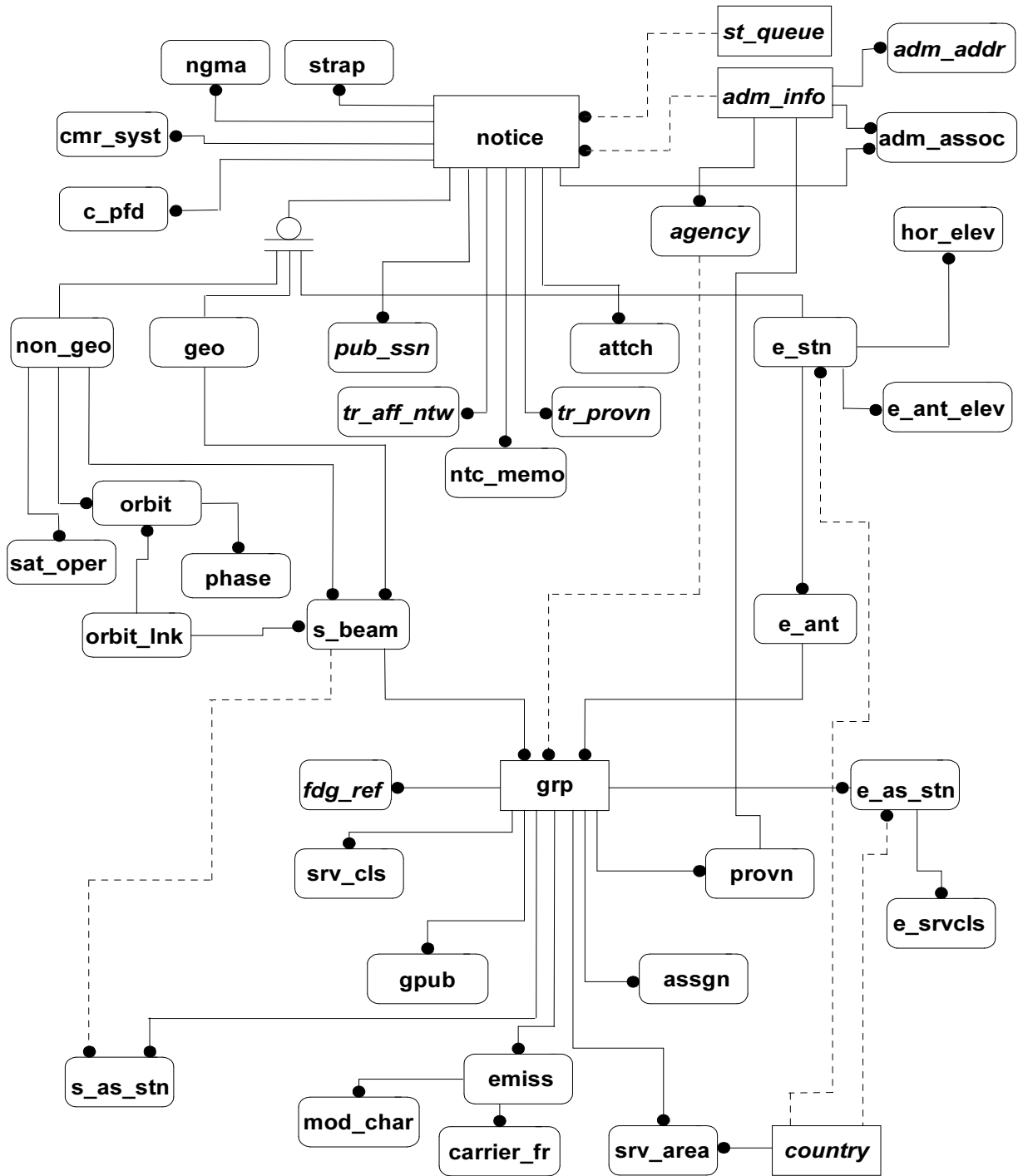


**NOTE 7: Codes used in ntc\_commit.commit\_type**

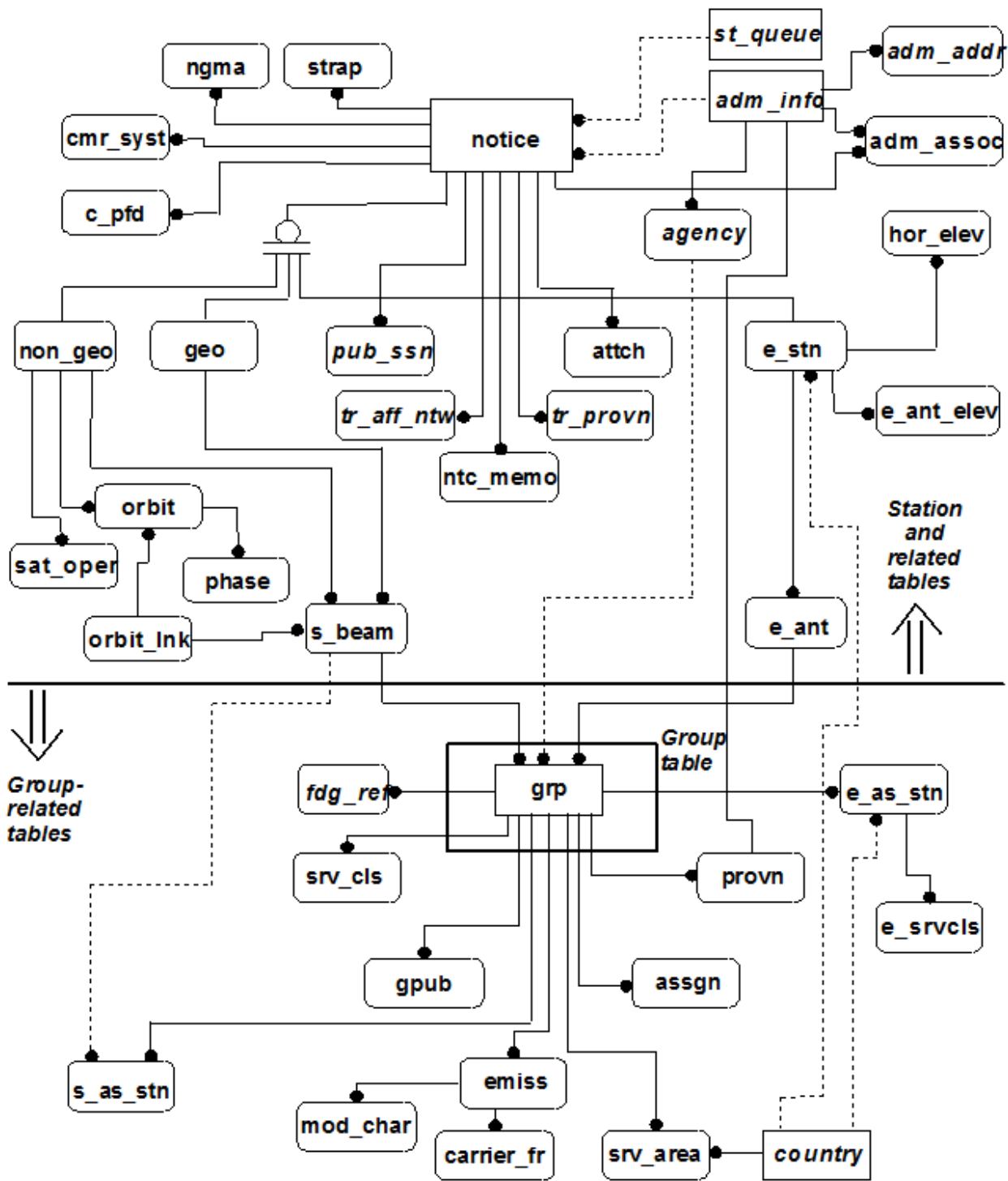
In the table ntc\_commit, the commit\_type data item is used to indicate the type of regulatory commitment provided by the administration in relation to the current notice.

The codes with its relevant references to Appendix 4 or to specific resolutions to be entered into the commit\_type data item are as follows:

<b>Code</b>	<b>RR Reference</b>	<b>Description</b>
EFFORT_11-41-2	11.41.2	An indication to the Bureau that efforts have been made to effect coordination with those administrations whose assignments were the basis of the unfavourable findings under No. 11.38, without success, in accordance with No.11.41.2.
ESIM_169-1	AP4, A.20.a	a commitment that the ESIM operation would be in conformity with the Radio Regulations and Resolution 169
ESIM_169-2	AP4, A.21.a	a commitment that, upon receiving a report of unacceptable interference, the notifying administration for the GSO FSS network with which ESIMs communicate shall follow the procedures in resolves 4 of Resolution 169
ESIM_169-3	AP4, A.22.a	a commitment that aeronautical ESIMs would be in conformity with the pfd limits on the Earth's surface specified in Part II of Annex 2 to Resolution 169
MILESTONE	AP4, A.23.a	a commitment stating that the characteristics as modified will not cause more interference or require more protection than the characteristics provided in the latest notification information published in Part I S for the frequency assignments to the non-geostationary-satellite system
QV	RES770, Res. 3	a commitment that the NGSO FSS system complies with the limits given in No. 22.5L, in accordance with Resolves 3 of Res 770
ROP_4-4	PARA 1.6 ROP 4.4	A confirmation that the administration has determined that the frequency assignments under No.4.4 meet the conditions referred to in para 1.6 of ROP and that it has identified measures to avoid harmful interference and to immediately eliminate such in case of a complaint
SDM	AP4, A.24.a	a commitment by the administration that, in the case that unacceptable interference caused by a non-GSO satellite network or system identified as short-duration mission in accordance with Resolution 32 is not resolved, the administration shall undertake steps to eliminate the interference or reduce it to an acceptable level



Annex 1: Entity relationship diagram

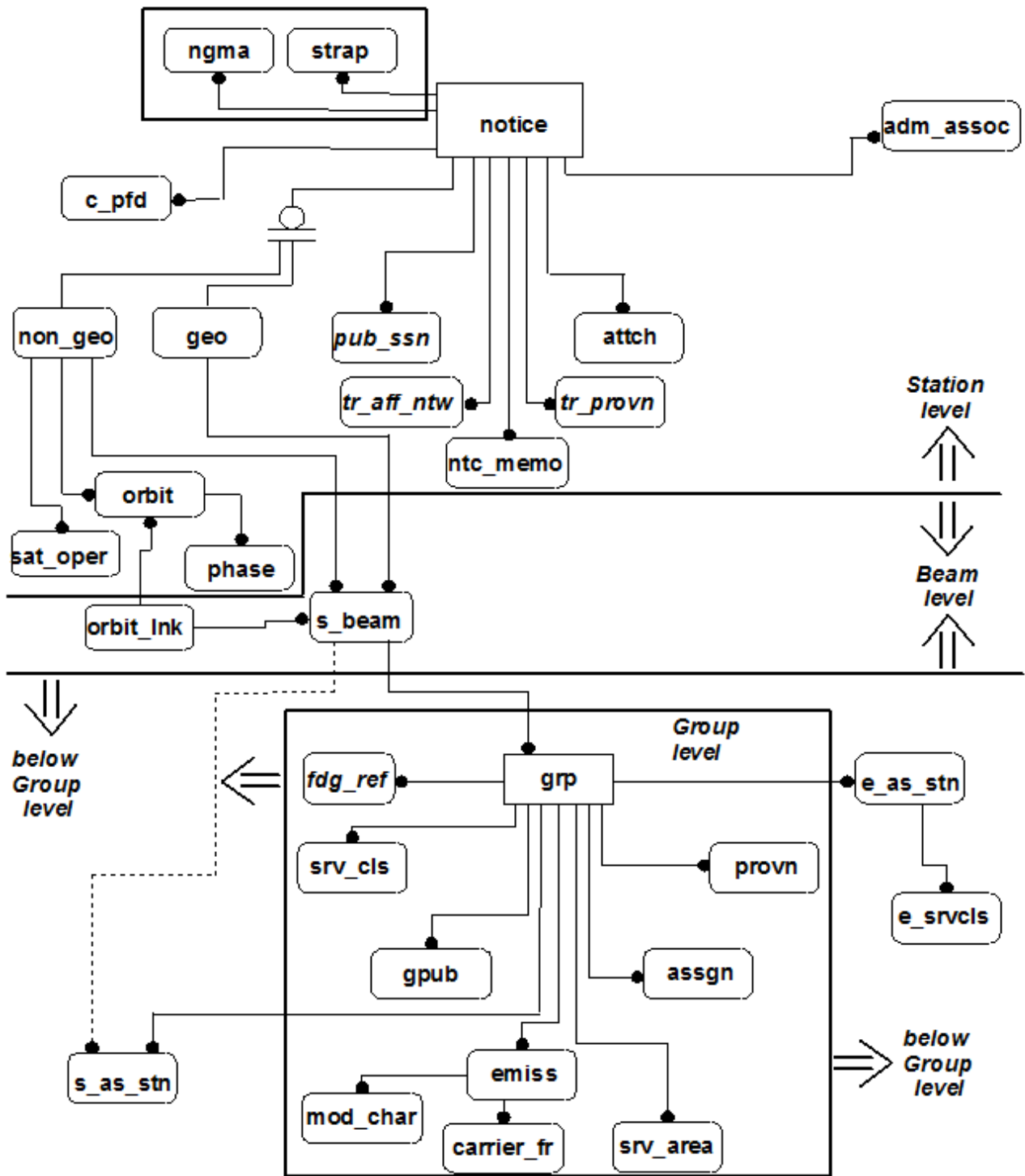


**Explanation of the symbols:**


Independent Entity		Dependent Entity	
Identifying Relationship		Non-identifying Relationship	
Complete Subcategory		Subcategory Connector	


*Entity name in italics indicates reference / BR data*

**Annex 2: Entity relationship diagram showing sets**





Explanation of the symbols:


Independent Entity 

Dependent Entity 

Identifying Relationship 

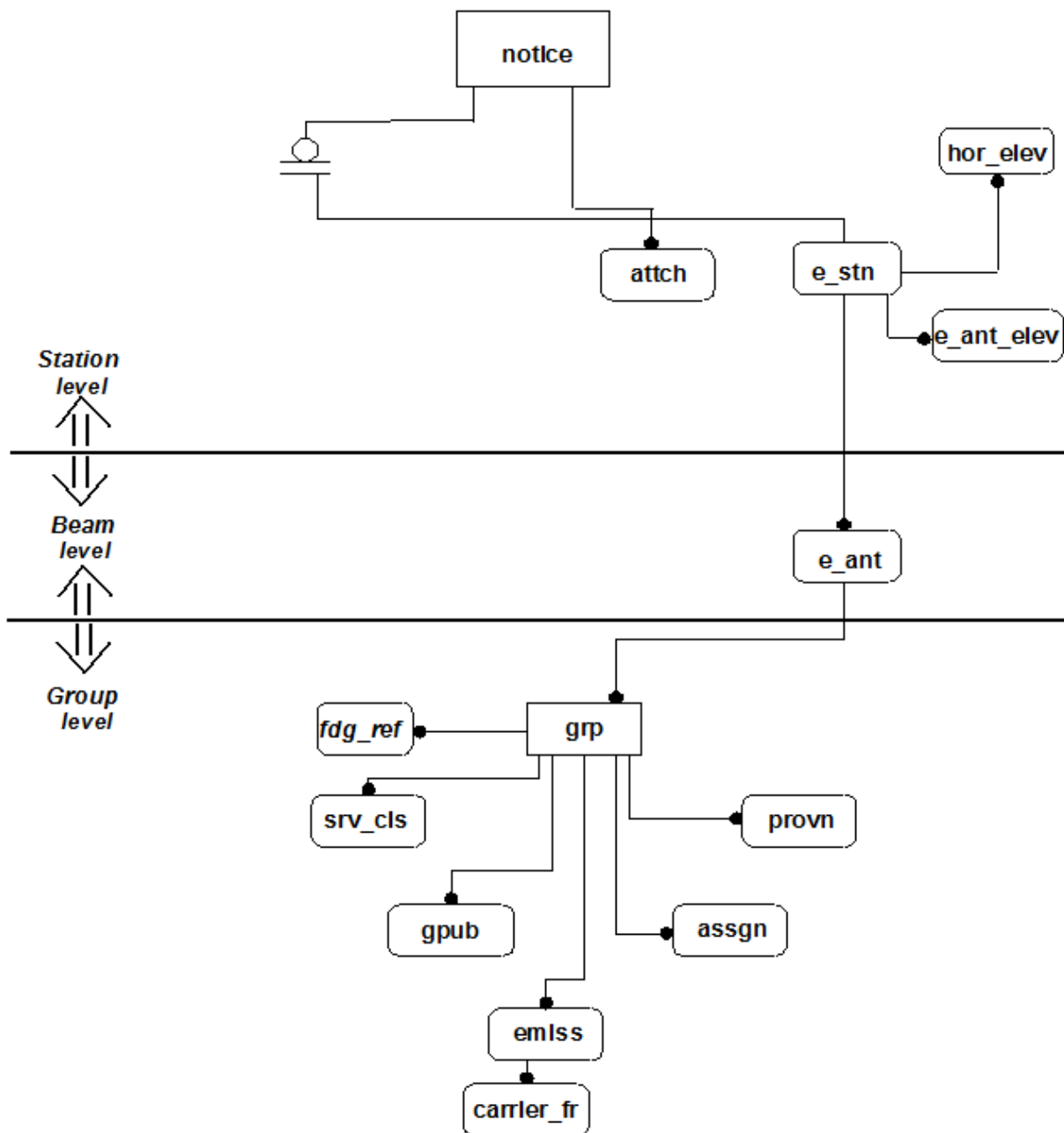
Non-identifying Relationship 

Complete Subcategory 

Subcategory Connector 

*Entity name in italics indicates reference / BR data*

**Annex 3: Appendix 4/II - Tables and levels**



Annex 4: Appendix 4/III - Tables and levels

## SECTION III

### CHAPTER 2

#### Description of the GXT format for exchange of graphical data related to satellite networks

##### 1. Introduction

The purpose of this section is to describe the file format (GXT) that can be used to save GIMS graphical data into textual format.

In its current version (no 2), the format described in this section covers graphical data related to **geostationary and non-geostationary** satellite networks.

It is now mandatory to submit the graphical data created using the GIMS software in MS Access database (.mdb) format. However, the details of this format will not be described here.

To create a database compatible with the GIMS format you can either use the GIMS software or the GIMAPI32 library. Both software components can be used to import graphical data in the GXT format into an .mdb format compatible with GIMS.

##### 2 Overall Description and Definitions

The format described in this document is based on the format of Windows initialization (\*.INI) files. Therefore, it is a text format (using printable characters in the Windows-1252 character set, also known as ANSI), based on the idea of structuring the file into several **sections**, where each section is identified by a **section name** and includes a set of **entries**, where each entry consists of a string identifier called **key**, followed by the **value** of the related parameter, separated from its key with the = sign.

The order of the sections in the file and of the entries in each section cannot be modified.

Each section name is encapsulated between square brackets and written on a single line. Each entry (of the form "key=value") is written on a single line. Line separator is assumed to be carriage return **and** line feed (CR+LF).

Thus, the overall aspect of a file following this format and containing N sections is the one shown in Figure 1 below.

```

[SectionName1]
key1=value1
key2=value2
key3=value3
.....
.....
.....
[SectionName2]
key1=value1
key2=value2
key3=value3
.....
.....
.....
[SectionNameN]
key1=value1
key2=value2
key3=value3
.....
.....
.....

```

**Figure 1: Overall aspect**

The following paragraphs describe the details of each section in the file and specify the names used for sections and keys. These are to be considered as keywords and should only be used in the file according to their specified meaning.



**Certain key elements that appear in this section are also present on the SRS part of the electronic notice for satellite networks (as required under Appendix 4). These elements are used to establish the correspondence between the SRS part and the graphical data. It is therefore essential that these elements are exactly the same on the notice form and in the file containing the graphical data.**

When appropriate, this section also indicates if a given entry is mandatory or optional and gives the set of allowed values for a given parameter, together with their meanings, as well as an indication about the maximum number of characters (string length) that is taken into account when applicable.

For some count parameters (such as number of diagrams, number of points ...), this section also indicates the maximum allowed values. However, these limitations are currently needed only for compatibility purposes with the existing storage system. It is expected that in later versions no limitations will be applicable anymore.

Any line starting with the '#' character is considered as a comment and therefore will be ignored.

In the following paragraphs, the following abbreviations are adopted when indicating the types of parameters:

char :	character string
int:	integer value
real:	real value
geo coord:	geographical coordinates (longitude;latitude)

### 3 The [FormatInfo] Section

The format described in this section may be subject to further additions, modifications and enhancements in order to meet future requirements.

At the top of the file is a mandatory section entitled [FormatInfo] where the needed version information appears. Currently, this section contains only one entry, but it is likely to be expanded later.

Section Name:	<b>[FormatInfo]</b>			
Purpose:	This section contains global information about the format version used in the file. <b>There must be one and only one [FormatInfo] section in the file.</b>			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>format_ver</b>	int	2	Yes	The version number of the format used in the file.  Two values are accepted: <b>1</b> is for the original format used for geostationary satellites data <b>2</b> when the file contains non-geostationary or geostationary satellite data, based on this section.

### 4. Geostationary Satellite Networks Graphical Data

This section formally describes the use of the above defined format as a mean to submit and/or produce files describing graphical data for geostationary satellite networks. This data mainly involves description of the following diagram types:

- **Space station antenna gain contours on the Earth's surface.**
- **Space station antenna service area outlines on the Earth's surface.**
- **Space station antenna gain towards the geostationary orbit (GSO).**

#### 4.1 General

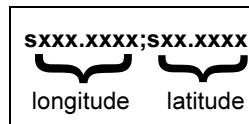
A given file may include one or more diagrams related to the same satellite network. Therefore, immediately after the [FormatInfo] section is a section called [GeoMain] which includes this information, together with other information globally used in the file such as the satellite orbital longitude, the number of diagrams contained in the file, the notifying administration code, etc..

The representation of each diagram consists of a **mandatory header section**, marking the start of a new diagram description, and where the identifying elements appear (the beam designation, the emission/reception flag, etc.). The header section name and layout vary depending on the type of the described diagram. It is then followed by several sections describing the diagram according to its type. Gain contours and service areas diagrams are mainly described in the form of **geographical points on the Earth's surface**. Gain/GSO diagrams are described in the form of Cartesian (gain; longitude) points.



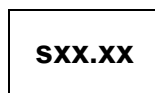
The adopted representation for the geographical coordinates is **longitude; latitude, in degrees**, as signed real numbers in decimal notation, with 3 significant digits to the left of the decimal point for longitude, 2 significant digits to the left of the decimal point for latitude and 4 significant digits to the right of the decimal point. The decimal point character that should be used is (.), and a semicolon (;) is used as a separator between longitude and latitude. Longitudes are assumed to be in the range -180 to 180 and latitudes are assumed to be in the range -90 to 90. West longitudes and South latitudes are considered to be negative. East longitudes and North latitudes are considered to be positive.

Therefore, the general format used to represent the geographical coordinates of a given point on the Earth's surface is:



Where s refers to the sign character which can be either + or -. If the sign is omitted here, it is considered to be positive (+).

The adopted representation for the gain values (when needed) is **gain in dB**, as signed real numbers in decimal notation, with 2 significant digits to the left of the decimal point and 2 significant digits to the right of the decimal point. The decimal point character that should be used is (.). Therefore, the general format used to represent the gain values is:



Where s refers to the sign character which can be either + or -. If the sign is omitted here, it is considered to be positive (+).

In addition, where the term “relative gain” is used, it designates the gain value in dB relative to the maximum gain. The relative gain values are negative.

## 4.2 The [GeoMain] section

Section Name:	<b>[GeoMain]</b>			
Purpose:	This section contains global information about the file. <b>There must be one and only one [GeoMain] section in the file.</b>			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>ntc_id</b>	int	9	No	The unique identifier of the notice.
<b>adm</b>	char	3	Yes	The notifying administration 3-character code, according to Table No.1A in the Preface.
<b>ntwk_org</b>	char	3	No	The symbol of the responsible organization operating regional or international satellite networks, (see Table No 2 in the Preface).
<b>sat_name</b>	char	30	Yes	The name of the satellite network to which the file is related.
<b>long_nom</b>	real	7	Yes	The satellite nominal orbital longitude, in degrees, and in the range -180 to 180 degrees. The format used for this parameter is <b>sxxx.xx</b> , where s is the sign character.
<b>n_diag</b>	int	2	Yes	The number of diagrams described in the file. This number should correspond to the number of header sections appearing in the file. <b>The maximum allowed value for this parameter is 99.</b>

### Example:

The following [GeoMain] section indicates that the file includes descriptions for 1 diagram, notified by USA for the ACS-1 satellite, having its nominal orbital position at 100 degrees West.

```
[GeoMain]
adm=USA
sat_name=ACS-1
long_nom=-100.000           (or   long_nom=-
100)
n_diag=1
```

Figure 2

### 4.3 Description of a Gain Contours Diagram

The description of a gain contours diagram consists of several sections, specifying the associated header elements, the boresights data and gain contours data. In this context, **the word boresight(s) is used to designate the point(s) of maximum/peak gain, and should not be confused with the “aim point” of the related beam.** The needed data is therefore composed by the number of boresights, the geographical coordinates and the relative gain value in **dB** for each boresight, the number of gain contours and, for each contour, the associated relative gain value in **dB**, the number of points forming the contour and the geographical coordinates of each point. This data is organized in the following sections as described below.

#### 4.3.1 The [COHeader] section

Section Name:	<b>[COHeader]</b>			
Purpose:	The description of any gain contours diagram in the file always starts with a mandatory [COHeader] section. This section contains the elements that, together with the [GeoMain] section elements, uniquely identify the described diagram. In addition, this section contains counting fields, specifying the number of boresights and the number of contours. The layout of this section is described below.			
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>beam_id</b>	char	8	Yes	The designation of the satellite antenna beam.
<b>emi_rcp</b>	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values:  <b>E</b> , for emission (down-link)  <b>R</b> , for reception (up-link)
<b>polar_disc</b>	char	1	Yes	The polarization discriminator. This parameter must have one of the following values:  <b>C</b> , for co-polarization  <b>X</b> , for cross-polarization

<b>reason</b>	char	1	Yes	The reason for notification. This parameter must have one of the following values:  <b>A</b> , for advance publication (Art. 9.1)  <b>C</b> , for request for coordination (Art. 9.6)  <b>N</b> , for request for notification (Art. 11.2, 11.12, Article 8 of AP30B, Article 5 of AP30/30A)  <b>B</b> , for request under Articles 2A and 4 of AP30/30A  <b>P</b> , for request under Articles 6 and 7 of AP30B.
<b>n_bore</b>	int	2	Yes	The number of boresights related to the specified beam.  <b>The maximum allowed value for this parameter is 99.</b>
<b>n_cont</b>	int	2	Yes	The number of contours forming the diagram.  <b>The maximum allowed value for this parameter is 99.</b>

#### 4.3.2 The [Bi] sections

Each boresight is described in the file in a section entitled **[Bi]** (where  $i$  is the index of the boresight,  $1 \leq i \leq n\_bore$ ), which contains the geographical coordinates and the relative gain value in **dB** at this boresight. The order in which the boresights are numbered is irrelevant, but the number of **[Bi]** sections must match the value of **n\_bore** in the [COHeader] section.

Section Name:	<b>[Bi]</b>			
Purpose:	This section describes the $i^{\text{th}}$ boresight ( $1 \leq i \leq n\_bore$ ).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>gain</b>	real	6	No	The relative gain level in dB at the $i^{\text{th}}$ boresight. The used format is <b>sxx.xx</b> , where $s$ is the sign character. <b>If this entry is omitted, the relative gain value at the boresight is considered to be 0dB.</b>
<b>p</b>	geo coord	18	Yes	The geographical coordinates in degrees (longitude; latitude) of the $i^{\text{th}}$ boresight. The format for this entry is <b>sxxx.xxxx; sxx.xxxx</b> , where $s$ is the sign character.

### 4.3.3 The [Ci] sections

Each gain contour is described in the file in a section entitled [Ci] (where i is the index of the contour,  $1 \leq i \leq n\_cont$ ), which contains the associated gain value, the number of points forming the contour and the coordinates of these points. The order in which the contours are numbered is irrelevant, but the number of [Ci] sections must match the value of **n\_cont** in the [COHeader] section.

It is important to note that the word "contour" is used here to designate a single set of **consecutive geographical points**, forming a single geographical line which can be either open or closed. In other words, if, for instance, the -2dB gain contour consists of two (or more) disjoint lines, a [Ci] section for each of these lines must appear in the file. This also applies to the value that should be given to the **n\_cont** parameter in the previous section.

- When the described contour is a closed contour, the first specified point can be anywhere on the contour, and the last specified point must be the same point as the starting point in order to close the contour.
- When the contour is an open contour, the first specified point must be at one of the two ends, and the last specified point must be at the other end. In addition, the first and last specified points must be on the horizon seen from the space station.

However, in both cases, the sense of rotation of the contour (clockwise or anti-clockwise) is not relevant.

Section Name:	[Ci]			
Purpose:	This section describes the i <sup>th</sup> contour ( $1 \leq i \leq n\_cont$ ).			
Entries				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>gain</b>	real	6	Yes	The relative gain level in dB associated with this contour. The used format is <b>sxx.xx</b> , where s is the sign character.
<b>n_point</b>	int	4	Yes	The number of points forming the contour.
<b>pn</b>	geo coord	18	Yes	The geographical coordinates in degrees (longitude; latitude) of the n-th point. The format for this entry is <b>sxxx.xxxx;sxx.xxxx</b> , where s is the sign character.  There must be an entry of this type for each point. The index n takes integer values in the range $1 \leq i \leq n\_cont$ .



**The total number of points used to describe the complete set of contours in a given diagram (that is, the sum of the n\_point parameter values in the different related [Ci] sections) is limited by the following formula:**

$$2N_P < \min(7840, 7967 - 10N_C - 2N_B)$$

**Where**

**N<sub>P</sub> is the total number of points**

**N<sub>C</sub> is the total number of contours**

**N<sub>B</sub> is the total number of boresights**

In terms of resolution, the density of the supplied points does not need to be uniform (no regular sampling step is required). That is, the specified points do not need to be equally spaced neither in longitude nor in latitude. The “resolution” of the supplied points may vary, depending on the complexity of the diagram part being described. It is the responsibility of the diagram provider to operate this resolution-complexity modulation, according to the desired accuracy.

Figure 3 below shows the overall aspect of the description of a gain contours diagram.

```
[COHeader]
beam_id=
emi_rcp=
polar_disc=
reason=
n_bore=
n_cont=

[B1]
gain=
p=

[B2]
gain=
p=

.....
.....

[C1]
gain=
n_point=
p1=
p2=
p3=
.....
.....

[C2]
gain=
n_point=
p1=
p2=
p3=
.....
.....
```

**Figure 3: Overall aspect for gain contours description**

#### 4.4 Description of a Service Area Diagram

Antenna service area is assumed to be composed of one or more service regions, each of which may be defined by two different methods:

- a) As discrete points, specifying one or more earth station locations represented by discrete (longitude; latitude) coordinates;
- b) As a continuous contour, defining the outline of the service region, be it geographical (the boundaries of a given country, or the visible part of one of the three radiocommunication Regions) or a gain contour.

Therefore, the complete description of the service area consists in specifying the associated header elements, the number of service regions forming the service area, and then describing each service region in an independent section. This data is organized in the following sections as described below.

##### 4.4.1 The [SAHeader] section

Section Name:	<b>[SAHeader]</b>			
Purpose:	The description of any service area diagram in the file always starts with a mandatory [SAHeader] section. This section contains the elements that, together with the [GeoMain] section elements, uniquely identify the described diagram. In addition, this section contains the number of service regions forming the service area. The layout of this section is described below.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>beam_id</b>	char	8	Yes	The designation of the satellite antenna beam.
<b>emi_rcp</b>	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values:  <b>E</b> , for emission (down-link)  <b>R</b> , for reception (up-link)
<b>reason</b>	char	1	Yes	The reason for notification. This parameter must have one of the following values:  <b>A</b> , for advance publication (Art. 9.1)  <b>C</b> , for request for coordination (Art. 9.6)  <b>N</b> , for request for notification (Art. 11.2, 11.12, Article 8 of AP30B, Article 5 of AP30/30A)  <b>B</b> , for request under Articles 2A and 4 of AP30/30A  <b>P</b> , for request under Articles 6 and 7 of AP30B.

<b>srv_area</b>	char	30	Yes	The service area name.
<b>area_no</b>	int	2	Yes	<p>The service area number.</p> <p><b>The first service area number should be 1 and, in the case where there are many different service areas associated with a given satellite antenna beam, these additional service areas should be numbered consecutively (2, 3, 4, etc.).</b></p> <p><b>On the SRS part of the electronic notice, the field “<u>Service Area Number</u>” relating to the service area for the group of frequencies operating in the beam in question must contain the corresponding service area number as contained in this file.</b></p> <p><b>The maximum allowed value for this parameter is 99.</b></p>
<b>n_rgn</b>	int	2	Yes	<p>The number of service regions forming the service area.</p> <p><b>The maximum allowed value for this parameter is 500.</b></p>
<b>n_exrgn</b>	int	3	No	<p>The number of service regions describing the countries to be excluded from the service area.</p> <p>If this entry is not set one assumes that there are no excluded service regions.</p> <p><b>The maximum allowed value for this parameter is 100.</b></p>

#### 4.4.2 The [SR*i*] sections

Each service region is characterized by a service region name, a flag indicating whether it is a discrete region or not, the number of points forming this region and, finally, the geographical coordinates of these points on the Earth’s surface. These elements are grouped in a section entitled [SR*i*], where *i* is the index of the service region ( $1 \leq i \leq n\_rgn$ ). The order in which the service regions are numbered is irrelevant, but the number of [SR*i*] sections must match the value of **n\_rgn** in the [SAHeader] section.



Section Name:	<b>[SR<i>i</i>]</b>			
Purpose:	This section describes the $i^{\text{th}}$ service region ( $1 \leq i \leq n_{\text{rgn}}$ ).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>rgn_name</b>	char	20	Yes	The name of the service region.
<b>discrete</b>	char	1	No	This is a flag indicating whether the service region is discrete or not. It must have one of the following values:  <b>Y</b> , the service region is discrete  <b>N</b> , the service region is not discrete.  If this entry is omitted, the service region is considered to be continuous (not discrete)
<b>n_point</b>	int	4	No (see below)	The number of points forming the service region outline.
<b>pn</b>	geo coord	18	No (see below)	The geographical coordinates in degrees (longitude; latitude) of the $n^{\text{th}}$ point. The format for this entry is <b>sxxx.xxxx; sxx.xxxx</b> , where s is the sign character.  There must be an entry of this type for each point. The index n takes integer values in the range $1 \leq n \leq n_{\text{point}}$ .

- When the outline of a given service region is specified as a contour, it must be a closed contour, and needs to be closed by the horizon seen from the space station (when applicable). In this case, the **n\_point** and **pn** entries are mandatory.
- When the outline of a given service region is the political boundaries of a given country, it can be automatically retrieved from the **IDWM** (ITU's Digitized World Map). In order to achieve this, the service region name must consist of the "**IDWM:**" prefix, followed by the desired (3 characters) country code. The service region is considered by default to be the complete political boundaries of the specified country, and the **n\_point** and **pn** entries are not needed and can be omitted. When only a part of the specified country is to be considered as the service region outline, two geographical points must be specified ( $n_{\text{point}}=2$ ): these points respectively define the lower left and upper right corners of the "geographical window" inside which the political boundaries of the specified country are to be considered as the service region outline.
- When the outline of a given service region is the visible part of one of the three radiocommunication Regions, it can also be automatically retrieved from the **IDWM**. In order to achieve this, the service region name must consist of the "**IDWM:**" prefix, followed by one of the following 3 characters code for the desired Region:

XR1            for Region 1  
 XR2            for Region 2  
 XR3            for Region 3.

In this case as well, the service region is considered by default to be the complete specified Region, and the **n\_point** and **pn** entries are not needed and can be omitted.

When only a part of the specified Region is to be considered as the service region outline, two geographical points must be specified ( $n\_point=2$ ): these points respectively define the lower left and upper right corners of the “geographical window” inside which the outlines of the specified Region are to be considered as the service region outline.

Thus, the service region name *IDWM:XR2*, for instance, indicates that the service region outline is the visible part of the radiocommunication Region 2.



**The total number of points used in the file to describe a complete service area diagram (that is, the sum of the  $n\_point$  parameter values (when specified) in the different related [SR*i*] sections) is limited to:**

**20000**

In terms of resolution (when the service region outline is supplied as a contour), the density of the supplied points does not need to be uniform (no regular sampling step is required). That is, the specified points do not need to be equally spaced neither in longitude nor in latitude. The “resolution” of the supplied points may vary, depending on the complexity of the diagram part being described. It is the responsibility of the diagram provider to operate this resolution-complexity modulation, according to the desired accuracy.

#### 4.4.3 The [SREXi] sections

It is sometimes desired to exclude countries from a service area (e.g. due to exclusions to frequency allocations in a footnote in Article 5). This is the purpose of the [SREXi] sections that will contain the country codes of the excluded territories. The [SREXi] sections are very simple; they are made up of only the region name that must consist of the “IDWM:” prefix, followed by the (3 characters) code of the country to exclude. Valid country codes are list in Table 1B of the Preface.

Section Name:	<b>[SREXi]</b>			
Purpose:	This section describes the $i^{\text{th}}$ excluded service region ( $1 \leq i \leq n\_exrgn$ ).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>rgn_name</b>	char	20	Yes	The name of the service region.

Figure 4 below shows the overall aspect of the description of a service area diagram.

```
[SAHeader]
beam_id=
emi_rcp=
reason=
srv_area=
area_no=
n_rgn=
n_exrgn=

[SR1]
rgn_name=
discrete=
n_point=
p1=
p2=
p3=
p4=
p5=
.....
.....

[SR2]
rgn_name=IDWM:RG2

[SR3]
rgn_name=IDWM:TUN

[SR4]
rgn_name=IDWM:ALG
n_point=2
p1=-7.500;18.984
p2=11.986;35.000

[SREX1]
rgn_name=IDWM:BEL
.....
.....
```

**Figure 4: Overall aspect for service area description**

#### **4.5 Description of a Gain towards the GSO Diagram**

The satellite antenna gain to the GSO diagram shows the gain of the satellite antenna in the direction of the geostationary orbit (those points which are not obscured by the Earth), as a function of the orbital longitude. We refer to this diagram type as GSO.

Therefore, this diagram consists of an orthogonal axis pair, with linear gain scale along the y axis and a continuous linear orbital longitude scale along the x axis. The orbital longitude axis should cover a full 360 degrees range and increases eastwards.

The antenna gain/GSO versus orbital longitude diagram is stored as a series of (gain; longitude) coordinates. The west part of the diagram is taken to be the part with the lower orbital longitude values.

Figure 5 shows the typical aspect of this diagram with West and East parts bounding the zone obscured by the Earth (relative to the considered satellite). However, this general aspect may be different if the obscured part is placed on the axes intersection point (origin). This can be implemented through simple geometrical transformation (e.g., axes translation).

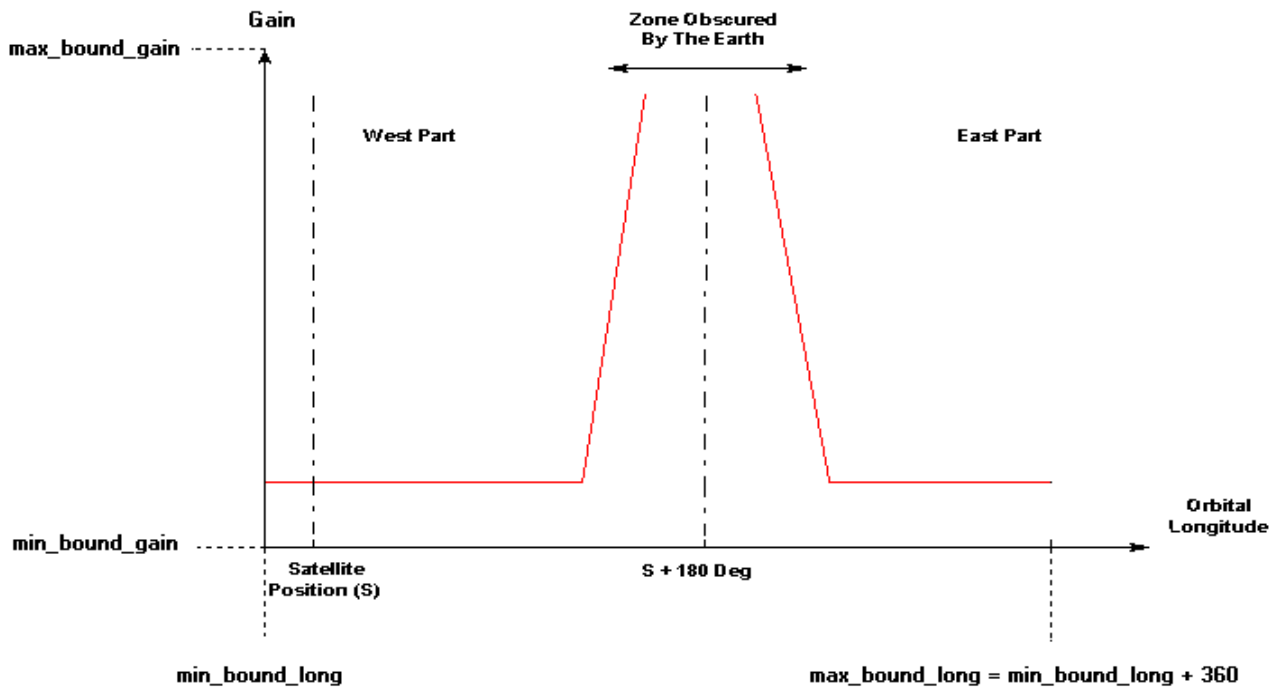


Figure 5

Therefore, the complete description of the Gain/GSO diagram consists in specifying the boundaries of the diagram (minimum and maximum gain and minimum and maximum longitude) and then describing the diagram as a series of (gain; longitude) points. This data is organized in the following sections as described below.

#### 4.5.1 The [GSOHeader] section

Section Name:	<b>[GSOHeader]</b>			
Purpose:	The description of any Gain/GSO diagram in the file always starts with a mandatory [GSOHeader] section. This section contains the elements that, together with the adm, sat_name and long_nom from the [GeoMain] section, uniquely identify the described diagram. In addition, this section contains the boundaries of the diagram. The layout of this section is described below.			
Entries:				
<u>Key</u>	<u>Type</u>	<u>Maximum Length</u>	<u>Mandatory</u>	<u>Meaning and Format</u>
<b>beam_id</b>	char	4	Yes	The designation of the satellite antenna beam.
<b>emi_rcp</b>	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values:  <b>E</b> , for emission (down-link)  <b>R</b> , for reception (up-link)
<b>polar_disc</b>	char	1	Yes	The polarization discriminator. This parameter must have one of the following values:  <b>C</b> , for co-polarization  <b>X</b> , for cross-polarization

<b>reason</b>	char	1	Yes	<p>The reason for notification. This parameter must have one of the following values:</p> <p><b>C</b>, for request for coordination (Art. 9.6)</p> <p><b>N</b>, for request for notification (Art. 11.2, 11.12, Article 8 of AP30B, Article 5 of AP30/30A)</p> <p><b>B</b>, for request under Articles 2A and 4 of AP30/30A</p> <p><b>P</b>, for request under Articles 6 and 7 of AP30B.</p>
<b>min_bound_gain</b>	real	6	Yes	<p>The minimum gain value in dB, used in the diagram (see Figure 5). The format for this entry is <b>sxx.xx</b>, where s is the sign character.</p>
<b>max_bound_gain</b>	real	6	Yes	<p>The maximum gain value in dB, used in the diagram (see Figure 5). The format for this entry is <b>sxx.xx</b>, where s is the sign character.</p>
<b>min_bound_long</b>	real	9	Yes	<p>The minimum orbital longitude used in the diagram (see Figure 5), in degrees. The format for this entry is <b>sxxx.xxxx</b>, where s is the sign character.</p>
<b>max_bound_long</b>	real	9	Yes	<p>The maximum orbital longitude used in the diagram (see Figure 5), in degrees. The format for this entry is <b>sxxx.xxxx</b>, where s is the sign character.</p>

## 4.5.2 The [GSODiag] section

Section Name:	[GSODiag]			
Purpose:	This section contains the data describing the GSO diagram, as a series of (gain;longitude) points.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>n_point</b>	int	4	Yes	The number of points forming the GSO diagram.
<b>pn</b>	coord	16	Yes	The Cartesian coordinates (gain; longitude) of the n-th point in the diagram. The longitude is expressed in degrees, and the gain is expressed in dB. The format for this entry is <b>sxx.xx; sxxx.xxxx</b> , where s is the sign character.  There must be an entry of this type for each point. The index n takes integer values in the range $1 \leq n \leq n\_point$ .



**The total number of points used in the file to describe a complete Gain/GSO diagram (that is, the value of the n\_point parameter in the [GSODiag] section) must not exceed 1960.**

In terms of resolution, the density of the supplied points does not need to be uniform (no regular sampling step along the orbital longitude axis is required). That is, the specified points do not need to be equally spaced in the interval *min\_bound\_long* to *max\_bound\_long*. The “resolution” of the supplied points may vary, depending on the complexity of the diagram part being described. It is the responsibility of the diagram provider to operate this resolution-complexity modulation, according to the desired accuracy.

Figure 6 below shows the overall aspect of the description of a Gain/GSO diagram.

```

[GSOHeader]
beam_id=
emi_rcp=
polar_disc=
reason=
min_bound_gain=
max_bound_gain=
min_bound_long=
max_bound_long=

[GSODiag]
n_point=
p1=
p2=
p3=
p4=
p5=
.....
.....

```

**Figure 6: Overall aspect for Gain/GSO description**

## 5 Non-Geostationary Satellite Networks Graphical Data

This section describes the use of the GXT format as a means to submit and/or produce files describing graphical data for non-geostationary satellite networks.

Most graphical data for non-geostationary satellite networks are notified in the form of picture or image file and they are thus stored as received. No process of digitization is applied that could transform the picture into data meaningful for potential calculation software. With version 13 of the GIMS software application, it is possible to notify the service areas of non-geostationary satellite networks which are defined by geographical areas and in a format that allows for the retrieval of information. The GXT format has therefore been adapted accordingly (see section 5.4).

### 5.1 General

A given file may include one or more diagrams related to the same satellite network. Therefore, immediately after the [FormatInfo] section is a section called [NGeoMain] which includes information identifying the network such as the satellite name and the notifying administration code. This section also contains the number of diagrams contained in the file.

The representation of each diagram consists of a **mandatory header section**, marking the start of a new diagram description, where the identifying elements appear (the beam designation, the emission/reception flag, etc.), followed by a **diagram section** describing the diagram image or the service area.

### 5.2 The [NGeoMain] section

Section Name:	<b>[NGeoMain]</b>			
Purpose:	This section contains global information about the file, as well as some global parameters used along the file. <b>There must be one and only one [NGeoMain] section in the file.</b>			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>ntc_id</b>	int	9	No	The unique identifier of the notice.
<b>adm</b>	char	3	Yes	The notifying administration 3 characters code, according to Table No.1A in the Preface.
<b>ntwk_org</b>	char	3	No	The symbol of the responsible organization operating regional or international satellite networks, (see Table No. 2 in the Preface).
<b>sat_name</b>	char	20	Yes	The name of the satellite network to which the file is related.
<b>n_diag</b>	int	2	Yes	The number of diagrams described in the file. This number should correspond to the number of header sections appearing in the file.  <b>The maximum allowed value for this parameter is 99.</b>

**Example:**

The following [NGeoMain] section indicates that the file includes descriptions for 1 diagram, notified by USA for the ACS-1 satellite.

FIGURE 7

**Section NGeoMain**

```
[NGeoMain]
adm=USA
sat_name=ACS-1
n_diag=1
```

**5.3 Description of a Non-Geostationary Diagram**

Two sections describe a non-geostationary diagram: one that consists in the diagram header elements that define the associated beam and another that provides diagram data (image or description of service area).

**5.3.1 The [NGeoHeader] section**

Section Name:	<b>[NGeoHeader]</b>			
Purpose:	The description of any non-geostationary diagram in the file always starts with a mandatory [NGeoHeader] section. This section contains the elements that, together with the ntc_id, adm and sat_name from the [NGeoMain] section, uniquely identify the described diagram. The layout of this section is described below.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>beam_id</b>	char	8	No	The designation of the satellite antenna beam.
<b>emi_rcp</b>	char	1	No	The emission/reception flag at the space station. This parameter must have one of the following values: <b>E</b> , for emission (down-link) <b>R</b> , for reception (up-link)
<b>reason</b>	char	1	Yes	The reason for notification. This parameter must have one of the following values: <b>A</b> , for advance publication (Art. 9.1) <b>C</b> , for request for coordination (Art. 9.6) <b>N</b> , for request for notification (Art. 11.2, 11.12)



<b>diag_type</b>	char	5	Yes	<p>The type of non-geostationary diagram. This entry can be set to one of the following values:</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Diagram</th> <th>AP4 Item</th> </tr> </thead> <tbody> <tr> <td>AFRGN</td> <td>Affected region</td> <td>C11b</td> </tr> <tr> <td>AGEA</td> <td>Antenna gain vs elevation angle</td> <td>B4b2</td> </tr> <tr> <td>ESPAT</td> <td>Earth station radiation pattern</td> <td>C10d5a</td> </tr> <tr> <td>SA</td> <td>Service area</td> <td>C11a</td> </tr> <tr> <td>SLEA</td> <td>Spreading loss vs elevation angle</td> <td></td> </tr> <tr> <td>SMK</td> <td>Spectrum mask diagram,</td> <td>C9c2</td> </tr> <tr> <td>SSPAT</td> <td>Space station radiation pattern</td> <td>B3c1</td> </tr> </tbody> </table>	Code	Diagram	AP4 Item	AFRGN	Affected region	C11b	AGEA	Antenna gain vs elevation angle	B4b2	ESPAT	Earth station radiation pattern	C10d5a	SA	Service area	C11a	SLEA	Spreading loss vs elevation angle		SMK	Spectrum mask diagram,	C9c2	SSPAT	Space station radiation pattern	B3c1
Code	Diagram	AP4 Item																										
AFRGN	Affected region	C11b																										
AGEA	Antenna gain vs elevation angle	B4b2																										
ESPAT	Earth station radiation pattern	C10d5a																										
SA	Service area	C11a																										
SLEA	Spreading loss vs elevation angle																											
SMK	Spectrum mask diagram,	C9c2																										
SSPAT	Space station radiation pattern	B3c1																										
<b>diag_no</b>	int	2	Yes	The number of the diagram. This number must match the corresponding diagram number field in the SNS database.																								
<b>seq_no</b>	int	2	Yes	<p>The sequence number of a picture representing the diagram (starting from 1).</p> <p>To be used when more than one picture are making up a diagram.</p> <p>Its value shall be ignored if the [NGeoSADiag] section follows.</p>																								

### 5.3.2 The [NGeoDiag] section

The image bytes making up the non-geostationary diagram are included in the NGeoDiag section that must immediately follow the NGeoHeader section. The NGeoDiag section also contains titles and legends of the diagram as described below.

Section Name:	<b>[NGeoDiag]</b>			
Purpose:	The [NGeoDiag] section includes a textual representation of the diagram image bytes. There are also titles and legends giving a description of the diagram. The layout of this section is described below.			
Entries:				
<b>Key</b>	<b>Type</b>	<b>Maximum Length</b>	<b>Mandatory</b>	<b>Meaning and Format</b>
<b>title</b>	char	100	Yes	The diagram title (in English).
<b>subtitle</b>	char	100	No	The diagram subtitle giving additional information about the diagram (in English).
<b>legend_x</b>	char	50	No	If applicable for the diagram type, the legend of the X axis (in English).

<b>legend_y</b>	char	50	No	If applicable for the diagram type, the legend of the Y axis (in English).
<b>pict_type</b>	char	3	Yes	The format of the image used for the diagram image. The following image formats and associated codes are supported: <b>JPG</b> : JPEG format <b>BMP</b> : Bitmap format <b>GIF</b> : Graphics Interchange Format <b>PNG</b> : Portable Network Graphics <b>TIF</b> : Tagged Image File Format (TIFF).
<b>pict_bytes</b>	char		Yes	The picture bytes encoded with a base64 encoding schema as described in RFC 2045 ( <a href="http://www.ietf.org/rfc/rfc2045.txt">http://www.ietf.org/rfc/rfc2045.txt</a> ). Due to the fact that this entry can be fairly long, it can be split into several lines. The first line does not necessarily need to be at the right of the “=” sign following the pict_bytes entry name (see Figure 7).
<b>pict_size</b>	int	7	Yes	The actual size, in bytes, of the picture. This value cannot exceed 5242880.

FIGURE 7

Overall aspect of a non-geostationary diagram description defined by image

**[FormatInfo]**

format\_ver=2

**[NGeoMain]**

ntc\_id=1

adm=USA

sat\_name=?

n\_diag=1

**[NGeoHeader]**

beam\_id=

emi\_rcp=

reason=C

diag\_type=NOAP4

diag\_no=1

seq\_no=1

**[NGeoDiag]**

title=Shuttle

pict\_type=JPG

pict\_bytes=

/9j/4AAQSkZJRgABAQEBALEsAAD/4QBoRXhpZgAASUkqAAgAAAAEABoBBQABAAAAPgAAABsBBQAB  
AAAARgAAACgBAwABAAAAAAwAADEBAgARAAAATgAAAAAAAAABezQEA6AMAAF7NAQDoAwAAUFGP  
bnQu

TkVUIHYzLjUuNQD//9sAQwAGBAUGBQQGBgUGBwGCAoQCgoJCQoUDg8MEBcUGBgXFBYWGh0IHxob  
IxxWFiAsICMmJykqKRkflTAtKDAIKCko/9sAQwEHBwKCAoTCgoTKBoWGigoKCgoKCgoKCgoKCgo  
KCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgo/8AAEQgAHwAwAwEiAAIRAQMRAF/E  
AB8AAAEFAQEBAQEBAAAAAAAAAAABAQMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECA  
wAE

EQUISITFBbhNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCckqNDU2Nzg5OkNERUZH

SEIKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqqoqaqys7S1

tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEB

AQEAAAAAAAAABAQMEBQYHCAkKC//EALURAAIBAgQEAWQHBBQEEAAECdwABAQMRBAUhmQYSQVEHY  
XET

IjKBCBRcKaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSINUVVZZXWFla

Y2RlZmdoaWpzdHV2d3h5eokDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXG

x8jJytLTlNXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8AUPFyaieOtWZASflw

az9SE0dlcPaosk6xs0aNNdnjHHvX0F9LnlJFNo6iaKul0L4miC+FtrWiRXCu4BIWd4jGDj6ggf7

ufevQ5IIYb4QfLPIBIJA+o6/WueGijN2Np0ZQV2ZTxVEYgc5q/gOMgHHY+tRSJW109j01jq3j5NQ

SR1t6hbLbsCBjOeKi32s8KxsCJf72OIZutpcapvY8M+Knhu3sSNWtisazPtmQt1Y5ORn8eKwPCPj

jUPDuyA4vNMB5t5D90d9jfw9+ORz0r17xj4M0zWbwS3dzdiRU2KI2G38iDj8K4o/Cy2a3w+pSLP0

ykQ2e3Gc9PeuCrTIKTIBaHbTqRjG02b0vxH8KaivmR/aLGu7QqNC23aFAAIGQOnbjGOKmsdc0vUZ

hFZ30EspGQmcMfoDyawnP+GdhBMr317NdqBjZt8sH8Qc11FhoWl6aQbKxt4nHRwuW/76PP61vR9p

FWexjVdOTutz/9k=

pict\_size=1094

### 5.3.3 The [NGeoSADiag] section

This section serves to define an antenna service of a non-geostationary satellite.

Antenna service area is assumed to be composed of one or more service regions, each of which is defined by a geographical area. The GXT format and consequently GIMS do not provide support for service areas defined by a means other than geographical area.

Therefore, the complete description of the service area consists in specifying the number of service regions forming the service area, and then describing each service region in an independent section. This data is organized in the following sections as described below.

Section Name:	<b>[NGeoSADiag]</b>			
Purpose:	This section contains the number of service regions forming the service area.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>n_rgn</b>	char	2	Yes	The number of service regions forming the service area. <b>The maximum allowed value for this parameter is 4 500.</b>
<b>n_exrgn</b>	char	3	No	The number of service regions describing the countries to be excluded from the service area. If this entry is not set one assumes that there are no excluded service regions. <b>The maximum allowed value for this parameter is 300.</b>

### 5.3.4 The [SRi] sections

Each service region is characterized by a service region name, the number of points forming this region and, finally, the geographical coordinates of these points on the Earth's surface. These elements are grouped in a section entitled **[SRi]**, where  $i$  is the index of the service region ( $1 \leq i \leq n\_rgn$ ). The order in which the service regions are numbered is irrelevant, but the number of **[SRi]** sections must match the value of **n\_rgn** in the [SAHeader] section.

Section Name:	<b>[SRi]</b>			
Purpose:	This section describes the $i^{\text{th}}$ service region ( $1 \leq i \leq n\_rgn$ ).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>rgn_name</b>	char	20	Yes	The name of the service region.
<b>n_point</b>	int	4	No (see below)	The number of points forming the service region outline.

<b>pn</b>	geo coord	18	No (see below)	<p>The geographical coordinates in degrees (longitude; latitude) of the n<sup>th</sup> point. The format for this entry is <b>sxxx.xxxx; sxx.xxxx</b>, where s is the sign character.</p> <p>There must be an entry of this type for each point. The index n takes integer values in the range <math>1 \leq n \leq n\_point</math>.</p>
-----------	-----------	----	-------------------	---

- When the outline of a given service region is the political boundaries of a given country, it can be automatically retrieved from the **IDWM** (ITU’s Digitized World Map). In order to achieve this, the service region name must consist of the “**IDWM:**” prefix, followed by the desired (3 characters) country code. The service region is considered by default to be the complete political boundaries of the specified country, and the *n\_point* and *pn* entries are not needed and can be omitted. When only a part of the specified country is to be considered as the service region outline, two geographical points must be specified (*n\_point*=2): these points respectively define the lower left and upper right corners of the “geographical window” inside which the political boundaries of the specified country are to be considered as the service region outline.

- When the outline of a given service region is one of the three radiocommunication Regions, it can also be automatically retrieved from the **IDWM**. In order to achieve this, the service region name must consist of the “**IDWM:**” prefix, followed by one of the following 3 characters code for the desired Region:

- XR1           for Region 1
- XR2           for Region 2
- XR3           for Region 3.

In this case as well, the service region is considered by default to be the complete specified Region, and the *n\_point* and *pn* entries are not needed and can be omitted. When only a part of the specified Region is to be considered as the service region outline, two geographical points must be specified (*n\_point*=2): these points respectively define the lower left and upper right corners of the “geographical window” inside which the outlines of the specified Region are to be considered as the service region outline.

- When the outline of a given service region covers the entire ground surface, the name of the region **AREA:XAA** or **AREA:XAX** is used and the *n\_point* and *pn* entries are not needed.

### 5.3.5 The [SREXi] sections

It is sometimes desired to exclude countries from a service area (e.g. due to exclusions to frequency allocations in a footnote in Article 5). This is the purpose of the [SREXi] sections that will contain the country codes of the excluded territories. The [SREXi] sections are very simple; they are made up of only the region name that must consist of the “**IDWM:**” prefix, followed by the (3 characters) code of the country to exclude. Valid country codes are listed in Table 1B of the Preface.

Section Name:	<b>[SREX<math>i</math>]</b>			
Purpose:	This section describes the $i^{\text{th}}$ excluded service region ( $1 \leq i \leq n_{\text{exrgn}}$ ).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
<b>rgn_name</b>	char	20	Yes	The name of the service region.

Figure 49 below shows the overall aspect of the description of a service area diagram.

FIGURE 9

**Overall aspect for service area description**

```

[NGeoSADiag]
n_rgn=1
n_exrgn=2
[SR1]
rgn_name=AREA:XAA
[SREX1]
rgn_name=IDWM:SUI
[SREX2]
rgn_name=IDWM:BEL

```

## SECTION IV

TABLE 1A

## Codes designating Notifying Administrations

*Note : The presence of any given code designating a country with respect to a frequency assignment to a station is without prejudice to any question of territorial status which may be involved.*

Code	Name of the administration (ITU Member State)
AFG	Afghanistan
AFS	South Africa (Republic of)
AGL	Angola (Republic of)
ALB	Albania (Republic of)
ALG	Algeria (People's Democratic Republic of)
AND	Andorra (Principality of)
ARG	Argentine Republic
ARM	Armenia (Republic of)
ARS	Saudi Arabia (Kingdom of)
ATG	Antigua and Barbuda
AUS	Australia
AUT	Austria
AZE	Azerbaijan (Republic of)
B	Brazil (Federative Republic of)
BAH	Bahamas (Commonwealth of the)
BDI	Burundi (Republic of)
BEL	Belgium
BEN	Benin (Republic of)
BFA	Burkina Faso
BGD	Bangladesh (People's Republic of)
BHR	Bahrain (Kingdom of)
BIH	Bosnia and Herzegovina
BLR	Belarus (Republic of)
BLZ	Belize
BOL	Bolivia (Plurinational State of)
BOT	Botswana (Republic of)
BRB	Barbados
BRM	Myanmar (Union of)
BRU	Brunei Darussalam
BTN	Bhutan (Kingdom of)
BUL	Bulgaria (Republic of)
CAF	Central African Republic
CAN	Canada
CBG	Cambodia (Kingdom of)
CHL	Chile
CHN	China (People's Republic of)
CLM	Colombia (Republic of)
CLN	Sri Lanka (Democratic Socialist Republic of)
CME	Cameroon (Republic of)
COD	Democratic Republic of the Congo
COG	Congo (Republic of the)
COM	Comoros (Union of the)
CPV	Cabo Verde (Republic of)
CTI	Côte d'Ivoire (Republic of)

## SECTION IV - Table 1A: Codes designating Notifying Administrations

Code	Name of the administration (ITU Member State)
CTR	Costa Rica
CUB	Cuba
CVA	Vatican City State
CYP	Cyprus (Republic of)
CZE	Czech Republic
D	Germany (Federal Republic of)
DJI	Djibouti (Republic of)
DMA	Dominica (Commonwealth of)
DNK	Denmark
DOM	Dominican Republic
E	Spain
EGY	Egypt (Arab Republic of)
EQA	Ecuador
ERI	Eritrea
EST	Estonia (Republic of)
ETH	Ethiopia (Federal Democratic Republic of)
F	France
FIN	Finland
FJI	Fiji (Republic of)
FSM	Micronesia (Federated States of)
G	United Kingdom of Great Britain and Northern Ireland
GAB	Gabonese Republic
GEO	Georgia
GHA	Ghana
GMB	Gambia (Republic of the)
GNB	Guinea-Bissau (Republic of)
GNE	Equatorial Guinea (Republic of)
GRC	Greece
GRD	Grenada
GTM	Guatemala (Republic of)
GUI	Guinea (Republic of)
GUY	Guyana
HND	Honduras (Republic of)
HNG	Hungary
HOL	Netherlands (Kingdom of the)
HRV	Croatia (Republic of)
HTI	Haiti (Republic of)
I	Italy
IND	India (Republic of)
INS	Indonesia (Republic of)
IRL	Ireland
IRN	Iran (Islamic Republic of)
IRQ	Iraq (Republic of)
ISL	Iceland
ISR	Israel (State of)
J	Japan
JMC	Jamaica
JOR	Jordan (Hashemite Kingdom of)
KAZ	Kazakhstan (Republic of)
KEN	Kenya (Republic of)
KGZ	Kyrgyz Republic
KIR	Kiribati (Republic of)
KNA	Saint Kitts and Nevis (Federation of)
KOR	Korea (Republic of)
KRE	Democratic People's Republic of Korea
KWT	Kuwait (State of)
LAO	Lao People's Democratic Republic
LBN	Lebanon



## SECTION IV - Table 1A: Codes designating Notifying Administrations

Code	Name of the administration (ITU Member State)
LBR	Liberia (Republic of)
LBY	Libya (State of)
LCA	Saint Lucia
LIE	Liechtenstein (Principality of)
LSO	Lesotho (Kingdom of)
LTU	Lithuania (Republic of)
LUX	Luxembourg
LVA	Latvia (Republic of)
MAU	Mauritius (Republic of)
MCO	Monaco (Principality of)
MDA	Moldova (Republic of)
MDG	Madagascar (Republic of)
MEX	Mexico
MHL	Marshall Islands (Republic of the)
MKD	North Macedonia (Republic of)
MLA	Malaysia
MLD	Maldives (Republic of)
MLI	Mali (Republic of)
MLT	Malta
MNE	Montenegro
MNG	Mongolia
MOZ	Mozambique (Republic of)
MRC	Morocco (Kingdom of)
MTN	Mauritania (Islamic Republic of)
MWI	Malawi
NCG	Nicaragua
NGR	Niger (Republic of the)
NIG	Nigeria (Federal Republic of)
NMB	Namibia (Republic of)
NOR	Norway
NPL	Nepal (Federal Democratic Republic of)
NRU	Nauru (Republic of)
NZL	New Zealand
OMA	Oman (Sultanate of)
PAK	Pakistan (Islamic Republic of)
PHL	Philippines (Republic of the)
PNG	Papua New Guinea
PNR	Panama (Republic of)
POL	Poland (Republic of)
POR	Portugal
PRG	Paraguay (Republic of)
PRU	Peru
QAT	Qatar (State of)
ROU	Romania
RRW	Rwanda (Republic of)
RUS	Russian Federation
S	Sweden
SDN	Sudan (Republic of the)
SEN	Senegal (Republic of)
SEY	Seychelles (Republic of)
SLM	Solomon Islands
SLV	El Salvador (Republic of)
SMO	Samoa (Independent State of)
SMR	San Marino (Republic of)
SNG	Singapore (Republic of)
SOM	Somalia (Federal Republic of)
SRB	Serbia (Republic of)
SRL	Sierra Leone

## SECTION IV - Table 1A: Codes designating Notifying Administrations

<b>Code</b>	<b>Name of the administration (ITU Member State)</b>
SSD	South Sudan (Republic of)
STP	Sao Tome and Principe (Democratic Republic of)
SUI	Switzerland (Confederation of)
SUR	Suriname (Republic of)
SVK	Slovak Republic
SVN	Slovenia (Republic of)
SWZ	Eswatini (Kingdom of)
SYR	Syrian Arab Republic
TCD	Chad (Republic of)
TGO	Togolese Republic
THA	Thailand
TJK	Tajikistan (Republic of)
TKM	Turkmenistan
TLS	Timor-Leste (Democratic Republic of)
TON	Tonga (Kingdom of)
TRD	Trinidad and Tobago
TUN	Tunisia
TUR	Turkey
TUV	Tuvalu
TZA	Tanzania (United Republic of)
UAE	United Arab Emirates
UGA	Uganda (Republic of)
UKR	Ukraine
URG	Uruguay (Eastern Republic of)
USA	United States of America
UZB	Uzbekistan (Republic of)
VCT	Saint Vincent and the Grenadines
VEN	Venezuela (Bolivarian Republic of)
VTN	Viet Nam (Socialist Republic of)
VUT	Vanuatu (Republic of)
YEM	Yemen (Republic of)
ZMB	Zambia (Republic of)
ZWE	Zimbabwe (Republic of)

**List of States Not Member of the ITU but Member of the UN**

<b>Code</b>	<b>Designation</b>
PLW	Palau (Republic of)

**List of States with a special status**

<b>Code</b>	<b>Designation</b>
PSE	State of Palestine

TABLE 1B

**Codes designating Countries or Geographical Areas**

**Note:** The codes have a geographical significance only. The presence of any given code designating a country or a geographical area with respect to a frequency assignment to a station is without prejudice to any question of territorial status which may be involved.

If the territory of an Administration consists of several geographical areas, which may be distributed in different Regions, the entire territory of that Administration is represented by several geographical codes.

Explanation of a code of the type XXX/YYYY (where XXX or YYY is a code designating an administration, country or a geographical area):

XXX indicates the code designating the notifying administration and YYY indicates the code designating the country or the geographical area, in which the station is located.

See: RES-1 (Rev. WRC-97), *resolves*

that, unless specifically stipulated otherwise by special arrangements communicated to the Union by administrations, any notification of a frequency assignment to a station shall be made by the administration of the country on whose territory the station is located.

Code	Region	Notifying Administration	Name of the geographical area
ABW	XR2	HOL	Aruba
AFG	XR3	AFG	Afghanistan
AFS	XR1	AFS	South Africa
AGL	XR1	AGL	Angola
AIA	XR2	G	Anguilla
ALB	XR1	ALB	Albania
ALG	XR1	ALG	Algeria
ALS	XR2	USA	Alaska (State of)
AMS	XR3	F	Saint Paul and Amsterdam Islands
AND	XR1	AND	Andorra
AOE	XR1	XZZ	Western Sahara
ARG	XR2	ARG	Argentina
ARM	XR1	ARM	Armenia
ARS	XR1	ARS	Saudi Arabia
ASC	XR1	G	Ascension Island
ATA	XR1	XZZ	Antarctic
ATA	XR2	XZZ	Antarctic
ATA	XR3	XZZ	Antarctic
ATA	XRY	XZZ	Antarctic
ATG	XR2	ATG	Antigua and Barbuda
AUS	XR3	AUS	Australia
AUT	XR1	AUT	Austria
AZE	XR1	AZE	Azerbaijan
AZR	XR1	POR	Azores
B	XR2	B	Brazil
BAH	XR2	BAH	Bahamas
BDI	XR1	BDI	Burundi
BEL	XR1	BEL	Belgium
BEN	XR1	BEN	Benin
BER	XR2	G	Bermuda
BES	XR2	HOL	Bonaire, St. Eustatius and Saba

## SECTION IV - Table 1B: Codes designating Countries or Geographical Areas

Code	Region	Notifying Administration	Name of the geographical area
BFA	XR1	BFA	Burkina Faso
BGD	XR3	BGD	Bangladesh
BHR	XR1	BHR	Bahrain
BIH	XR1	BIH	Bosnia and Herzegovina
BIO	XR3	G	Chagos Islands (Indian Ocean)
BLM	XR2	F	Code to be used to indicate geographical area on or after 15.04.2010 designating Saint Bartholomew (French Department of).
BLR	XR1	BLR	Belarus
BLZ	XR2	BLZ	Belize
BOL	XR2	BOL	Bolivia
BOT	XR1	BOT	Botswana
BRB	XR2	BRB	Barbados
BRM	XR3	BRM	Myanmar
BRU	XR3	BRU	Brunei Darussalam
BTN	XR3	BTN	Bhutan
BUL	XR1	BUL	Bulgaria
BVT	XR1	NOR	Bouvet Island
CAF	XR1	CAF	Central African Republic
CAN	XR2	CAN	Canada
CBG	XR3	CBG	Cambodia
CHL	XR2	CHL	Chile (except Easter Island)
CHN	XR3	CHN	China
CHR	XR3	AUS	Christmas Island (Indian Ocean)
CKH	XR3	NZL	Cook Islands
CLM	XR2	CLM	Colombia
CLN	XR3	CLN	Sri Lanka
CME	XR1	CME	Cameroon
CNR	XR1	E	Canary Islands
COD	XR1	COD	Dem. Rep. of the Congo
COG	XR1	COG	Congo (Rep. of the)
COM	XR1	COM	Comoros
CPT	XR2	F	Clipperton Island
CPV	XR1	CPV	Cape Verde
CRO	XR1	F	Crozet Archipelago
CTI	XR1	CTI	Côte d'Ivoire
CTR	XR2	CTR	Costa Rica
CUB	XR2	CUB	Cuba
CUW	XR2	HOL	Curaçao
CVA	XR1	CVA	Vatican
CYM	XR2	G	Cayman Islands
CYP	XR1	CYP	Cyprus
CZE	XR1	CZE	Czech Republic
D	XR1	D	Germany
DGA	XR3	G	Diego Garcia
DJI	XR1	DJI	Djibouti
DMA	XR2	DMA	Dominica
DNK	XR1	DNK	Denmark
DOM	XR2	DOM	Dominican Rep.
E	XR1	E	Spain
EGY	XR1	EGY	Egypt
EQA	XR2	EQA	Ecuador
ERI	XR1	ERI	Eritrea
EST	XR1	EST	Estonia
ETH	XR1	ETH	Ethiopia
F	XR1	F	France
FIN	XR1	FIN	Finland
FJI	XR3	FJI	Fiji

## SECTION IV - Table 1B: Codes designating Countries or Geographical Areas

Code	Region	Notifying Administration	Name of the geographical area
FLK	XR2	G	Falkland Islands (Malvinas)
FRO	XR1	DNK	Faroe Islands
FSM	XR3	FSM	Micronesia
G	XR1	G	United Kingdom
GAB	XR1	GAB	Gabon
GCA	XR1	G	United Kingdom (Non-metropolitan) - Region 1
GCC	XR3	G	United Kingdom - Region 3
GEO	XR1	GEO	Georgia
GHA	XR1	GHA	Ghana
GIB	XR1	G	Gibraltar
GLP	XR2	F	Code to be used to indicate geographical area on or after 15.04.2010 designating Guadeloupe (French Department of).
GMB	XR1	GMB	Gambia
GNB	XR1	GNB	Guinea-Bissau
GNE	XR1	GNE	Equatorial Guinea
GRC	XR1	GRC	Greece
GRD	XR2	GRD	Grenada
GRL	XR2	DNK	Greenland
GTM	XR2	GTM	Guatemala
GUF	XR2	F	Guiana (French Department of)
GUI	XR1	GUI	Guinea
GUM	XR3	USA	Guam
GUY	XR2	GUY	Guyana
HKG	XR3	CHN	Hong Kong (Special Administrative Region of China)
HMD	XR3	AUS	Heard and McDonald Islands
HND	XR2	HND	Honduras
HNG	XR1	HNG	Hungary
HOL	XR1	HOL	Netherlands
HRV	XR1	HRV	Croatia
HTI	XR2	HTI	Haiti
HWA	XR2	USA	Hawaii (State of)
HWL	XR3	USA	Howland Island
I	XR1	I	Italy
ICO	XR3	AUS	Cocos (Keeling) Islands
IND	XR3	IND	India
INS	XR3	INS	Indonesia
IRL	XR1	IRL	Ireland
IRN	XR3	IRN	Iran (Islamic Republic of)
IRQ	XR1	IRQ	Iraq
ISL	XR1	ISL	Iceland
ISR	XR1	ISR	Israel
J	XR3	J	Japan
JAR	XR3	USA	Jarvis Island
JMC	XR2	JMC	Jamaica
JON	XR2	USA	Johnston Island
JOR	XR1	JOR	Jordan
KAZ	XR1	KAZ	Kazakhstan
KEN	XR1	KEN	Kenya
KER	XR3	F	Kerguelen Islands
KGZ	XR1	KGZ	Kyrgyz Republic
KIR	XR3	KIR	Kiribati
KNA	XR2	KNA	Saint Kitts and Nevis
KOR	XR3	KOR	Korea (Republic of)
KRE	XR3	KRE	Democratic People's Republic of Korea
KWT	XR1	KWT	Kuwait
LAO	XR3	LAO	Lao P.D.R.
LBN	XR1	LBN	Lebanon

## SECTION IV - Table 1B: Codes designating Countries or Geographical Areas

Code	Region	Notifying Administration	Name of the geographical area
LBR	XR1	LBR	Liberia
LBY	XR1	LBY	Libyan Arab Jamahiriya
LCA	XR2	LCA	Saint Lucia
LIE	XR1	LIE	Liechtenstein
LSO	XR1	LSO	Lesotho
LTU	XR1	LTU	Lithuania
LUX	XR1	LUX	Luxembourg
LVA	XR1	LVA	Latvia
MAC	XR3	CHN	Macao (Special Administrative Region of China)
MAF	XR2	F	Code to be used to indicate geographical area on or after 15.04.2010 designating Saint Martin (French Department of).
MAU	XR1	MAU	Mauritius
MCO	XR1	MCO	Monaco
MDA	XR1	MDA	Moldova
MDG	XR1	MDG	Madagascar
MDR	XR1	POR	Madeira
MDW	XR2	USA	Midway Islands
MEX	XR2	MEX	Mexico
MHL	XR3	MHL	Marshall Islands
MKD	XR1	MKD	The former Yugoslav Rep. of Macedonia
MLA	XR3	MLA	Malaysia
MLD	XR3	MLD	Maldives
MLI	XR1	MLI	Mali
MLT	XR1	MLT	Malta
MNE	XR1	MNE	Montenegro
MNG	XR1	MNG	Mongolia
MOZ	XR1	MOZ	Mozambique
MRA	XR3	USA	Northern Mariana Islands (Commonwealth of the)
MRC	XR1	MRC	Morocco
MRN	XR1	AFS	Marion Island
MRT	XR2	F	Martinique (French Department of)
MSR	XR2	G	Montserrat
MTN	XR1	MTN	Mauritania
MWI	XR1	MWI	Malawi
MWM			This code is used to indicate either a coordination that is required, or one that has been obtained, on a worldwide basis.
MYT	XR1	F	Mayotte (Territorial Collectivity of)
NCG	XR2	NCG	Nicaragua
NCL	XR3	F	New Caledonia
NFK	XR3	AUS	Norfolk Island
NGR	XR1	NGR	Niger
NIG	XR1	NIG	Nigeria
NIU	XR3	NZL	Niue
NMB	XR1	NMB	Namibia
NOR	XR1	NOR	Norway
NPL	XR3	NPL	Nepal
NRU	XR3	NRU	Nauru (Republic of)
NZL	XR3	NZL	New Zealand
OCE	XR3	F	French Polynesia
OMA	XR1	OMA	Oman
PAK	XR3	PAK	Pakistan
PAQ	XR2	CHL	Easter Island
PHL	XR3	PHL	Philippines
PHX	XR3	KIR	Phoenix Islands
PLM	XR3	USA	Palmyra Island
PLW	XR3	PLW	Palau (Rep. of)
PNG	XR3	PNG	Papua New Guinea

## SECTION IV - Table 1B: Codes designating Countries or Geographical Areas

Code	Region	Notifying Administration	Name of the geographical area
PNR	XR2	PNR	Panama
POL	XR1	POL	Poland
POR	XR1	POR	Portugal
PRG	XR2	PRG	Paraguay
PRU	XR2	PRU	Peru
PTC	XR3	G	Pitcairn Island
PTR	XR2	USA	Puerto Rico
QAT	XR1	QAT	Qatar
REU	XR1	F	Reunion (French Department of)
ROD	XR3	MAU	Rodrigues
ROU	XR1	ROU	Romania
RRW	XR1	RRW	Rwanda
RUS	XR1	RUS	Russian Federation
S	XR1	S	Sweden
SDN	XR1	SDN	Sudan (Republic of the)
SEN	XR1	SEN	Senegal
SEY	XR1	SEY	Seychelles
SHN	XR1	G	Saint Helena
SLM	XR3	SLM	Solomon Islands
SLV	XR2	SLV	El Salvador
SMA	XR3	USA	American Samoa
SMO	XR3	SMO	Samoa
SMR	XR1	SMR	San Marino
SNG	XR3	SNG	Singapore
SOM	XR1	SOM	Somalia (Rep. Federal of)
SPM	XR2	F	Saint Pierre and Miquelon (Territorial Collectivity of)
SRB	XR1	SRB	Serbia
SRL	XR1	SRL	Sierra Leone
SSD	XR1	SSD	South Sudan (Republic of)
STP	XR1	STP	Sao Tome and Principe
SUI	XR1	SUI	Switzerland
SUR	XR2	SUR	Suriname
SVK	XR1	SVK	Slovakia
SVN	XR1	SVN	Slovenia
SWN	XR2	HND	Swan Islands
SWZ	XR1	SWZ	Swaziland
SXM	XR2	HOL	St. Maarten (Dutch part)
SYR	XR1	SYR	Syrian Arab Republic
TCA	XR2	G	Turks and Caicos Islands
TCD	XR1	TCD	Chad
TGO	XR1	TGO	Togo
THA	XR3	THA	Thailand
TJK	XR1	TJK	Tajikistan
TKL	XR3	NZL	Tokelau
TKM	XR1	TKM	Turkmenistan
TLS	XR3	TLS	Timor-Leste (Dem. Rep. of)
TON	XR3	TON	Tonga
TRC	XR1	G	Tristan da Cunha
TRD	XR2	TRD	Trinidad and Tobago
TUN	XR1	TUN	Tunisia
TUR	XR1	TUR	Turkey
TUV	XR3	TUV	Tuvalu
TZA	XR1	TZA	Tanzania
UAE	XR1	UAE	United Arab Emirates
UGA	XR1	UGA	Uganda
UKR	XR1	UKR	Ukraine
URG	XR2	URG	Uruguay

## SECTION IV - Table 1B: Codes designating Countries or Geographical Areas

Code	Region	Notifying Administration	Name of the geographical area
USA	XR2	USA	United States
UZB	XR1	UZB	Uzbekistan
VCT	XR2	VCT	Saint Vincent and the Grenadines
VEN	XR2	VEN	Venezuela
VIR	XR2	USA	United States Virgin Islands
VRG	XR2	G	British Virgin Islands
VTN	XR3	VTN	Viet Nam
VUT	XR3	VUT	Vanuatu
WAK	XR3	USA	Wake Island
WAL	XR3	F	Wallis and Futuna Islands
XAA			Shared throughout the world
XAN	XR2	HOL	Code to be used to indicate affected geographical area for coordination information received prior to 05.04.2012 for HOL. This code is to be considered as applying equally to Curaçao, St. Maarten (Dutch part) and the islands Bonaire, St. Eustatius and Saba
XAX			Shared by several countries, but in a restricted area of the world
XBR			Indicates recordings in the MIFR which do not result from a notification (allotments and common frequencies) which are entered by the BR in accordance with the RR. It is also used in some frequency Plans
XBY	XR1	XZZ	Abyei region
XCQ	XR3		This code is used to indicate the former geographical area CAR (Caroline Islands). This code is to be considered as applying equally to Micronesia (Federated States of) and Republic of Palau until a final decision has been taken by the two Administrations concerned and United States of America (notifying administration of the allotment against which it appears) regarding the status of that allotment
XCS	XR1		This code is used to indicate affected administration / coordination information received prior to 01.01.1993 for TCH. This code is to be considered as applying equally to the Czech Republic and the Slovak Republic until a final decision has been taken by the two Administrations concerned regarding the status of the assignment or the allotment against which it appears
XGP	XR2	F	Code to be used to indicate affected geographical area for coordination information received prior to 15.04.2010 for GDL. This code is to be considered as applying equally to the Guadeloupe (French Department of), Saint Bartholomew (French Department of) and Saint Martin (French Department of)
XGZ	XR1	XZZ	Gaza Strip
XMM			This code is used to indicate the use of the frequency assignment for inter-ship communications
XOA			International Civil Aviation Organization
XR1			Region 1
XR2			Region 2
XR3			Region 3
XRY			Antarctic Region
XSC	XR1		Only against assignments notified by the Administration of ex Serbia and Montenegro
XSD	XR1		This code is used to indicate affected administration/coordination information for SDN identified based on its former territory prior to 14 July 2011. This code is to be considered as applying equally to Sudan and South Sudan. This code is also used to indicate affected geographical area for SDN and SSD identified from 14 July 2011 to 30 June 2012



**SECTION IV - Table 1B: Codes designating Countries or Geographical Areas**

<b>Code</b>	<b>Region</b>	<b>Notifying Administration</b>	<b>Name of the geographical area</b>
XSD	XR1	XSD	This code is used to indicate affected administration/coordination information for SDN identified based on its former territory prior to 14 July 2011. This code is to be considered as applying equally to Sudan and South Sudan until a final decision has been taken by both Administrations regarding their national boundary. This code is also used to indicate affected geographical area for SDN and SSD on and after 14 July 2011
XSP	XR3	XZZ	Spratly Island
XSU	XR1		Only against assignments notified by the Administration of ex-USSR
XUN			United Nations
XVE			Visible Earth
XWB	XR1	XZZ	West Bank
XWM			World Meteorological Organization
XYU	XR1		This code is used to indicate affected administration / coordination information received prior to 01.01.1992 for YUG (Yugoslavia (Federal Republic of)). This code is to be considered as applying equally to Bosnia and Herzegovina, Republic of Croatia, the former Yugoslav Republic of Macedonia, Republic of Slovenia, Serbia and Montenegro until a final decision has been taken by the six Administrations concerned regarding the status of the assignment or the allotment against which it appears
XZZ			Administrative status of the geographic area is subject to special arrangements
YEM	XR1	YEM	Yemen
ZMB	XR1	ZMB	Zambia
ZWE	XR1	ZWE	Zimbabwe

**The following codes designating special symbols were discontinued**

<b>Code</b>	<b>Use to</b>	<b>Replaced by</b>
AAA	31.12.1999	XAA
AAB	31.12.1999	XAX
IFB	31.12.1999	XBR
MMM	31.12.1999	XMM
RG1	31.12.1999	XR1
RG2	31.12.1999	XR2
RG3	31.12.1999	XR3

TABLE 2

## Intergovernmental satellite organizations

Intergovernmental Satellite organization	Country symbol of notifying ADM	Symbol	REM
ARABSAT	ARS	ARB	Notifying Administration acting on behalf of: ALG, ARS, BHR, DJI, EGY, IRQ, JOR, KWT, LBY, LBN, MRC, MTN, OMA, QAT, SDN, SOM, SYR, TUN, UAE, YEM, PSE* *see Resolution 99 (Rev. Antalya, 2006) of the Plenipotentiary Conference
ARABSAT	QAT	ARB	Notifying Administration acting on behalf of: ALG, ARS, BHR, DJI, EGY, IRQ, JOR, KWT, LBY, LBN, MRC, MTN, OMA, QAT, SDN, SOM, SYR, TUN, UAE, YEM, PSE* *see Resolution 99 (Rev. Antalya, 2006) of the Plenipotentiary Conference
ASA	CLM	ASA	Notifying Administration acting on behalf of: BOL, CLM, EQA, PRU see IFIC 2592 / 17.04.2007
ASETA	VEN	ASA	Symbol used up to 17.04.2007 see IFIC 2592 / 17.04.2007
EUMETSAT	D	EUM	Notifying Administration acting on behalf of: AUT, BEL, D, DNK, E, F, FIN, G, GRC, HOL, HRV, I, IRL, LUX, NOR, POR, S, SUI, SVK, TUR see IFIC 2609 of 11.12.2007
EUROPEAN SPACE AGENCY	F	ESA	Notifying Administration acting on behalf of: AUT, BEL, CZE, D, DNK, E, F, FIN, G, GRC, HOL, I, IRL, LUX, NOR, POL, POR, ROU, S, SUI
EUTELSAT	F	EUT	
GALILEO	D	GLS	Notifying Administration acting on behalf of: AUT, BEL, D, DNK, E, F, FIN, G, GRC, HOL, I, IRL, LUX, NOR, POR, S, SUI see IFIC 2562 of 07.02.2006
GALILEO	F	GLS	Notifying Administration acting on behalf of: AUT, BEL, D, DNK, E, F, FIN, G, GRC, HOL, I, IRL, LUX, NOR, POR, S, SUI see IFIC 2562 of 07.02.2006
GALILEO	I	GLS	Notifying Administration acting on behalf of: AUT, BEL, D, DNK, E, F, FIN, G, GRC, HOL, I, IRL, LUX, NOR, POR, S, SUI see IFIC 2562 of 07.02.2006
INMARSAT	G	INM	Symbol used up to 15.04.1999 see WIC 2379 / 25.05.1999
INTELSAT	USA	IT	Symbol used up to 18.07.2001 see IFIC 2450 / 07.08.2001
INTERSPUTNIK	BLR	IK	Notifying Administration acting on behalf of: AFG, AZE, BLR, BUL, CUB, CZE, D, GEO, HNG, IND, KAZ, KGZ, KRE, LAO, MNG, NCG, POL, ROU, RUS, SYR, TJK, TKM, UKR, VTN, YEM. Symbol used up to 25.06.2009 - see IFIC 2649 / 28.07.2009, for INTERBELAR-2, INTERSPUTNIK-75E-Q and INTERSPUTNIK-75E-CK up to 21.06.2011 - see IFIC 2699 / 26.07.2011

## SECTION IV - Table 2: Intergovernmental satellite organizations

Intergovernmental Satellite organization	Country symbol of notifying ADM	Symbol	REM
INTERSPUTNIK	CUB	IK	Notifying Administration acting on behalf of: AFG, BLR, BUL, CUB, CZE, D, GEO, HNG, KAZ, KGZ, KRE, LAO, MNG, NCG, POL, ROU, RUS, SYR, TKM, VTN, YEM.
INTERSPUTNIK	RUS	IK	Notifying Administration acting on behalf of: AFG, AZE, BLR, BUL, CUB, CZE, D, GEO, HNG, IND, KAZ, KGZ, KRE, LAO, MNG, NCG, POL, ROU, RUS, SYR, TJK, TKM, UKR, VTN, YEM. Symbol used as from 25.06.2009 - see IFIC 2649 / 28.07.2009, for satellite networks: INTERBELAR-2, INTERSPUTNIK-75E-Q and INTERSPUTNIK-75E-CK as from 21.06.2011 - see IFIC 2699 / 26.07.2011
NOTELSAT	S	NOT	
RASCOM	CTI	RAS	

TABLE 3

**Class of Station**

<b>Symbol</b>	<b>Space Station Class of Station</b>
E1	Space research (active sensor) space station
E2	Space research (passive sensor) space station
E3	Space station in the Earth exploration-satellite service (active sensor)
E4	Space station in the Earth exploration-satellite (passive sensor)
E5	Space station in the aeronautical mobile-satellite (R) service
E6	Space station in the aeronautical mobile-satellite (OR) service
EA	Space station in the amateur-satellite service
EB	Space station in the broadcasting-satellite service (sound broadcasting)
EC	Space station in the fixed-satellite service
ED	Space telecommand space station
EE	Space station in the standard frequency-satellite service
EF	Space station in the radiodetermination-satellite service
EG	Space station in the maritime mobile-satellite service
EH	Space research space station
EI	Space station in the mobile-satellite service
EJ	Space station in the aeronautical mobile-satellite service
EK	Space tracking space station
EM	Space station in the meteorological-satellite service
EN	Space station in the radionavigation-satellite service
EO	Space station in the aeronautical radionavigation-satellite service
EQ	Space station in the maritime radionavigation-satellite service
ER	Space telemetering space station
ES	Station in the inter-satellite service
ET	Space station in the space operation service
EU	Space station in the land mobile-satellite service
EV	Space station in the broadcasting-satellite service (television)
EW	Space station in the earth exploration-satellite service
EY	Space station in the time signal-satellite service

## SECTION IV - Table 3: Class of Station

Symbol	Earth Station Class of Station
RA	Radio astronomy station
T5	Aircraft earth station in the aeronautical mobile-satellite (R) service
T6	Aircraft earth station in the aeronautical mobile-satellite (OR) service
TA	Earth station in the amateur-satellite service
TB	Aeronautical earth station
TC	Earth station in the fixed-satellite service
TD	Space telecommand earth station
TE	Satellite EPIRB in the mobile-satellite service
TF	Fixed earth station in the radiodetermination-satellite service
TG	Ship earth station
TH	Earth station in the space research service
TI	Coast earth station
TJ	Aircraft earth station
TK	Space tracking earth station
TL	Mobile earth station in the radiodetermination-satellite service
TM	Earth station in the meteorological-satellite service
TN	Fixed earth station in the radionavigation-satellite service
TO	Mobile earth station in the aeronautical radionavigation-satellite service
TQ	Mobile earth station in the maritime radionavigation-satellite service
TR	Space telemetering earth station
TT	Earth station in the space operation service
TU	Land mobile earth station
TW	Earth station in the earth exploration-satellite service
TX	Fixed earth station in the maritime radionavigation-satellite service
TY	Base earth station
TZ	Fixed earth station in the aeronautical radionavigation-satellite service
UA	Mobile earth station
UB	Earth station in the broadcasting-satellite service (sound broadcasting)
UD	Space telecommand mobile earth station
UE	Earth station in the standard frequency-satellite service
UF	Earth station in motion communicating with a geostationary satellite orbit station in the fixed-satellite service in the frequency bands referred to under No. 5.527A
UG	Earth station on board unmanned aircraft communicating with a space station of a geostationary-satellite network in the fixed-satellite service for UAS CNPC links in accordance with resolves 1 of RES-155
UH	Mobile earth station in the space research service
UK	Space tracking mobile earth station
UM	Mobile earth station in the meteorological-satellite service
UN	Mobile earth station in the radionavigation-satellite service
UO	Aeronautical earth station in motion communicating with a geostationary satellite orbit station in the fixed-satellite service in the frequency bands referred to under No. 5.517A
UR	Space telemetering mobile earth station
US	Maritime earth station in motion communicating with a geostationary satellite orbit station in the fixed-satellite service in the frequency bands referred to under No. 5.517A
UT	Mobile earth station in the space operation service
UU	Land earth station in motion communicating with a geostationary satellite orbit station in the fixed-satellite service in the frequency bands referred to under No. 5.517A
UV	Earth station in the broadcasting-satellite service (television)
UW	Mobile earth station in the earth exploration-satellite service
UY	Earth station in the time signal-satellite service
VA	Land earth station

TABLE 4

**Nature of the service**

<b>Symbol</b>	<b>Nature of the service</b>
CO	Station open to official correspondence exclusively
CP	Station open to public correspondence
CR	Station open to limited public correspondence
CV	Station open exclusively to correspondence of a private agency
FS	Land station established solely for the safety of life
OT	Station open exclusively to operational traffic of the service concerned

TABLE 5

**Symbols used to indicate the polarization**

<b>Polarization</b>	<b>Symbol</b>	<b>Definition</b>
Horizontal linear	H	Horizontal linear: the electric field vector is in a plane parallel to the equatorial plane.
Vertical linear	V	Vertical linear: the electric field vector is in a plane normal to the equatorial plane.
Right-hand slant	SR	The electric field vector is in the plane rotated 45 degrees clockwise from the vertical position, as seen from the transmitting point.
Left-hand slant	SL	The electric field vector is in the plane rotated 45 degrees anti-clockwise from the vertical position, as seen from the transmitting point.
Right-hand circular or Direct	CR	The electric field vector, observed in any fixed plane, normal to the direction of propagation, whilst looking in the direction of propagation, rotates with time in a right-hand or clockwise direction.
Left-hand circular or Indirect	CL	The electric field vector, observed in any fixed plane, normal to the direction of propagation, whilst looking in the direction of propagation, rotates with time in a left-hand or anti-clockwise direction.
Dual	D	When substantially equal-amplitude vertically - and horizontally - polarized components are radiated without particular control of the phase relation between them. Typically, the vertically - and horizontally - polarized sources may be displaced one from the other so that the resultant polarization varies between circular and slant, according to azimuth angle.
Mixed	M	The collective term applied when both vertical and horizontal components are radiated, embracing slant, circular and dual polarization.
Linear	L	The electric field vector, observed in any fixed plane, normal to the beam axis, whilst looking in the direction of propagation, remains in the direction specified by the angle measured anti-clockwise from a line parallel to the equatorial plane; the value of this angle follows the symbol L and is expressed in degrees from 0 to 359.

TABLE 6  
Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
AFS	1	64 Offset Gregorian design. Each made up of 13.5 m diameter main reflector and a 3.8 m sub-reflector.	7700 square meters; azimuth is between -185° and 275°. Elevation is between 15 ° and 88°
AFS	2	A 25.9m equatorially mounted dish with Cassegrain design.	526 square meters; all azimuth. Elevation is between 0° and 90°
AFS	3	A 13.2 m diameter paraboloid dish with ring focus design and 1.55m sub-reflector.	136 square meters; azimuth is between 90° and 270°. Elevation is between 0° and 90°
AFS	4	A 15 m diameter paraboloid dish with prime focus design	176 square meters; all azimuth is between 90° and 270°. Elevation is between 0° and 90°
ARG	1	Parabolic Diameter: 30 m	330 square metres, Mount: Equatorial Azimuth limits: 55° S - 26° N Elevation angle limits: ±30° relative to the vertical
AUS	1	Circular filled in array, diameter 1097.3 metres	Beam 8 degrees diameter adjustable in north-zenith-south plane
AUS	2	64 metres diameter steerable paraboloid	1770 square metres; all azimuths; the angle of elevation is between 30° and 90°
AUS	4	Three 13.5 metres diameter paraboloids arranged as an interferometer	120 square metres; the azimuth is between 300° and 60° and the angle of elevation between 20° and 90°
AUS	5	Cross, each arm 1600 metres x 12 metres	25 000 square metres; meridian transit only +18° to -90° declination
AUS	8	One 64 metres and one 18.3 metres diameter steerable paraboloid arranged as a variable spacing, variable orientation interferometer	1920 square metres; all azimuths; the angle of elevation is between 30° and 90°
AUS	10	64 metres diameter steerable paraboloid	1510 square metres; all azimuths; the angle of elevation is between 30° and 90°
AUS	11	64 metres diameter steerable paraboloid	1160 square metres; all azimuths; the angle of elevation is between 30° and 90°
AUS	12	Cross, each arm 1600 metres x 12 metres	17 000 square metres; meridian transit only; +18° to -90° declination
AUS	13	96 paraboloids, 13.5 metres in diameter, equatorially mounted, arranged in a ring of 3 kilometres diameter	6000 square metres; the azimuth is between 300° and 60° and the angle of elevation between 0° and 90°
AUS	14	Cross, each arm 400 metres, with 32 steerable paraboloids 9 metres diameter	1000 square metres; all azimuths; the angle of elevation is between 15° and 90°
AUS	15	6 metres diameter steerable paraboloid	20 square metres; all azimuths; the angle of elevation is between 15° and 90°
AUS	16	Rectangular filled in array, 110 x 16.4 metres	180 square metres; meridian transit only; fixed declination at -34°
AUS	17	Rectangular filled in array, 7.5 x 12 metres	90 square metres; meridian transit only; fixed declination at -34°



SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
AUS	18	Rectangular filled in array, 5 x 8 metres	40 square metres; meridian transit only; fixed declination at $-34^{\circ}$
AUS	19	Cross, each arm 914.4 x 10 metres	10 000 square metres; meridian transit only; azimuth fixed at $0^{\circ}$ ( $\pm 0.5^{\circ}$ ); $+10^{\circ}$ to $-80^{\circ}$
AUS	20	Two rhombics, each leg 20 metres, arranged as an interferometer	300 square metres; meridian transit only; azimuth coverage $\pm 45^{\circ}$ about meridian; fixed declination at $+40^{\circ}$
AUS	21	Rectangular filled in array, 3.1 x 5.2 metres	15 square metres; meridian transit only; fixed declination at $-34^{\circ}$
AUS	22	Rectangular filled in array, 1.8 x 2.8 metres	5 square metres; meridian transit only; fixed declination at $-34^{\circ}$
AUS	23	Crossed compound interferometer, each arm 800 metres with 32 steerable paraboloids 9 metres diameter and two steerable paraboloids 14 metres diameter	1200 square metres; all azimuths; the angle of elevation is between $15^{\circ}$ and $90^{\circ}$
AUS	25	48 corner reflector aerials, each 6 x 5 metres forming circular array 3 kilometres diameter	1000 square metres; full sky
AUS	26	96 steerable paraboloid aerials, each 13 metres diameter forming circular array 3 kilometres diameter	6000 square metres; full sky
AUS	27	96 steerable paraboloid aerials, each 13 metres diameter forming circular array 4 kilometres diameter	6000 square metres; full sky
AUS	28	30 m steerable parabolic	400 square metres. Elevation 5-90 degrees. Azimuth 0-360 degrees
AUS	29	30 m steerable parabolic	300 square metres. Elevation 5-90 degrees. Azimuth 0-360 degrees
AUS	30	26 m steerable parabolic	275 square metres. Elevation 7-90 degrees. Azimuth 0-360 degrees
AUS	31	26 m steerable parabolic	200 square metres. Elevation 7-90 degrees. Azimuth 0-360 degrees
AUS	32	22 m steerable parabolic	265 square metres. Elevation 12-90 degrees. Azimuth 0-360 degrees
AUS	33	22 m steerable parabolic	230 square metres. Elevation 12-90 degrees. Azimuth 0-360 degrees
AUS	34	22 m steerable parabolic	200 square metres. Elevation 12-90 degrees. Azimuth 0-360 degrees
AUS	35	6 x 22 m steerable parabolic	1580 square metres. Elevation 12-90 degrees. Azimuth 0-360 degrees
AUS	36	6 x 22 m steerable parabolic	1380 square metres. Elevation 12-90 degrees. Azimuth 0-360 degrees
AUS	37	6 x 22 m steerable parabolic	1200 square metres. Elevation 12-90 degrees. Azimuth 0-360 degrees
AUS	38	64 m steerable parabolic	1000 square metres. Elevation 30-90 degrees. Azimuth 0-360 degrees
AUS	39	64 m steerable parabolic	600 square metres. Elevation 30-90 degrees. Azimuth 0-360 degrees

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
AUS	40	70 m steerable parabolic	2760 square metres. Elevation 7-90 degrees. Azimuth 0-360 degrees
AUS	41	70 m steerable parabolic	2300 square metres. Elevation 7-90 degrees. Azimuth 0-360 degrees
AUS	42	70 m steerable parabolic	1870 square metres. Elevation 7-90 degrees. Azimuth 0-360 degrees
BEL	1	Radiotelescope; dipole at the focus of a 6 metre paraboloid	17 square metres; full sky
BEL	2	Multi-antenna interferometer, capable of working simultaneously on lobe sweeping and drift East-West baseline: 32 four-metre parabolic antennas, 20 metres spacing North-South baseline: 16 four-metre parabolic antennas, 20 metres spacing	10 square metres; coverage from 45° to 315° in azimuth and from 0° to 70° in elevation (up to 110° in azimuth 180°)
BEL	3	Polarimeter; dipole at the focus of a 6-metre paraboloid	20 square metres; coverage from 90° to 270° in azimuth and from 0° to 70° in elevation (up to 180° in azimuth 180°)
BEL	5	Radiotelescope; slot disc-dipole at the focus of a 7.5 metres paraboloid	27 square metres; full sky
CAN	4	Antenna Yagi	10 square metres; full sky
CAN	6	Half-wave dipole, with screen	70 square metres; fixed pointing of beam; azimuth due south; angle of elevation: 45°
CAN	7	Half-wave dipole, with screen	30 square metres; fixed pointing of beam; azimuth due south; angle of elevation: 45°
CAN	8	Half-wave dipole, with screen	8 square metres; fixed pointing of beam; azimuth due south; angle of elevation: 45°
CAN	9	Crossed six-element Yagis	20 square metres; azimuth coverage $\pm 135^\circ$ from south; the angle of elevation is between 30° and 70°
CAN	10	1.6 metres diameter steerable paraboloid	1 square metre; azimuth coverage $\pm 135^\circ$ from south; the angle of elevation is between 30° and 70°
CAN	11	46 metres diameter steerable paraboloid	880 square metres; full sky
CAN	12	25.6 metres diameter paraboloid	515 square metres; full sky
CAN	13	1.8 metres diameter paraboloid	2.5 metres; polar mount; coverage from 60° to 300° in azimuth and from 0° to 90° in elevation
CAN	16	Two 8.5 metres diameter parabolic reflectors separated by up to 1 kilometre, arranged as a supersynthesis interferometer	2 x 57 square metres; full sky
CHN	6	2.5 metres diameter paraboloid	3 square metres; full sky
CHN	11	16 + 12 paraboloids, 9 metres in diameter each	38 square metres; full sky
CHN	12	6 metres diameter paraboloid	17 square metres; full sky
CHN	13	Typical Cassegrain antenna, 13.7 metres in diameter	100 square meters. Azimuth-elevation mount, azimuth from 0° to 360°; the angle of elevation is between 10° and 90°

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
CHN	14	Aperture spherical telescope, main focus reflecting system, 500 metres in diameter	35 343 square meters. All azimuths; the angle of elevation is between 20° and 90°
CHN	15	Paraboloid surface, main focus reflecting system, 50 metres in diameter	980 square meters. Azimuth-Elevation mount, all azimuths; the angle of elevation is between 7° and 90°
CHN	16	Paraboloid reflector, Cassegrain reflecting system, 25 metres in diameter	245 square meters. Azimuth-Elevation mount, all azimuths; the angle of elevation is between 4° and 89°
CHN	17	Quasi-paraboloid reflector, Cassegrain reflecting system, 25 metres in diameter	245 square meters. Azimuth-Elevation mount, all azimuths; the angle of elevation is between 5° and 88°
CHN	18	Paraboloid surface, 3 metres in diameter	4 square meters. azimuth from 0° to 360°; the angle of elevation is between 5° and 90°
CHN	19	Parabola with Cassegrain geometry, altazimuth telescope, diameter: 65 metres	1991 square meters. azimuth from 0° to 360°; the angle of elevation is between 5° and 90°
CHN	20	Radioheliograph, Paraboloid surface, 40 units 4.5 metres in diameter and 60 units 2 metres in diameter telescope (equatorial), longest baseline 3 km	495 square meters. azimuth from 0° to 360°; the angle of elevation is between 5° and 90°
CHN	21	Paraboloid surface, 40 metres in diameter	754 square meters. azimuth from 0° to 360°; the angle of elevation is between 5° and 90°
D	1	Parabolic dish, diameter: 100 m	4320 square metres for frequencies up to 5 000 GHz. Maximum gain 83 dB at about 30 GHz. Angular coverage: Azimuth: 0° to +360° The angular coverage in elevation is valid for the azimuthal range 150° to 250°. Reduced elevation range for other azimuthal directions due to local topography Elevation: 7° to 90°
D	2	Parabolic dish 20 m diameter	314 square meters for frequencies up to 40 GHz; Maximum gain of 63 dB at 8.5 GHz; Azimuth: 0 - 360°; Elevation: 0 - 90° Frequency ranges of the installed receivers: 2.2 – 2.5 GHz; 8.0 GHz – 9.5 GHz
D	3	Parabolic dish 13.2 m diameter	136 square meters for frequencies up to 100 GHz; Maximum gain of 63 dB at 8.5 GHz; Azimuth: 0 - 360°; Elevation: 0 - 115° Frequency ranges of the installed receivers: 2.0 – 3.0 GHz; 6.0 GHz – 10.5 GHz; 27 – 34 GHz

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
D	4	Parabolic dish 13.2 m diameter	136 square meters for frequencies up to 100 GHz; Maximum gain of 63 dB at 8.5 GHz; Azimuth: 0 - 360°; Elevation: 0 - 115° Frequency ranges of the installed receivers: 1.0 – 14.0 GHz; Broadband feed
D	5	LB Dipol-array 96 crossed dipoles	3900 square metres; depends on the frequency till 512 square meters Maximum gain between 21 dBi to 26 dBi Azimuth: 0°- 360°; Elevation: 0° - 360° Frequency ranges of the installed receivers: 10MHz – 90 MHz
D	6	HB Dipol-array 96 tiles with 16 crossed dipoles	2400 square metres; depends on the frequency till 800 square meters Maximum gain about 37 dBi Azimuth: 0°- 360°; Elevation: 5° - 360° Frequency ranges of the installed receivers: 110MHz – 240 MHz
E	1	Paraboloid reflector, Cassegrain reflecting system, 13.7 metres in diameter	65 square meters. Azimuth-elevation mount, azimuth from 0° to 360°; the angle of elevation is between 0° and 90°
E	2	Paraboloid reflector, Cassegrain reflecting system, 40 metres in diameter	880 square meters. Azimuth-elevation mount, azimuth from 0° to 360°; the angle of elevation is between 0° and 90°
E	3	Paraboloid reflector, Cassegrain reflecting system, 70 metres in diameter	2694 square meters. Azimuth-elevation mount, azimuth from 0° to 360°; the angle of elevation is between 10° and 90°
E	4	Paraboloid reflector, Cassegrain reflecting system, 34 metres in diameter	563 square meters. Azimuth-elevation mount, azimuth from 0° to 360°; the angle of elevation is between 10° and 90°
F	5	7 metres diameter paraboloid	25 square metres; coverage from 260° to 100° in azimuth and from 0° to 110° in elevation
F	6	Network of 16 paraboloids, 5 metres in diameter, distributed over 1.5 kilometres, East to West	120 square metres; azimuth: 360°; the angle of elevation is between 0° and 110°
F	9	40 x 200 metres semi-directional radiotelescope	5000 square metres; hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	10	40 x 200 metres semi-directional radiotelescope	3000 square metres; hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	12	40 x 200 metres semi-directional radiotelescope	1000 square metres, hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	13	40 x 200 metres radiotelescope	150 square metres; hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	14	Network of 8 paraboloids, 10 m in diameter, distributed over 800 m, North to South	500 square metres; azimuth: 360°; the angle of elevation is between 0° and 110°
F	15	Network of 16 paraboloids, 5 m in diameter, distributed over 1.5 km, East to West	250 square metres; azimuth: 360°; the angle of elevation is between 0° and 110°

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
F	16	Meridian telescope - duration of observation per source 70 mins/cos delta	7000 square metres; one hour's observation at delta = 0°; accessible declinations: delta >-38°
F	17	Decimetric radio telescope composed of two reflectors	7000 square metres Azimuth: Northward: from 330° to 30°, Southward: from 150° to 210°; angle of elevation: from 0° to 90°
F	18	Decimetric antenna Network composed of 144 helical elements	8000 square metres at 30 MHz; Azimuth: from 0° to 360°; Angle of elevation: from 0° to 90°
F	19	Antenna for frequency band from 1 to 5 GHz	1 square metre; Azimuth: from 0° to 360°; Angle of elevation: from 0° to 90°
F	20	Interferometer at 410 MHz	50 square metres; Azimuth: from 90° to 270°; Angle of elevation: from 0° to 90°
F	21	Metric antenna for frequency band from 150 to 650 MHz; Interferometer composed of 16 antenna elements 3 metres in diameter, one element 1500 metres long and two antennas 10 metres in diameter	270 square metres; Azimuth: from 0° to 360°; Angle of elevation: from 0° to 90°
F	22	Antenna of 2.5 metres in diameter for frequency band from 80 MHz to 300 GHz	4.9 square metres; Azimuth: from 0° to 360°; Angle of elevation: from 0° to 90°
F	23	Interferometer composed of 4 antennas of 15 metres in diameter	700 square metres; Azimuth: from 0° to 360°; Angle of elevation: from 0° to 90°
F	24	Antenna for frequency bands from 25 to 75 MHz and from 100 to 500 MHz	80 square metres; Azimuth: from 0° to 360°; Angle of elevation: from 0° to 90°
F	25	12-element interferometer, with each element comprising a paraboloid of 15 m diameter	2120 m <sup>2</sup> ; all azimuths; the elevation angle may vary from 0° to 90°
F	26	LB antenna array, 96 crossed dipoles at a height of 1.7 metres.	5200 square metres; all azimuths; angle of elevation between 5° and 90°.
F	27	HB antenna array, 96 tiles with 16 crossed dipoles at a height of 0.6 metres.	2400 square metres; all azimuths; angle of elevation between 5° to 90°.
FIN	1	14 metres diameter radome covered steerable paraboloid	80 square metres; full sky
FIN	2	Crossed log-periodic dipole array	0,7 square meters; full sky
FIN	3	Crossed dipone antenna	15 square meters; omnidirectional
FIN	4	Four paraboloid dishes	60 square meters; full sky
G	7	Dipole interferometer	100 square metres; full sky
G	8	Three 18.3 metres steerable paraboloids as interferometer	2 000 000 square metres; full sky
G	9	25 metres steerable parabolic reflector	300 square metres; full sky
G	10	Two 25 metres diameter steerable paraboloids	250 square metres; full sky
G	11	1.8 metres diameter front fed steerable paraboloid	0.83 square metre; full sky
G	16	One Mark I 76 metres diameter steerable paraboloid and one Mark II 38 x 25.9 metres steerable paraboloid. The two antennas may be used either separately or together as an interferometer. The Mark I antenna may be used as interferometer with the antenna at Wardle	3000 square metres; full sky

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
G	17	One Mark III 38 x 25.9 metres steerable paraboloid. This antenna will normally operate in conjunction with the Mark I antenna at Jodrell Bank as interferometer for measuring angular diameter of Radio Sources	520 square metres; full sky
G	20	One Mark I 76 metres diameter steerable paraboloid and one Mark II 38 x 25.9 metres steerable paraboloid	3000 square metres; full sky
G	21	One Mark II 38 x 25.9 metres steerable paraboloid	3000 square metres; full sky
G	22	One Mark II 38 x 25.9 metres steerable paraboloid	520 square metres; full sky
G	23	One Mark I 76 metres diameter steerable paraboloid and one Mark II 38 x 25.9 metres steerable paraboloid. The two antennas may be used either separately or together as an interferometer	3000 square metres; full sky
G	30	Dipole array 100 x 450 metres	20 000 square metres; azimuth 180°; the angle of elevation is between 20° and 90°
G	31	Eight 13 metres diameter steerable paraboloids arranged as a multiple interferometer	850 square metres; full sky
G	32	Three 20 metres diameter steerable paraboloids arranged as a multiple interferometer	1000 square metres; full sky
G	33	20 x 450 metres cylindrical reflector	10 000 square metres; coverage from 0° to 180° in azimuth and from 30° to 90° in elevation
G	34	0.9 metre diameter front fed paraboloid, equatorially mounted	0.32 square metre; full sky
G	35	0.9 metres diameter dual beam front fed paraboloid, equatorially mounted	0.32 square metre; full sky
G	36	1.2 metres diameter front fed paraboloid, equatorially mounted	0.56 square metre; full sky
G	37	0.5 metre diameter dual beam front fed paraboloid, equatorially mounted	0.1 square metre; full sky
G	53	25 metres steerable parabolic reflector	200 square metres; full sky
GRC	2	2.5 metres diameter steerable paraboloid	2.5 square metres; the azimuth is between 71° and 289° and the angle of elevation between 0° and 74° (sun-oriented antenna)
HOL	69	10 metres diameter steerable paraboloid	40 square metres; full sky
HOL	70	25 metres diameter steerable paraboloid	600 square metres; full sky
HOL	71	7.5 metres diameter steerable paraboloid	25 square metres; full sky
HOL	72	Array of 14 parabolic reflectors each of 25 metres diameter. The reflectors are dispersed along an East-West configuration with variable spacing with a maximum distance of 3 kilometres	500 square metres per reflector, angular coverage: full sky
HOL	73	24 x LB antenna array 96 crossed dipoles @ 1.7 meter high	5200 square metres; all azimuths; the angle of elevation is between 5° and 90°

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
HOL	74	24 x HB antenna array 48 tiles with 16 crossed dipoles @ 0.6 meter high	1200 square metres; all azimuths; the angle of elevation is between 5° and 90°
HOL	75	LB antenna array 96 crossed dipoles @ 1.7 meter high	5200 square metres; all azimuths; the angle of elevation is between 5° and 90°
HOL	76	HB antenna array 48 tiles with 16 crossed dipoles @ 0.6 meter high	1200 square metres; all azimuths; the angle of elevation is between 5° and 90°
I	2	Two antennas formed by curtains of dipoles arranged orthogonally in a Mills cross, 1200 metres x 30 metres each	35 000 square metres; fixed azimuth in the meridian plane; the angle of elevation is between 15° and 90°
I	3	25 metres diameter paraboloid	500 square metres; full sky
I	4	10 metres diameter paraboloid, equatorially mounted, 2 circular polarizations	
I	5	32 metres diameter parabolic dish	600 square metres Linear and circular polarization Steerable in the elevation plane between 3 and 120 degrees. Azimuth $\pm$ 270 degrees from South
I	6	Two antennas formed by curtains of dipoles arranged orthogonally in a Mills cross 600 x 30 meters each	20 000 square metres Steerable mechanically in the elevation plane between 15 and 155 degrees Steerable electronically in the azimuth $\pm$ 3 degrees from the meridian plane
I	7	Multi element Yagi antenna	80 square metres Steerable in the elevation plane between 0 and 90 degrees Azimuth $\pm$ 180 degrees from South
I	8	64 metres diameter parabolic dish	2400 square metres Linear and circular polarization Steerable in the elevation plane between 5 and 90 degrees Azimuth $\pm$ 270 degrees from South
IND	1	32 paraboloids, 1.8 metres in diameter	32 x 1 square metre; full sky
IND	4	Parabolic cylinder, 530 x 30 metres, with an array of 968 dipoles along its focal line	9500 square metres; coverage from 0° to 180° in azimuth and from 5° to 90° in elevation
IRL	1	Schwartzbeck Bicone antenna, Mounted on a 0-360 Az mount on a 3m mast	Min elevation angle – 0 deg, Max elevation angle – 90 deg, Azimuth angle – 360 deg
IRL	2	Tennadyne T-28 Log periodic array, Mounted on a 0-360/0-90 Az-El mount on a 3m mast	Min elevation angle – 0 deg, Max elevation angle – 90 deg, Azimuth angle – 360 deg
IRL	3	LB antenna array 96 crossed dipoles @ 1.7 meter high	5200 square metres; all azimuths; the angle of elevation is between 5° and 90°
IRL	4	HB antenna array 48 tiles with 16 crossed dipoles @ 0.6 meter high	1200 square metres; all azimuths; the angle of elevation is between 5° and 90°
J	1	24 metres spherical reflector	267 square metres; azimuth 180° or 360°; the angle of elevation is between 40° to 90°

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
J	2	Antenna height: 54 m (1349 m from sea level); 45 m diameter parabolic antenna (radio telescope); five 10 m diameter parabolic antennas (measured interference)	
J	3	45 m diameter parabolic antenna (radio telescope); six 10 m diameter parabolic antennas (measured interference)	1442 square metres; coverage from 12° to 79° in elevation; from 0° to 360° in azimuth
J	4	6 m diameter parabolic antenna	11 square metres; coverage from 10° to 90° in elevation; from 0° to 360° in azimuth
J	5	10 m diameter parabolic antenna	55 square metres; coverage from 3° to 90° in elevation; from 0° to 360° in azimuth
J	6	11 m diameter parabolic antenna	66 square metres; coverage from 6° to 90° in elevation; from 0° to 360° in azimuth
J	7	20 m diameter parabolic antenna	220 square metres; coverage from 3° to 90° in elevation; from 0° to 360° in azimuth
J	8	Asymmetric parabolic cylinder, 100 x 20 metres, with a corner reflector energized by a total of 192 half-wave dipoles	1013 square metres; coverage from 90° E to 90° W in azimuth and from 60° N to 20° S in elevation
J	9	Asymmetric parabolic cylinder, 100 x 20 metres, with a corner reflector energized by a total of 192 half-wave dipoles	1500 square metres; coverage from 90° E to 90° W in azimuth and from 69° N to 2° S in elevation
J	10	Asymmetric parabolic cylinder, 100 x 20 metres, with a corner reflector energized by a total of 192 half-wave dipoles	1100 square metres; coverage from 90° E to 90° W in azimuth and from 75° N to 30° S in elevation
J	11	Asymmetric parabolic cylinder, 74 x 27 metres, with a corner reflector energized by a total of 144 half-wave dipoles	1405 square metres; coverage from 90° E to 90° W in azimuth and from 70° N to 18° S in elevation
J	12	Asymmetric parabolic cylinder, 100 x 20.4 metres, with a corner reflector energized by a total of 192 half-wave dipoles	991 square metres; coverage from 0° to 180° in azimuth and from 25° to 90° in elevation
KOR	1	Type: parabola with Cassegrain geometry Diameter: 13.7 metres Effective area: 50% of 147.41138 square metres at 90 GHz Diameter of radome: 20.7 metres	Limits of angular coverage: elevation 10° - 87°; azimuth 0° - 360°
LVA	1	Diameter of the primary reflector is 30 m and the diameter of the secondary reflector is 2.5 m.	563 square meters. Azimuth-Elevation mount, azimuth is from -1° to +97.5°, the angle of elevation is between -330° and 0°
LVA	2	Diameter of the primary reflector is 16 m and the diameter of the secondary reflector is 1.5 m.	140 square meters. Azimuth-Elevation mount, azimuth is from -1° to +97.5°, the angle of elevation is between -330° and 0°
MEX	1	Parabolic radio telescope with single aperture, a 50 m diameter primary reflecting surface and a 2.5 m diameter secondary mirror. The primary reflector comprises 180 panels 3 × 5 m <sup>2</sup> arranged in five concentric rings, with each panel composed of eight sub-panels.	Effective area 2 000 m <sup>2</sup> , elevation angle 0 to 90° and azimuth angle 0 to 360°.



SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
MLT	1	Ring focus antenna, 5.3m diameter	Effective area 11.7 m <sup>2</sup> , AZ: 200° - 340°, EL: 20° - 85°
NOR	1	7.6 metres diameter paraboloid	28 square metres; full sky
NOR	2	Three mattress antennas on an East-West baseline; each antenna is composed of 16 half-wave dipoles	3 x 18 square metres; fixed azimuth; the angle of elevation is between 0° and 90°
NOR	5	9.1 metres diameter paraboloid	40 square metres; full sky
POL	1	Two cylindrical paraboloids 4 x 8 metres with folded dipole at the focus, 24 metres East-West spacing	18 square metres; coverage from 120° to 240° in azimuth and from 10° to 70° in elevation
POL	2	Two corner reflectors 6 x 6 x 80 metres with eight (?) dipoles, 1400 metres East-West spacing	800 square metres; coverage from 160° to 200° in azimuth and from 10° to 80° in elevation
POL	3	Two log-periodic aerials, 20 metres East-West spacing	0.7 square metre; coverage from 120° to 240° in azimuth and from 10° to 70° in elevation
POL	4	Two corner reflectors with eight wideband dipoles, 220 metres East-West spacing	80 square metres; coverage from 170° to 190° in azimuth and from 20° to 80° in elevation
POR	1	Paraboloid reflector, Cassegrain reflecting system; dimension: 9m	38 m <sup>2</sup>
RUS	6	Radiotelescope "RATAN-600": Ring-type reflector 600 metres in diameter, consisting of 985 partly steerable elements 1.94 x 7.4 metres Four sections with independent feeds for different azimuth observations. Zenith observation mode is provided for all-ring reflector and central feed. S-section has the plane periscope Sky coverage: 0°, ±30°, ±60°, ±90° - azimuth, 0° - 90° - elevation	1000 square metres each section Polarization of all types
RUS	7	Cross "DKR-1000": Arm EW mechanically steerable parabolic cylinder 1008 metres x 40 metres, 288 dipole feeders Arm SN electrically steerable parabolic cylinder 1000 metres x 40 metres, 626 dipole feeders	2 x 8000 square metres Linear horizontal polarization Sky coverage: ±4° sec ? (? - decl. of source) - azimuth, 6°S - 60°N - elevation
RUS	8	Radiotelescope "RT-22": 22 metres steerable paraboloid Azimuth mount	120 square metres @ 8 mm
RUS	9	Radiotelescope "UTR-2": T-shaped phased array Arm EW 900 metres x 40 metres, 600 dipoles Arm NS 1860 metres x 40 metres, 1440 dipoles Five electrically steerable beams	6000 square metres @ 12.5 metres 16 000 square metres @ 30 metres Can be operated in the band 9 000 kHz - 38 MHz Linear horizontal polarization

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
RUS	10	Radiotelescope "URAN-4": 128-elements linear dipole array 232.5 metres x 22.5 metres	Sky coverage: 0° - 360° - azimuth, -30° - 90° - elevation Linear horizontal polarization
RUS	11	10 metres steerable paraboloid	40 square metres Sky coverage: 0° - 220° and 265° - 360° - azimuth, 5° - 90° - elevation
RUS	12	Parabolic cylinder EW 144 metres x 15 metres	1000 square metres Linear polarization
RUS	13	Radiotelescope "RT-25 x 2": Periscope-type Plane reflector 25 metres x 2 metres	Sky coverage: $\pm 1^\circ$ from S - azimuth, 2° - 90° - elevation Linear polarization
RUS	14	Radiotelescope "RT-22": 22 metres steerable paraboloid Azimuth mount	72 square metres @ 2 mm 150 square metres @ 8 mm 230 square metres @ 10 cm
RUS	15	15 metres steerable paraboloid	
RUS	16	12 metres steerable paraboloid	
RUS	17	Radiotelescope "TNA-400-1". Diameter of main reflector: 32 metres Type of feed: Cassegrain Main reflector profile: modified parabola	Fully steerable elevation over azimuth
RUS	18	Radiotelescope "RT-13" Diameter of main reflector: 13.2 Type of feed: Cassegrain Main reflector profile: modified parabola	Fully steerable elevation over azimuth
S	4	Antenna array	130 square metres; full sky
S	6	25.6 metres steerable paraboloid	270 square metres at 1 GHz; 140 m <sup>2</sup> at 6.5 GHz; full sky
S	7	20 metres radome covered steerable paraboloid	180 square metres at 22 GHz; 125 m <sup>2</sup> at 115 GHz; full sky
S	21	Three-element Yagi	51 square metres; all azimuths; angle of elevation: 90°
S	22	Two-element interferometer; base-line 60 metres long; each element is a ten-element log- periodical antenna for 35-65 MHz	23 square metres at 50 MHz, baseline rotating in all azimuths, both elements variable in elevation from 0° to 70°
S	23	LB antenna array 96 crossed dipoles @ 1.7 meter high	5200 square metres; all azimuths; the angle of elevation is between 5° and 90°
S	24	HB antenna array 48 tiles with 16 crossed dipoles @ 0.6 meter high	1200 square metres; all azimuths; the angle of elevation is between 5° and 90°
S	25	A 13.2 m diameter paraboloid dish with ring focus design and 1.55m sub-reflector.	136 square meters; azimuth is between 90° and 270°. Elevation is between 0° and 90°
SUI	1	7m parabola	9.6 square metres, 45° to 312° in azimuth and from 0° to 90° in elevation, steerable paraboloid, prime focus, polarimeter

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
SUI	2	5m parabola	5 square metres, 45° to 312° in azimuth and from 0° to 90° in elevation, steerable paraboloid, prime focus, polarimeter
SUI	3	0.8 m parabola	0.25 square metre, 45° to 312° in azimuth and from 0° to 90° in elevation, steerable paraboloid, prime focus, polarimeter
UKR	1	Mark-IV Cassegrain antenna 32 metres in diameter	600 square metres; azimuth is between 0° and 360°; the angle of elevation is between 5° and 90°
USA	5	109.7 x 21.2 metres standing paraboloid with tiltable flat reflector	1690 square metres; -35° to +65° declination
USA	6	Two-element interferometer; base-line 41 metres long; each element is two five-element Yagis stacked in phase	15 square metres, vertically directed, 45° in both planes
USA	7	18.3 metres diameter steerable paraboloid	130.1 square metres; full sky
USA	8	1) 65 square metres horn reflector  2) 36.6 metres diameter paraboloid, 1050 square metres	42.3 square metres. The horn reflector is mounted on single axis, variable only in declination;  472 square metres. The 36.6 metres paraboloid is fully steerable over the hemisphere A radiometer is used on both antenna systems
USA	9	25.6 metres diameter paraboloid	260 square metres; full sky
USA	10	8.5 metres diameter paraboloid	30 square metres; full sky
USA	12	Two 27 metres diameter steerable paraboloids	2 x 300 square metres; hour angle: $\pm 4$ hours; -50° to +90° declination
USA	13	18.3 metres diameter paraboloid	100 square metres; full sky
USA	16	305 metres diameter spherical reflector	37 000 square metres; all directions; the angle of elevation is between 69° and 90°
USA	17	42.7 metres diameter paraboloid	752.5 square metres; hour angle: $\pm 6$ hours; +88° to -48° declination
USA	18	91.4 metres diameter paraboloid	2694 square metres; transit telescope; +86° to -20° declination
USA	20	18.3 metres diameter paraboloid	150 square metres; equatorial mount; hour angle: $\pm 6$ hours; +90° to -50° declination
USA	21	3 metres diameter directive parabolic reflector	4.37 square metres; full sky
USA	22	25.6 metres diameter parabolic reflector	275 square metres; full sky
USA	23	25.9 metres diameter parabolic reflector	280 square metres; full sky
USA	24	25.9 metres diameter parabolic reflector	210 square metres; full sky
USA	25	Parabolic cylinder 122 x 122 metres	7500 square metres; transit telescope; the angle of elevation is between 60° and 90°
USA	26	26 metres diameter paraboloid	180 square metres; full sky
USA	32	18.3 metres diameter paraboloid	148.6 square metres; full sky
USA	33	Broadband dipoles over reflecting screen 5 x 5 metres	20 square metres; azimuth coverage $\pm 45^\circ$ from South; the angle of elevation is between 0° and 90°

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
USA	34	12.8 metres diameter paraboloid	128.7 square metres; azimuth coverage $\pm 41^\circ$ ; $+66^\circ$ to $0^\circ$ declination
USA	35	Three elements interferometer; each element is a 25.9 metres diameter paraboloid	526.8 square metres; hour angle: $\pm 6$ hours; $+88^\circ$ to $-52^\circ$ declination
USA	36	0.9 metre diameter steerable paraboloid (Dicke radiometer)	0.3 square metres; full sky
USA	37	305 metres diameter spherical reflector	79 897 square metres; all directions; the angle of elevation is between $67^\circ$ and $90^\circ$
USA	38	25.9 metres diameter paraboloid	300 square metres; full sky
USA	39	11 metres diameter paraboloid	37.8 square metres; all directions; the angle of elevation is between $15^\circ$ and $90^\circ$
USA	40	2 metres diameter parabolic dish	2 square metres; coverage from $0^\circ$ to $180^\circ$ in azimuth and from $0^\circ$ to $90^\circ$ in elevation
USA	42	2.44 metres diameter paraboloid	2.35 square metres; full sky
USA	60	Array of 350 offset parabolic reflectors, each reflector 6.1 m diameter, with 2.4 m secondary	10 000 square metres; all directions; the angle of elevation is between $15^\circ$ and $90^\circ$
USA	61	Heterogeneous Array of 23 parabolic reflectors: six 10.6 m diameter, nine 6 m diameter and eight 2.5 m diameter	620 square metres; all directions; the angle of elevation is between $10^\circ$ and $90^\circ$
USA	62	Array of 6 parabolic reflectors, 10.6 m diameter each, arranged in a T shape	465 square metres; all directions; the angle of elevation is between $10^\circ$ and $90^\circ$
USA	63	Single 40 m parabolic reflector; prime focus	1230 square metres; all directions; the angle of elevation is between $12^\circ$ and $90^\circ$
USA	64	Single dish, offset fed, secondary Gregorian reflector at frequencies above 1.2 GHz	5576 square metres; all directions; the angle of elevation is between $5^\circ$ and $90^\circ$
USA	65	305 m diameter spherical reflector, with Gregorian secondary and tertiary reflectors	73 000 square metres at 410 MHz; 30,370 square metres at 1 610 MHz; 18,000 square metres at 10.7 GHz; coverage from $330^\circ$ to $30^\circ$ in azimuth and $70^\circ$ to $90^\circ$ in elevation
USA	66	Array of 27 parabolic reflectors, 25 m diameter each, arranged in a Y shape	8615 square metres; all directions; the angle of elevation is between $8^\circ$ and $90^\circ$
USA	67	25 m parabolic reflector, with 3.5 m diameter Cassegrain subreflector (above 1 GHz)	364 square metres; all directions; the angle of elevation is between $2^\circ$ and $90^\circ$
USA	68	36.6 m, parabolic reflector, Cassegrain subreflector	421 square metres at 22 GHz; 368 square metres at 43 GHz; 116 square metres at 100 GHz; all directions; the angle of elevation is between $2^\circ$ and $90^\circ$
USA	95	Array of 27 parabolic reflectors each of 25 metres diameter. Reflectors are dispersed in a Y configuration with maximum distance of 21 kilometres along any arm of the Y	320 square metres per reflector Angular coverage: 0 - 360 degrees azimuth 0 - 90 degrees elevation

TABLE 7

**Antenna radiation reference pattern**

Please consult the Bureau's documentation on Antenna Pattern Library (APL) online, which contains a table of standard as well as non-standard antenna patterns that can be used for space station and Earth station antennas:

<https://www.itu.int/en/ITU-R/software/Pages/ant-pattern.aspx>

A description of each antenna pattern is provided in the table, with the respective pattern ID to be used for submissions, and the details of the antenna pattern are available when clicking on the link for the pattern name.

When preparing a submission for satellite network or Earth station, please select the antenna pattern that best matches your antenna, and capture the corresponding antenna pattern ID in the notice database.

TABLE 11

**Symbols used for coordination and agreement status****11A Coordination phase for non planned space services**

At coordination stage, coordination or agreement requirements or potentially affected administrations are indicated by a combination of **provision symbols** and **agreement status symbols** preceding administration symbols (if required) on the cover page of the CR/C publication and in the column A5/A6 (Coordination) on the group level of the publication.

**Provision symbols** indicate an RR provision, an Appendix or a Resolution under which an administration is identified.

**Agreement status symbols** are divided into two groups:

- One group (i.e. A, T and Q) indicates mandatory coordination or agreement requirement.
- The other group (i.e. B, F and P) indicates, for information purposes (see No. 9.36.1), potentially affected administrations as identified by the Bureau under Nos. 9.11 to 9.14, 9.21 and Resolution 33, Section A, paragraph 2.1. Symbols of the latter group are converted to symbol Q for administrations that have informed, under No. 9.52, that they do not agree with the request for coordination.

In case of Nos. 9.7A and 9.7B, symbol F indicates that in accordance with *resolves 4*) of Resolution 85 (WRC-03) coordination requirements between GSO FSS earth stations and non-GSO FSS systems are determined based on bandwidth overlap. Symbol Q will be used once the epfd validation software is available (see *resolves 5* of Resolution 85 (WRC-03)).

Some agreement status symbols also indicate the method by which an administration was identified, as follows:

- A – Coordination Arc;
- T – Delta T/T or Frequency overlap<sup>7</sup>;
- B<sup>8</sup> – Coordination Arc or Delta T/T;
- F – Frequency overlap; and
- P – Power flux-density.

Possible combinations of provision and agreement status symbols in use are presented in the table below.

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<sup>7</sup> For inter-satellite link of a geostationary space station communicating with non-geostationary space station, as referred to in RR No. 5.328B, the coordination requirements under No. 9.7 with symbol T are established based on frequency overlap in accordance with WRC-19 decision (see §3.14 of Document CMR19/569 Minutes of the 8<sup>th</sup> Plenary Meeting).

<sup>8</sup> Under No. 9.21.

TABLE 11A.1

## Symbol in provision column currently in use

Provision symbol	Coordination or agreement requirement or potentially affected administration identified under RR provision, or Appendix or a Resolution
9.7	No. <b>9.7*</b>
9.7A	No. <b>9.7A</b>
9.7B	No. <b>9.7B</b>
9.41	Administration included in coordination after completion of the process of Nos. <b>9.41</b> and <b>9.42</b>
A30#7.1	Appendix <b>30</b> , Article 7, paragraph 7.1*
A30A#7.1	Appendix <b>30A</b> , Article 7, paragraph 7.1*
9.11	No. <b>9.11</b>
9.11A	No. <b>9.11A</b>
9.12	No. <b>9.12</b>
9.12A	No. <b>9.12A</b>
9.13	No. <b>9.13</b>
9.14	No. <b>9.14</b>
9.21/A	No. <b>9.21</b> – with respect to geostationary satellite networks – with respect to non-geostationary satellite networks – with respect to terrestrial stations
9.21/B	
9.21/C	
RS33#2.1	Resolution <b>33</b> , Section A, paragraph 2.1
RS33#3	Resolution <b>33</b> , Section B, paragraph 3
RS539	Resolution <b>539</b> (WRC-2003), <i>resolves</i> 2, 1 <sup>st</sup> indent under "Furthermore"

TABLE 11A.1.1

The following symbols in provision column were discontinued in application of current version of the Radio Regulations (Edition of 2015), incorporating decision of the World Radiocommunication Conferences, if applicable

Provision symbol	Description	Remarks
RS77	Converted to No. <b>9.14</b> , see CR/251	Symbol used up to 18 April 2006 see BR IFIC 2567
RS84	Removed after abrogation of Resolution <b>84</b> by <b>WRC-03</b>	Symbol used up to 5 July 2003

\* These symbols are also used for coordination effected using indicated provisions of the Radio Regulations with respect to the use of the guardbands under Article 2A of Appendices **30** and **30A**.

TABLE 11A.2

## Agreement status symbols currently in use

Provision symbol	Mandatory coordination or agreement requirement			Potentially affected administrations		
	A	T	Q	B	F	P
9.7	A	T	Q			
9.7A			Q		F	
9.7B			Q		F	
9.11			Q		F	P
9.12			Q		F	
9.12A			Q		F	
9.13			Q		F	
9.14			Q		F	P
9.21/A			Q	B	F	
9.21/B			Q		F	
9.21/C			Q		F	P
9.41			Q			
A30#7.1			Q			
A30A#7.1		T				
RS33#2.1			Q		F	P
RS33#3		T				
RS77			Q			
RS84			Q			
RS539			Q			

TABLE 11A.3

## Symbols in provision column A5/A6 used up to 31.12.1998

Provision symbol	Code	Description
RR---- RS46	*	Coordination or agreement is required but has not been requested
RR---- RS46	R	Coordination or agreement has been requested



**11B Notification phase**

TABLE 11B.1

**Symbols in provision column currently in use\***

Symbol used in provision column	Description
N/9.7 N/9.7A N/9.7B N/9.15 N/9.17 N/9.17A	The administration responsible for this entry asked the Bureau to seek coordination under the provisions of the Radio Regulations indicated in this remark with the administration of the country whose name is designated by the symbol in the "adm" column of the coordination table A5/A6, and this administration has not answered within the time limits specified. Consequently, the provisions of No. <b>9.47</b> or No. <b>9.48</b> are applicable for the administration whose symbol is indicated in this remark.
AP5#6A/9.--- AP5#6B/9.--- AP5#6C/9.---	The Finding was formulated on the understanding that, according to the provisions of Appendix <b>5</b> Paragraph 6a, 6b and/or 6c no coordination under No. <b>9.---</b> was required.
AP5#6D1/9.---	<p>The notifying administration has informed the Bureau that, for the present assignment to a receiving station, it accepts the interference resulting from the frequency assignments which should have been the subject of a coordination agreement under No. <b>9.---</b>.</p> <p>When this remark is followed by symbols indicating one or more administrations, the interference acceptance statement refers to the administration of the country whose symbol is inserted in the "adm" column of the coordination table A5/A6.</p>
AP5#6E1 AP5#6E2 AP5#6F AP5#6G	The Finding was formulated on the understanding that, according to the provisions of Paragraph 6e1, 6e2, 6f or 6g of Appendix <b>5</b> , no coordination under Nos. <b>9.15</b> to <b>9.19</b> was required.
AP5#6E3	<p>The notifying administration has informed the Bureau that, for the present assignment to a receiving earth station, it accepts the interference resulting from the existing or future terrestrial station assignments or assignments to earth stations operating the opposite direction of transmission.</p> <p>When this remark is followed by symbols in the "adm" column of the coordination table A5/A6 indicating one or more administrations, the interference acceptance statement refers to the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6.</p>

\* Symbols with "\*" in Table 11A.1 and Table 11C.1 are also used for notification of assignments with respect to the use of the guardbands under Article 2A of Appendices **30** and **30A** together with X/, N/, V/ as appropriate.

## SECTION IV - Table 11B: Symbols used for coordination and agreement status

Symbol used in provision column	Description
9.7 9.7A 9.7B 9.11 9.12 9.12A 9.13 9.14 9.15 9.17 9.17A 9.21 9.21/A 9.21/B 9.21/C A30#7.1 A30A#7.1 RS33#2.1 RS33#3 RS77 RS84 etc.	<p>The notifying administration has informed the Bureau of the successful completion of the coordination or agreement procedures in accordance with the provision of the Radio Regulation indicated in this remark.</p> <p>When this remark is followed by symbols in the "adm" column of the coordination table A5/A6 indicating one or more administrations, the coordination/agreement statement refers to the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6.</p>
X/9.7 X/9.7A X/9.7B X/9.11 X/9.12 X/9.12A X/9.13 X/9.14 X/9.15 X/9.17 X/9.17A X/9.21 X/A30#7.1 X/A30A#7.1 X/RS33#2.1 X/RS33#3 X/RS77 X/RS84 etc.	<p>In accordance with the provision of the Radio Regulations indicated in this remark, coordination or agreement was required with the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6; however, the Bureau was not informed of the successful conclusion of this coordination/agreement.</p> <p>When the symbol XAA appears after this remark, it indicates a coordination or agreement on a worldwide basis.</p>
Z/9.7 Z/9.12 Z/9.12A Z/9.13	<p>Based on the assumption that the present earth station was taken into account in the Nos. <b>9.7, 9.12, 9.12A</b> and <b>9.13</b> coordination of the corresponding satellite network with the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6, a favourable Finding was formulated with respect to examination of a frequency assignment to an earth station with respect to the application of Nos. <b>9.7, 9.12, 9.12A</b> and <b>9.13</b>. Nevertheless, this Finding will be reviewed if, after the publication in <b>Part II-S</b> of the <b>BR IFIC</b>, an objection from the administration concerned has been received.</p>

## SECTION IV - Table 11B: Symbols used for coordination and agreement status

Symbol used in provision column	Description
V/11.31.1	The use of this frequency assignment is subject to the application of the procedure of No. <b>9.21</b> . In the process of application of this procedure the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6 has formally objected to the proposed use. The Bureau has therefore concluded that the application of the procedure of No. <b>9.21</b> was not successfully completed with the administration concerned. A favourable Finding (13A1) was nevertheless formulated on the understanding that no harmful interference shall be caused to the services of or protection claimed from the administration concerned.
V/11.31.1/A V/11.31.1/B V/11.31.1/C	The use of this frequency assignment is subject to the application of the procedure of No. 9.21. In the process of application of this procedure the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6 has formally objected to the proposed use in relation to its GSO networks (V/11.31.1/A), Non-GSO networks (V/11.31.1/B) and terrestrial stations (V/11.31.1/C).  The Bureau has therefore concluded that the application of the procedure of No. <b>9.21</b> was not successfully completed with the administration concerned. A favourable Finding (13A1) was nevertheless formulated on the understanding that no harmful interference shall be caused to the services of or protection claimed from the administration concerned.
V/11.32A	The coordination required under Nos. <b>9.7, 9.7A, 9.7B, 9.11, 9.12, 9.12A, 9.13</b> or <b>9.14</b> of the space station assignment has not been effected with the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6 (unfavourable finding with respect to No. <b>11.32</b> ). Nevertheless, the Bureau's finding for this assignment with respect to No. <b>11.32A</b> is favourable.
V/11.33	The coordination required under No. <b>9.15, 9.16, 9.17, 9.17A</b> or <b>9.18</b> of the space station assignment has not been effected with the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6 (unfavourable finding with respect to No. <b>11.32</b> ). Nevertheless, the Bureau's finding for this assignment with respect to No. <b>11.33</b> is favourable.
11.41	This assignment has not been coordinated with the assignments of the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6. This assignment was nevertheless recorded in the MIFR subject to the application of the procedure of No. <b>11.41</b> .
11.41/XXX	This assignment has not been coordinated under provisions No.XXX with the assignments of the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6. This assignment was nevertheless recorded in the MIFR subject to the application of the procedure of No. <b>11.41</b> .
AP30	This assignment is in conformity with <b>AP30</b> Plans or R1 and R3 List.
AP30A	This assignment is in conformity with <b>AP30A</b> Plans or R1 and R3 List.
AP30B	This assignment is in conformity with <b>AP30B</b> Plan.
X/AP30	This assignment is not in conformity with <b>AP30</b> Plans or R1 and R3 List.
X/AP30A	This assignment is not in conformity with <b>AP30A</b> Plans or R1 and R3 List.
X/AP30B	This assignment is not in conformity with <b>AP30B</b> Plan.

TABLE 11B.2

**Symbols in agreement status column currently in use**

<b>Symbol used in agreement status column</b>	<b>Description</b>
O	Coordination or agreement has been obtained, or this assignment is in conformity with Plans/R1 and R3 Lists
X	Required Coordination or agreement has not been obtained, or this assignment is not in conformity with Plans/R1 and R3 Lists
V	Required Coordination or agreement has not been obtained but a favourable finding is given

TABLE 11B.3

**Symbols in provision column used up to 31.12.1998**

<b>Symbol used in provision column</b>	<b>Description</b>
N/RR1060 N/RR1107	The administration responsible for this entry asked the Bureau to seek coordination under the provisions of the Radio Regulations indicated in this remark with the administration of the country whose name is designated by the symbol in the "adm" column of the coordination table A5/A6 and this administration has not answered within the time limits specified. Consequently, the provisions of <b>RR1101-1103</b> or <b>RR1142-1144</b> are applicable for the administration whose symbol is indicated in this remark.
RR1066A RR1067 RR1068 RR1069	The Finding was formulated on the understanding that, according to the provisions of <b>RR1066A, RR1067, RR1068</b> or <b>RR1069</b> no coordination under <b>RR1060</b> was required.
RS46#2.5.8.A RS46#2.5.8.B	The Finding was formulated on the understanding that, according to the paragraph 2.5.8 a) or 2.5.8 b) of <b>Resolution 46</b> , no coordination under paragraph 2.1 or 2.2 of <b>Resolution 46</b> was required.
RR1070	The notifying administration has informed the Bureau that, for the present assignment to a receiving station, it accepts the interference resulting from the frequency assignments which should have been the subject of a coordination agreement under <b>RR1060</b> .  When this remark is followed by symbols indicating one or more administrations, the interference acceptance statement refers to the administration of the country whose symbol is inserted in the "adm" column of the coordination table A5/A6.
RR1109 RR1110 RR1111	The Finding was formulated on the understanding that, according to the provisions of <b>RR1109, RR1110</b> or <b>RR1111</b> , no coordination under <b>RR1107</b> was required.
RS46#3.1.2 RS46#3.1.3 RS46#3.1.4 RS46#3.1.5	The Finding was formulated on the understanding that, according to the provisions of paragraph 3.1.2, 3.1.3, 3.1.4, or 3.1.5 of <b>Resolution 46</b> , no coordination under paragraph 3.1 of <b>Resolution 46</b> was required.

## SECTION IV - Table 11B: Symbols used for coordination and agreement status

Symbol used in provision column	Description
RR1111A	<p>The notifying administration has informed the Bureau that, for the present assignment to a receiving earth station, it accepts the interference resulting from the existing or future terrestrial station assignments.</p> <p>When this remark is followed by symbols in the "adm" column of the coordination table A5/A6 indicating one or more administrations, the interference acceptance statement refers to the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6.</p>
RR1060 RR1060.1 RR1107 RR1610 RS33#5.3 RS33#5.4 RS46#2.1 RS46#2.2 RS46#3.1 A30#7.2.1 etc.	<p>The notifying administration has informed the Bureau of the successful completion of the coordination or agreement procedures in accordance with the provision of the Radio Regulation indicated in this remark.</p> <p>When this remark is followed by symbols in the "adm" column of the coordination table A5/A6 indicating one or more administrations, the coordination/agreement statement refers to the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6.</p>
X/RR1060 X/RR1060.1 X/RR1107 X/RR1610 X/RS33#5.3 X/RS33#5.4 X/RS46#2.1 X/RS46#2.2 X/RS46#3.1 X/A30#7.2.1 etc.	<p>In accordance with the provision of the Radio Regulations indicated in this remark, coordination or agreement was required, however, the coordination was not initiated.</p> <p>When this remark is followed by symbols inserted in the "adm" column of the coordination table A5/A6, in accordance with the provision of the Radio Regulations indicated in this remark, coordination or agreement was required with those administrations, however, the Bureau was not informed of the successful conclusion of this coordination/agreement. When the symbol XAA appears after this remark, it indicates a coordination or agreement on a worldwide basis.</p>
Z/RR1060 Z/RS46#2.1 Z/RS46#2.2	<p>Based on the assumption that the present earth station was taken into account in the <b>RR1060</b> and Paragraphs 2.1 and 2.2 of <b>Resolution 46</b> coordination of the corresponding satellite network with the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6, a favourable Finding was formulated with respect to <b>RR1504</b>. Nevertheless, this Finding will be reviewed if, after six months following the publication in <b>Part II-S</b> of the <b>BR IFIC</b>, an objection from the administration concerned has been received.</p>
V/RR1060	<p>The coordination required under <b>RR1060</b> of the space station assignment has not been effected with the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6 (unfavourable finding with respect to <b>RR1504</b>). Nevertheless, the Bureau's finding for this assignment with respect to <b>RR1506</b> is favourable.</p>
RR1544	<p>This assignment has not been coordinated with the administration of the country designated by the symbol inserted in the "adm" column of the coordination table A5/A6. This assignment was nevertheless recorded in the MIFR subject to the application of the procedure of <b>RR1544</b>.</p>

**11C Article 4 of Appendices 30 and 30A or Article 6 of Appendix 30B**

In Part A Special Sections published under § 4.1.5 or 4.2.8 of Appendices **30** and **30A** or **A6A** under § 6.7 of Appendix **30B**, potentially affected administrations identified under the relevant paragraphs of Article 4 of Appendices **30** and **30A** or under § 6.5 and 6.6 of Appendix **30B** are listed. A6A also contains a list of administrations whose territories have been included in the service area.

*In the event of an unfavourable finding under §6.21 and/or §6.22 of Appendix 30B, the administrations and corresponding allotments or assignments together with agreement status are listed in the publication under §6.24.*

*In the event of a favourable finding under §6.21 and §6.22 of Appendix 30B, the names of the administrations with which agreement has been reached and corresponding allotments or assignments are listed in the publication under §6.23.*

When an assignment is entered provisionally in the Region 1 and 3 List in accordance with § 4.1.18 or 4.2.21A of Appendix **30**, or in the Region 1 and 3 feeder-link List feeder-link in accordance with § 4.1.18 of Appendix **30A** or in Region 2 Plan in accordance with § 4.2.21A of Appendices **30** and **30A**, or in the List of assignments in accordance with § 6.25 of Appendix **30B**, the names of the administrations which are the basis of a disagreement or an unfavourable finding are listed in the Special Sections published under § 4.1.15 or 4.2.19 of Appendices **30** and **30A** or § 6.25 of Appendix **30B**. The corresponding assignments which are the basis of a disagreement or an unfavourable finding are stored in the SPS\_ALL or 30B\_xxxx.mdb databases, respectively.

Those lists are recorded in the “tr\_provn” and “tr\_aff\_ntw” tables of the Space Plans Systems database (SPS\_ALL for AP30/30A and 30B\_xxx.mdb for AP30B) with an agreement status that is initially set to “I” (or “R” for the list under § 6.6 of Appendix 30B). The provision symbols used are listed in Table 11C.1. The symbols used for the agreement status/nature are indicated in Table 11C.2. The symbols used for the agreement status during the coordination phase of Article 4 of Appendices **30** and **30A** with respect to the use of the guard bands under Article 2A of Appendices **30** and **30A** are indicated in Table 11C.3.

TABLE 11C.1

**Symbols in “coord\_prov” column of the “tr\_provn” and “tr\_aff\_ntw” tables**

<b>Provision symbol</b>	<b>Provisions under which coordination or agreement requirement or potentially affected administration identified, or agreements reached</b>
30B#6.5A1_1	Appendix <b>30B</b> , <b>Article 6</b> , § 6.5 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry carrier-to-interference (C/I), 6GHz
30B#6.5A1_2	Appendix <b>30B</b> , <b>Article 6</b> , § 6.5 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 12-13GHz
30B#6.5A2_1	Appendix <b>30B</b> , <b>Article 6</b> , § 6.5 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 4GHz
30B#6.5A2_2	Appendix <b>30B</b> , <b>Article 6</b> , § 6.5 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 10-11GHz
30B#6.5A3_1	Appendix <b>30B</b> , <b>Article 6</b> , § 6.5 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 6/4GHz
30B#6.5A3_2	Appendix <b>30B</b> , <b>Article 6</b> , § 6.5 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 12-13/10-11GHz
30B#6.5AU_1	Appendix <b>30B</b> , <b>Article 6</b> , § 6.5 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink power flux-density (pfd), 6GHz

## SECTION IV - Table 11C: Symbols used for coordination and agreement status

<b>Provision symbol</b>	<b>Provisions under which coordination or agreement requirement or potentially affected administration identified, or agreements reached</b>
30B#6.5AU_2	Appendix <b>30B, Article 6, § 6.5 a)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 12-13GHz
30B#6.5AD_1	Appendix <b>30B, Article 6, § 6.5 a)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 4GHz
30B#6.5AD_2	Appendix <b>30B, Article 6, § 6.5 a)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 10-11GHz
30B#6.5B1_1	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 6GHz
30B#6.5B1_2	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 12-13GHz
30B#6.5B2_1	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 4GHz
30B#6.5B2_2	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 10-11GHz
30B#6.5B3_1	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 6/4GHz
30B#6.5B3_2	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 12-13/10-11GHz
30B#6.5BU_1	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 6GHz
30B#6.5BU_2	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 12-13GHz
30B#6.5BD_1	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 4GHz
30B#6.5BD_2	Appendix <b>30B, Article 6, § 6.5 b)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 10-11GHz
30B#6.5C1_1	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 6GHz
30B#6.5C1_2	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 12-13GHz
30B#6.5C2_1	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 4GHz
30B#6.5C2_2	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 10-11GHz
30B#6.5C3_1	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 6/4GHz
30B#6.5C3_2	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 12-13/10-11GHz
30B#6.5CU_1	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 6GHz
30B#6.5CU_2	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 12-13GHz
30B#6.5CD_1	Appendix <b>30B, Article 6, § 6.5 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 4GHz

## SECTION IV - Table 11C: Symbols used for coordination and agreement status

<b>Provision symbol</b>	<b>Provisions under which coordination or agreement requirement or potentially affected administration identified, or agreements reached</b>
30B#6.5CD_2	Appendix <b>30B, Article 6</b> , § 6.5 c), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 10-11GHz
30B#6.6	Appendix <b>30B, Article 6</b> , § 6.6
30B#6.21A1_1	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 6GHz
30B#6.21A1_2	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 12-13GHz
30B#6.21A2_1	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 4GHz
30B#6.21A2_2	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 10-11GHz
30B#6.21A3_1	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 6/4GHz
30B#6.21A3_2	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 12-13/10-11GHz
30B#6.21AU_1	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 6GHz
30B#6.21AU_2	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 12-13GHz
30B#6.21AD_1	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 4GHz
30B#6.21AD_2	Appendix <b>30B, Article 6</b> , § 6.21 a), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 10-11GHz
30B#6.21B1_1	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 6GHz
30B#6.21B1_2	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 12-13GHz
30B#6.21B2_1	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 4GHz
30B#6.21B2_2	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 10-11GHz
30B#6.21B3_1	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 6/4GHz
30B#6.21B3_2	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 12-13/10-11GHz
30B#6.21BU_1	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 6GHz
30B#6.21BU_2	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 12-13GHz
30B#6.21BD_1	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 4GHz
30B#6.21BD_2	Appendix <b>30B, Article 6</b> , § 6.21 b), Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 10-11GHz



## SECTION IV - Table 11C: Symbols used for coordination and agreement status

<b>Provision symbol</b>	<b>Provisions under which coordination or agreement requirement or potentially affected administration identified, or agreements reached</b>
30B#6.21C1_1	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 6GHz
30B#6.21C1_2	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink single entry C/I, 12-13GHz
30B#6.21C2_1	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 4GHz
30B#6.21C2_2	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink single entry C/I, 10-11GHz
30B#6.21C3_1	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 6/4GHz
30B#6.21C3_2	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , overall aggregate C/I, 12-13/10-11GHz
30B#6.21CU_1	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 6GHz
30B#6.21CU_2	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , uplink pfd, 12-13GHz
30B#6.21CD_1	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 4GHz
30B#6.21CD_2	Appendix <b>30B, Article 6, § 6.21 c)</b> , Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , downlink pfd, 10-11GHz
30B#6.21N_1	Appendix <b>30B, Article 6, § 6.21 c)</b> , Footnote 7bis, Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , 6/4 GHz
30B#6.21N_2	Appendix <b>30B, Article 6, § 6.21 c)</b> , Footnote 7bis, Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , 12-13/10-11 GHz
30B#6.22_1	Appendix <b>30B, Article 6, § 6.22</b> Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , 6/4GHz
30B#6.22_2	Appendix <b>30B, Article 6, § 6.22</b> Annex 4 of Appendix <b>30B</b> or Appendix 1 to Attachment 1 to <b>Res170</b> , 12-13/10-11GHz

TABLE 11C.2

**Symbols in “agree\_st” column of the “tr\_provn” and “tr\_aff\_ntw” tables**

<b>Symbol</b>	<b>Description</b>
I	Administrations are identified as potentially affected
R	Agreement is required
N	Agreement is not required
O	The required agreement has been obtained
V	Implicit agreement has been obtained <sup>1</sup>
X	Agreement has not been obtained <sup>2</sup>

<sup>1</sup> Only applicable for cases where § 6.15 of Article 6 of Appendix **30B** or § 4.1.10 d) of Article 4 of Appendices **30** or **30A** is applied.

<sup>2</sup> Only applicable for provisionally entry into the List under § 4.1.18 or the Region 2 Plan under § 4.2.21A of Article 4 of Appendix **30/30A**, or the List under § 6.25 of Article 6 of Appendix **30B**

TABLE 11C.3

**Symbols in the “agree\_st” column of the “provn” table for Article 4 provisions with respect to the use of the guardbands under Article 2A**

<b>Symbol</b>	<b>Description</b>
I	Administrations are identified as potentially affected
Q	Agreement is required
N	Agreement is not required
O	The required agreement has been obtained

## SECTION IV - Table 12A/12B

TABLE 12A/12B

<b>ABW</b>	Aruba
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**A** MINISTRY OF ECONOMIC AFFAIRS, AGRICULTURE AND INNOVATION, RADIO COMMUNICATIONS AGENCY  
P.O. BOX 450, 9700 AL GRONINGEN  
EMAIL: info@agentschaptetelecom.nl  
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PHONE: +31 50 58 77 555

**B** DIRECTIE TELECOMMUNICATIE ZAKEN  
RUMBASTRAAT 19  
ORANJESTAD  
TELEFAX: +297 582 5307  
PHONE: +297 582 6069  
EMAIL: dirtelza@setarnet.aw

<b>AFG</b>	Afghanistan
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**A** MINISTRY OF COMMUNICATIONS  
LIAISON AND DOCUMENTS DEPARTMENT  
INTERNATIONAL ORGANIZATIONS LIAISON SECTION  
KABUL  
ISLAMIC STATE OF AFGHANISTAN  
TELEFAX: +4940 2295 347

<b>001</b> MINISTRY OF COMMUNICATIONS	<b>002</b> MINISTRY OF CIVIL AVIATION
<b>003</b> AFGHAN AIR AUTHORITY	<b>004</b> EMBASSY OF THE REPUBLIC OF TURKEY
<b>005</b> AFGHAN MINISTRY OF AGRICULTURE	<b>006</b> AFGHAN CIVIL AVIATION
<b>007</b> MINISTRY OF INTERIOR POLICE	<b>008</b> EMBASSY OF SAUDI ARABIA
<b>009</b> RED CROSS ORGANIZATION	

<b>AFS</b>	South Africa
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**A** INDEPENDENT COMMUNICATIONS AUTHORITY OF SOUTH AFRICA (ICASA)  
PIN MILL FARM, BLOCKS A, B, C & D  
PRIVATE BAG X10002  
SANDTON 2146  
SOUTH AFRICA  
TELEX: 095 357793 = RADIO  
TELEFAX: +27 11 444 1919  
EMAIL: info@icasa.org.za  
PHONE: +27 11 566 3000

**B** DEPARTMENT OF TRANSPORT,  
DIVISION OF CIVIL AVIATION,  
PRETORIA

**C** DEPARTMENT OF DEFENCE,  
GENERAL HEADQUARTERS,  
PRETORIA

**D** GENERAL MANAGER,  
SOUTH AFRICAN RAILWAYS AND HARBOURS,  
JOHANNESBURG

**E** DIRECTOR GENERAL,  
SOUTH AFRICAN BROADCASTING CORPORATION,  
JOHANNESBURG

## SECTION IV - Table 12A/12B

<b>AFS</b>	South Africa
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<b>F</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: +44 20 7981 3208 TELEX: 051261969dti wbh g EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100	
<b>G</b>	FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC FREQUENCY OFFICE ARSENAL, OBJEKT 22, POB 79 A-1103 WIEN / AUSTRIA TELEX: 131 800 MONI A	
<b>001</b>	DEPARTMENT OF POSTS AND TELEGRAPHS	<b>002</b> DEPARTMENT OF TRANSPORT, DIVISION OF CIVIL AVIATION
<b>003</b>	DEPARTMENT OF DEFENCE	<b>004</b> SOUTH AFRICAN BROADCASTING CORPORATION
<b>005</b>	SOUTH AFRICAN RAILWAYS AND HARBOURS	<b>006</b> PRIVATE
<b>007</b>	GEOLOGICAL SURVEY DEPARTMENT	<b>008</b> GEOPHYSICAL RESEARCH
<b>009</b>	SOUTH AFRICAN POLICE	<b>010</b> NAMIBIAN ADMINISTRATION
<b>011</b>	EMBASSY OF SWITZERLAND IN PRETORIA	<b>012</b> FIRE FIGHTING
<b>013</b>	BOPHUTHATSWANA	<b>014</b> RED CROSS ORGANIZATION
<b>015</b>	S. A. N. F.	<b>016</b> BOTSWANA POLICE
<b>017</b>	DEPARTMENT OF NATIVE AFFAIRS	<b>019</b> BOTSWANA ADMINISTRATION
<b>021</b>	SWAZILAND ADMINISTRATION	<b>022</b> UNITED KINGDOM GOVERNMENT
<b>023</b>	ADMIRALTY, LONDON	<b>024</b> OSTERREICHISCHE BOTSCHAFT
<b>025</b>	EMBASSY OF HUNGARY IN PRETORIA	DEPARTMENT OF SCIENCE AND TECHNOLOGY OF THE REPUBLIC OF SOUTH AFRICA

<b>AGL</b>	Angola
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<b>A</b>	INSTITUTE OF COMMUNICATIONS (INACOM) MINISTERIO DOS CORREIOS E TELECOMUNICACOES AV. 4 DE FEVEREIRO, 42/9 ANDAR CAIXA POSTAL 1459 LUANDA REPUBLIQUE POPULAIRE D'ANGOLA TELEFAX: +244 222 339 356 TELEX: 0991 2134 COMANG AN PHONE: +244 222 338 352
<b>B</b>	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEFAX: +1 212 9631939 TELEX: 023 289696
<b>001</b>	UNITED NATIONS

<b>AIA</b>	Anguilla
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<b>A</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: + 44 20 7981 3208 TELEX: 051261969dti wbh g EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100
<b>001</b>	CABLE AND WIRELESS (W.I.) LTD., LONDON

## SECTION IV - Table 12A/12B

<b>ALB</b>	Albania
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- A** MINISTRY OF TRANSPORTS AND TELECOMMUNICATIONS  
GENERAL DIRECTORATE OF PT  
A. TOPTANI STREET  
TIRANA  
ALBANIA  
PHONE: +355 4 227 204  
TELEFAX: +355 4 233 772  
EMAIL: apostaln@atnet.com.al
- B** TURK TELEKOMUNIKASYON A.S.  
SATELLITE COMMUNICATIONS DEPARTMENT  
ZIRAAT MAHALLESİ  
TURGUT OZAL BULVARI  
06103 ANKARA / TURQUIE  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- 001** MINISTERE DES COMMUNICATIONS,  
DIRECTION GENERALES DES P.T.T.,  
SECTION DES TELECOMMUNICATIONS, TIRANE
- 002** AVIATION NATIONALE
- 003** AGENCE PRESSE
- 004** EMBASSY OF THE REPUBLIC OF TURKEY
- 005** DIRECTION GENERALE DE RADIOTELEVISION,  
TIRANE

<b>ALG</b>	Algeria
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- A** MINISTERE DE LA POSTE ET DES TECHNOLOGIES DE  
L'INFORMATION ET DE LA COMMUNICATION  
04 - BOULEVARD KRIM BELKACEM - 16000 ALGER  
ALGERIE  
TELEFAX: +213 21 71 86 93  
PHONE: +213 21 71 92 06
- B** AGENCE NATIONALE DES FREQUENCES  
04 - BOULEVARD KRIM BELKACEM - 16000 ALGER  
ALGERIE
- 003** SERVICES GOUVERNEMENTAUX
- 004** AVIATION CIVILE
- 005** METEOROLOGIE NATIONALE
- 006** DIRECTION DES TRANSMISSIONS NATIONALES
- 008** ADMINISTRATION DE LA RADIODIFFUSION  
TELEVISION ALGERIENNE
- 010** ADMINISTRATION DES POSTES ET  
TELECOMMUNICATIONS
- 016** SERVICE DES PHARES ET BALISES
- 024** PORT DE BEJAIA
- 025** PORT DE MOSTAGANEM
- 027** PORT DE SKIKDA
- 028** PORT D'ORAN
- 029** PORT D'ALGERIE
- 036** DIRECTION DES TRANSMISSIONS NATIONALES  
- S.T.I.
- 037** RESEAUX SOUS CONTROLE P.T.T.
- 044** AGENCE SPATIALE ALGERIENNE

<b>ALS</b>	Alaska (State of)
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- A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION: MR. RICHARD B. ENGELMAN  
2000 M STREET  
ROOM 868, STOP CODE #0800C  
WASHINGTON DC 20554 / UNITED STATES OF AMERICA  
TELEFAX: +1 202 418 1208 / 418 0398  
TELEX: 025 VIA TWX 7108220160
- B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- 001** COMMUNICATIONS SATELLITE CORPORATION
- 002** U.S. GOVERNMENT
- 003** DEPARTMENT OF COMMERCE
- 004** RCA ALASKA COMMUNICATIONS INC.
- 005** HUGHES COMMUNICATIONS GALAXY, INC.
- 006** AMERICAN TELEPHONE AND TELEGRAPH CO.
- 051** US GOVERNMENT COAST GUARD
- 068** U.S. GOVERNMENT (DEMANDER CONFIRMATION  
AUX USA)

## SECTION IV - Table 12A/12B

<b>ALS</b>	Alaska (State of)		
120	FEDERAL COMMUNICATIONS COMMISSION - SD	230	FEDERAL COMMUNICATIONS COMMISSION, BC
300	FEDERAL COMMUNICATIONS COMMISSION, PLM	350	FEDERAL COMMUNICATIONS COMMISSION, PAV

<b>AMS</b>	Saint Paul and Amsterdam Islands		
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- A** MONSIEUR LE DIRECTEUR GÉNÉRAL  
 AGENCE NATIONALE DES FRÉQUENCES  
 78, AVENUE DU GENERAL DE GAULLE - BP400  
 94704 MAISONS ALFORT CEDEX  
 FRANCE  
 EMAIL: earthcoord@anfr.fr (Stations terriennes)  
 EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)  
 EMAIL: tercoord@anfr.fr (Services de Terre)  
 TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
 TELEFAX: +33 1 45 18 73 90 (Stations terriennes)
- B** M. L'ADMINISTRATEUR SUPERIEUR DES  
 TERRES AUSTRALES ET ANTARCTIQUES  
 FRANCAISES  
 34 RUE DES RENAUTES  
 F - 75017 PARIS  
 TELEX: TAAF 640980 F
- 001 ETABLISSEMENTS DES ILES SAINT PAUL-ET- 002 METEOROLOGIE  
 AMSTERDAM
- 003 DEFENSE NATIONALE

<b>AND</b>	Andorra		
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- A** DIRECCION GENERAL DE TELECOMUNICACIONES  
 PALACIO DE COMUNICACIONES  
 PLAZA DE CIBELES  
 28070 MADRID  
 ESPAGNE  
 TELEFAX: +34 91 5322972  
 TELEX: 052 44100 GENTL E
- B** MONSIEUR LE DIRECTEUR GENERAL  
 AGENCE NATIONALE DES FREQUENCES  
 78, AV. DU GENERAL DE GAULLE - BP400  
 94 704 MAISONS ALFORT CEDEX  
 FRANCE  
 TELEX: 042250310 gentel f
- 001 MINISTERE DE LA CULTURE ET DE LA 002 EIRASA, MADRID  
 COMMUNICATION (SOFIRAD) PARIS

<b>AOE</b>	Western Sahara		
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- A** AGENCE NATIONALE DE REGLEMENTATION DES TELECOMMUNICATIONS  
 CENTRE D'AFFAIRES, BD. AR-RIAD, HAY RLAD.  
 BR 2939  
 RABAT 10100  
 MAROC  
 TELEFAX: +34 91 5322972  
 TELEX: 05244100 GENTL E
- 019 KRUPP GMBH

## SECTION IV - Table 12A/12B

<b>ARG</b>	Argentina
------------	-----------

**A** SECRETARIA DE GOBIERNO DE MODERNIZACION  
SECRETARIA DE TECNOLOGIA DE LA INFORMACION Y LAS COMUNICACIONES (SETIC)  
SUBSECRETARIA DE PLANAMIENTO  
PERU 103, PISO 13  
BUENOS AIRES (C1067AAC)  
ARGENTINA  
TELEFAX: +5411 4347 9576  
EMAIL: brnotificaciones@modernizacion.gov.ar

<p><b>001</b> SECRETARIA TIC <b>004</b> COMISION NACIONAL DE ACTIVIDADES ESPACIALES (CONAE) <b>007</b> ARSAT S.A. <b>009</b> INVAP S.E. <b>011</b> CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET)</p>	<p><b>002</b> PRIVADO <b>005</b> FUERZA AEREA ARGENTINA (FAA) <b>008</b> INSTITUTO ARGENTINO DE RADIOASTRONOMIA <b>010</b> SATELLOGIC S.A</p>
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<b>ARM</b>	Armenia
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**A** MINISTRY OF TRANSPORT AND COMMUNICATIONS OF THE  
REPUBLIC OF ARMENIA  
REPUBLIC CENTRE OF TELECOMMUNICATIONS  
STATE NON-COMMERCIAL ORGANIZATION  
29, TBILISYAN HIGHWAY  
375091 YEREVAN  
REPUBLIC OF ARMENIA  
TELEFAX: +37410 28 86 83  
TELEX: 064243311 OPSU  
PHONE: +37410 28 87 17  
EMAIL: rct@web.am

<p><b>001</b> GC JSC REPUBLICAN TELECOMMUNICATIONS CENTRE <b>003</b> GC JSC RADIO <b>005</b> PUBLIC TELERADIOCOMPANY OF ARMENIA</p>	<p><b>002</b> GC JSC ARMENIA TELEVISION NETWORKS <b>004</b> JSC ARMENTEL <b>006</b> JSC ARMKOSMOS</p>
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<b>ARS</b>	Saudi Arabia
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**A** COMMUNICATIONS AND INFORMATION TECHNOLOGY  
COMMISSION (CITC)  
P.O. BOX 75606  
RIYAD 11588  
TELEFAX: +966 1 461 8002  
TELEX: 0495 401220 PTT SJ  
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PHONE: +966 1 461 8003

**B** FIELD SERVICE,  
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NEW YORK N.Y.

**C** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

**D** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

**E** GENERAL DIRECTORATE OF BROADCASTING, PRESS  
AND PUBLICATIONS,  
JEDDA

## SECTION IV - Table 12A/12B

<b>ARS</b>	Saudi Arabia
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**F** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT

**G** NATIONAL TELECOM AGENCY  
INTERNATIONAL RELATIONS SECRETARIAT  
HOLSTEINGADE 63  
DK - 2100 KOBENHAVN O  
TELEFAX: +45 35431434

**H** DIRECTOR GENERAL  
INTERNATIONAL RELATIONS  
MINISTRY OF PTTL, RIYADH  
RIYADH 11112  
TELEX: 0495401020 PTT SJ

<b>001</b>	ARAMCO	<b>002</b>	TAPLINE
<b>003</b>	SAUDI-ARABIAN AIR LINES (S.A.A.)	<b>004</b>	P.T.T.
<b>005</b>	UNITED NATIONS	<b>006</b>	GETTY OIL CO.
<b>007</b>	MET. DEPT.	<b>008</b>	GOVERNMENT
<b>009</b>	ARABIAN OIL CO. (JAPAN)	<b>010</b>	SWEDISH GOVERNMENT
<b>011</b>	SAUDI ROAD-CONSULTING ENGINEERS, RIYADH	<b>012</b>	CIVIL AVIATION DEPT.
<b>013</b>	EMBASSY OF THE STATE OF KUWAIT	<b>014</b>	DANISH GOVERNMENT
<b>015</b>	MINISTRY OF INFORMATION, RIYADH	<b>016</b>	ARAB SATELLITE COMMUNICATIONS ORGANIZATION
<b>017</b>	PRIVATE SECTOR	<b>018</b>	KING ABDULAZIZ CITY FOR SCIENCE AND TECHNOLOGY (KACST)
<b>019</b>	KING SAUD UNIVERSITY (KSU)		

<b>ASC</b>	Ascension Island
------------	------------------

**A** THE POSTMASTER  
GENERAL POST OFFICE  
ST. HELENA  
TELEX: 202 GOVT HL

**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

**C** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
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PHONE: +44 20 7981 3100

<b>001</b>	CABLE AND WIRELESS PLC, LONDON	<b>002</b>	BBC
<b>003</b>	VOLCANO RADIO	<b>004</b>	UNITED KINGDOM GOVERNMENT
<b>005</b>	UNITED STATES GOVERNMENT	<b>006</b>	DEUTSCHES GEODATISCHES FORSCHUNGSINSTITUT

<b>ATA</b>	Antarctic
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**A** THE POSTMASTER GENERAL  
DEPARTMENT OF POSTS AND TELECOMMUNICATIONS  
PRIVATE BAG X860  
PRETORIA 0001  
TELEX: 095 357793 = RADIO

**B** COMISION NACIONAL DE COMUNICACIONES  
GERENCIA DE RELACIONES INTERNACIONALES E  
INSTITUCIONALES  
1067 BUENOS AIRES  
TELEFAX: +54 11 43479546



## SECTION IV - Table 12A/12B

ATA	Antarctic
C	ASSISTANT SECRETARY TRANSMISSION POLICY AND SPECTRUM PLANNING BRANCH DEPARTMENT OF TRANSPORT AND COMMUNICATIONS GPO BOX 594 CANBERRA A.C.T. 2601 TELEX: SECCOM AA62025A
D	MINISTERE DES COMMUNICATIONS ET DE L'INFRASTRUCTURE SERVICE REGLEMENTATION RADIO GESTION DE FREQUENCES, BUREAU TR5/GF RUE DES PALAIS, 42 B-1210 BRUXELLES TELEX: 046 29154 GENTL B
E	SUBSECRETARIA DE TELECOMUNICACIONES MINISTERIO DE TRANSPORTES Y TELECOMUNICACIONES AMUNATEGUI 139 SANTIAGO DE CHILE TELEX: 034341156 SUBTEL CK
F	MONSIEUR LE DIRECTEUR GENERAL AGENCE NATIONALE DES FREQUENCES 78, AVENUE DU GENERAL DE GAULLE - BP400 94704 MAISONS ALFORT CEDEX FRANCE EMAIL: earthcoord@anfr.fr (Stations terriennes) EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes) EMAIL: tercoord@anfr.fr (Services de Terre) TELEFAX: +33 1 45 18 73 90 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 45 18 73 90 (Stations terriennes)
G	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100
H	THE DIRECTOR GENERAL OF TELECOMMUNICATIONS BUREAU MINISTRY OF POSTS AND TELECOMMUNICATIONS 3-2, KASUMIGASEKI 1-CHOME CHIYODA-KU TOKYO 100-90 TELEX: 072 J29100
I	THE DIRECTOR-GENERAL RADIO AND BROADCASTING BUREAU MINISTRY OF INFORMATION & COMMUNICATIONS 100, SEJONG-RO, CHONGRO-GU SEOUL 110-777 / REPUBLIC OF KOREA TELEX: 0801 OFIRAD K24972
J	RADIO FREQUENCY SERVICE MINISTRY OF COMMERCE 33 BOWEN STREET P.O. BOX 1473 WELLINGTON / NOUVELLE ZELANDE TELEFAX: +64 4 499 0797 TELEX: 007431530 tradint nz
K	MINISTRY OF POSTS AND TELECOMMUNICATIONS OF THE RUSSIAN FEDERATION DEPARTMENT FOR INTERNATIONAL RELATIONS 7, TVERSKAYA STREET 103375 MOSKVA, K-375 TELEFAX: +7 095 2003230

## SECTION IV - Table 12A/12B

<b>ATA</b>	Antarctic
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<b>L</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
<b>M</b>	MINISTRY OF POSTS AND TELECOMMUNICATIONS 22, KRECHTCHATIK 252001 KIEV UKRAINE TELEFAX: +380 44 228 6141 TELEX: 0680 13 1112 UKTEL		
<b>001</b>	DEPARTMENT OF TRANSPORT, DIVISION OF CIVIL AVIATION (AFS)	<b>002</b>	SECRETARIA DE COMUNICACIONES (ARG)
<b>003</b>	PRIVADO (ARG)	<b>004</b>	GOVERNMENT (AUS)
<b>005</b>	REGIE DES TELEGRAPHES ET DES TELEPHONES (BEL)	<b>006</b>	EXPEDITION BELGE DANS L'ANTARCTIQUE
<b>007</b>	SERVICIO DE GOBIERNO (CHL)	<b>008</b>	D.T.A., DIRECCION DEL TRANSITO AEREO (FUERZA AEREA DE CHILE) (CHL)
<b>009</b>	FORCES TERRESTRES (F)	<b>010</b>	UNITED KINGDOM GOVERNMENT (G)
<b>011</b>	ISLE OF MAN BROADCASTING COMMISSION (G)	<b>012</b>	TELECOMMUNICATIONS BUREAU (T.B.), MINISTRY OF POSTS AND TELECOMMUNICATIONS (J)
<b>013</b>	TELECOM CORP OF NZ (NZL)	<b>014</b>	NEW ZEALAND GOVERNMENT (NZL)
<b>015</b>	D.S.I.R. (NZL)	<b>016</b>	MINISTERE DES COMMUNICATIONS POSTALES ET ELECTRIQUES, MOSCOU (URS)
<b>017</b>	DIRECCION METEOROLOGICA DE CHILE	<b>018</b>	METEREOLOGIE (F)

<b>ATG</b>	Antigua and Barbuda
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<b>A</b>	THE PERMANENT SECRETARY MINISTRY OF INFORMATION, BROADCASTING & TELECOMMUNICATIONS OFFICE OF THE PRIME MINISTER QUEEN ELIZABETH HIGHWAY ST. JOHN'S ANTIGUA AND BARBUDA TELEFAX: +1 268 562 3914 TELEX: 0393 2153 PW COM AK		
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
<b>001</b>	ANTIGUA BROADCASTING SERVICE	<b>002</b>	CARRIACOU GOVERNMENT
<b>003</b>	INTERNATIONAL AERADIO (CARIB) LIMITED	<b>004</b>	ZANDEK COMMERCIAL RADIOS INC.
<b>005</b>	BAPTIST INTERNATIONAL MISSION	<b>006</b>	COMMANDER V.E.B. NICHOLSON, ENGLISH HARBOUR COAST SERVICE
<b>007</b>	CABLE AND WIRELESS (W.I.) LTD., LONDON	<b>008</b>	PAN AMERICA WORLD AIRWAYS
<b>009</b>	PUBLIC WORKS DEPARTMENT	<b>010</b>	U.S. GOVERNMENT

<b>AUS</b>	Australia
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<b>A</b>	AUSTRALIAN COMMUNICATIONS AND MEDIA AUTHORITY P.O. BOX 78 BELCONNEN ACT 2616 AUSTRALIA EMAIL: satellite.coordination@acma.gov.au TELEFAX: +61 2 6219 5447		
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
<b>001</b>	AUSTRALIAN BROADCASTING SERVICES	<b>002</b>	GOVERNMENT
<b>003</b>	POLICE DEPARTMENTS	<b>004</b>	FORESTRY DEPARTMENTS
<b>005</b>	DEPARTMENT OF CIVIL AVIATION	<b>006</b>	AUSTRALIAN TELECOMMUNICATIONS COMMISSION
<b>007</b>	FIRE FIGHTING SERVICES	<b>008</b>	OVERSEAS TELECOMMUNICATIONS COMMISSION
<b>009</b>	OUTPOST RADIOCOMMUNICATIONS SERVICES	<b>010</b>	AMBULANCE SERVICES
<b>011</b>	ELECTRICITY SUPPLY AUTHORITIES	<b>012</b>	PRIVATE
<b>013</b>	WATER SUPPLY AUTHORITIES	<b>014</b>	TRANSPORT AUTHORITIES

## SECTION IV - Table 12A/12B

AUS	Australia		
015	RESEARCH CORPORATION NY C/O COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, HOBART, TAS.	016	CORNELL-SYDNEY UNIVERSITY ASTRONOMY CENTRE, UNIVERSITY OF SYDNEY, SYDNEY, N.S.W.
017	DEPARTMENT OF PHYSICS, UNIVERSITY OF TASMANIA, HOBART, TAS	018	SCHOOL OF ELECTRICAL ENGINEERING, UNIVERSITY OF SYDNEY, SYDNEY, N.S.W.
019	UNITED STATES GOVERNMENT	020	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, SYDNEY, N.S.W.
021	INDONESIAN EMBASSY	022	AUSTRALIA TELESCOPE NATIONAL FACILITY, CSIRO
023	POSTAL AND TELECOMMUNICATIONS DEPARTMENT	024	SPACE PROJECTS BRANCH-DEPARTMENT OF SCIENCE
025	TCN CHANNEL PTY LTD.	026	AUSTRALIAN BROADCASTING CORPORATION
027	OPTUS SATELLITE NETWORK PTY LIMITED	028	ASIASPACE LTD.
029	OPTUS BELROSE SATELLITE FACILITY, FRENCH'S FOREST, NSW	030	AUSTRALIAN S2COM, LTD
031	EUROPEAN SPACE AGENCY (E.S.A)	032	SIRION GLOBAL PTY LTD
033	KACOMM COMMUNICATIONS PTY LTD	034	NBN CO LIMITED
035	INTELSAT ASIA PTY LTD	036	MELBOURNE SPACE PROGRAM
037	CURTIN UNIVERSITY	038	ARC TRAINING CENTRE FOR CUBESATS, UAVS, AND THEIR APPLICATIONS (CUAVA), UNIVERSITY OF SYDNEY

AUT	Austria	
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**A** FEDERAL MINISTRY FOR TRANSPORT, INNOVATION AND  
TECHNOLOGY  
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RADETZKYSTRASSE 2  
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AUSTRIA  
EMAIL: martin.pelzmann@bmv.gv.at  
TELEFAX: +43 1 71162 65 6 4249  
PHONE: +43 1 71162 65 0

**B** FEDERAL OFFICE FOR POSTS AND TELECOMMUNICATIONS  
CENTRALIZING OFFICE OF THE RADIO MONITORING  
SERVICE  
P.O. BOX 80 01  
D - 55003 MAINZ  
TELEX: 4187404 MONI D

**C** SWISS TELECOM PTT  
CH-3030 BERNE  
SUISSE  
TELEFAX: +41 31 3382549  
TELEX: 045911010 PTT CH

**D** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR

001 OESTERREICHISCHER RUNDFUNK - BC/TV  
003 OESTERREICHISCHE GEMEINDEN - BC/TV  
005 OESTERREICHISCHE PRIVAT - BC/TV  
008 AMT DER TIROLER LANDESREGIERUNG,  
INNSBRUCK  
010 PANAMERICAN AIRWAYS, WIEN

012 EMBASSY OF THE REPUBLIC OF TURKEY,  
WIEN

014 ADMINISTRATION DES P.T.T. BERNE,  
SUISSE

017 BUNDESMINISTERIUM FÜR INNERES  
(BUNDESGENDARMERIE), WIEN

020 BUNDESMINISTERIUM FÜR INNERES  
(INTERPOL), WIEN

022 ERSTE DONAU-  
DAMPFSCHIFFFAHRTSGESELLSCHAFT, WIEN

002 RADIO AUSTRIA AG, WIEN  
004 BUNDESMINISTERIUM FÜR FINANZEN, WIEN  
007 OESTERREICHISCHER BERGRETTUNGSDIENST  
009 BUNDESAMT FÜR ZIVILLUFTFAHRT, WIEN

011 BUNDESMINISTERIUM FÜR VERKEHR,  
GENERALDIREKTION FÜR DIE POST- UND  
TELEGRAPHENVERWALTUNG, WIEN  
013 BAYRISCHER RUNDFUNK, MUNCHEN

016 AUSTRIAN AIRLINES, WIEN

019 BUNDESMINISTERIUM FÜR INNERES  
(BUNDESPOLIZEI), WIEN

021 SCANDINAVIAN AIRLINES, WIEN

023 OESTERREICHISCHE GESELLSCHAFT VOM ROTEN  
KREUZ, WIEN

## SECTION IV - Table 12A/12B

<b>AUT</b>	Austria		
024	ETAT	025	OEST.ELEKTRIZITAETS WIRTSCHAFTS AG
026	OESTERREICHISCHE DRAUKRAFTWERKE AG	027	VORARLBERGER KRAFTWERKE AG
028	TAUERNKRAFTWERKE AG	029	KTN ELEKTRIZITAETS AG
030	OBEROESTERREICHISCHE KRAFTWERKE AG	031	BUNDESMINISTERIUM FUR AUSWARTIGE ANGELEGENHEITEN
032	EMBASSY OF USSR, VIENNA	033	LAUDA AIR GMBH
034	LINZER ELEKTRIZITAETS, FERN-WAERME U VERKEHRSBETRIEBE A.G.	035	SBG ELEKTRIZITAETS A.G.
036	TIR WASSERKRAFTWERKE A.G.	037	STMK ELEKTRIZITAETS A.G.
038	NEWAG-NIOGAS A.G.	039	LANDESGENDARMERIE KDO FUR VORARLBERG, BREGENZ
040	AMT DER VORARLBERGER LANDESREGIERUNG, BREGENZ	041	LANDESFUEHRWEHR KDO BURGENLAND
042	LANDESFUEHRWEHRVERBAND SALZBURG	043	AMT DER STMK LANDESREGIERUNG
044	OESTERREICHISCHE MINERALOEL VERWALTUNG	045	BEWAG
046	BEGAS	047	VORARLBERGER ILLWERKE
048	OEST. BAYER KRAFTWERKE AG	049	OESTERREICHISCHE BUNDESBAHNEN
050	OESTERREICHISCHE DONAUKRAFTWERKE AG.	051	INSTITUTE OF COMMUNICATION NETWORKS AND SATELLITE COMMUNICATIONS

<b>AZE</b>	Azerbaijan	
------------	------------	--

**A** MINISTRY OF COMMUNICATIONS AND HIGH TECHNOLOGIES  
77 ZARIFA ALIYEVA ST.  
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TELEX: 064 142105 INAM SU  
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PHONE: +994 12 493 45 44

001 MINISTRY OF COMMUNICATIONS

<b>AZR</b>	Azores	
------------	--------	--

**A** AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM)  
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EMAIL: edge@anacom.pt  
EMAIL: itu.affairs@anacom.pt

**B** ESTADO-MAIOR-GENERAL DAS FORCAS ARMADAS  
(DIRECAO DE COMUNICACOES E SISTEMAS DE INFORMACAO)  
AVENIDA ILHA DA MADEIRA, 1  
1400-204 LISBOA

001	AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM)	002	ESTADO-MAIOR GENERAL DAS FORCAS ARMADAS
003	AUTORIDADE NACIONAL DE AVIACAO CIVIL	004	DIRECAO GERAL DE RECURSOS NATURAIS, SEGURANCA E SERVICOS MARITIMOS
006	RADIO E TELEVISAO DE PORTUGAL, S.A.	007	MEO - SERVICOS DE COMUNICACOES E MULTIMEDIA, S.A.

<b>B</b>	Brazil	
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**A** ANATEL - AGENCIA NACIONAL DE TELECOMUNICACOES  
ASSESSORIA INTERNACIONAL  
SAS Q.06 - BLOCO H - 5 ANDAR  
70070-940 BRASILIA DF  
BRAZIL  
TELEFAX: +55 61 2312 2244  
TELEX: 038611424 MITT BR

## SECTION IV - Table 12A/12B

<b>B</b>	Brazil	
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520	
001	MINISTERE DE LA MARINE	002 MINISTERIO DA GUERRA
003	SUERDIECK S.A.	004 ERNANI PAIVA
005	CIA NACIONAL DE CIMENTO PORTLAND	006 S.A. MINERACAO DA TRINDADE
007	MINERACAO SERTANEJA S.A.	008 DIRETORIA DE ROTAS AEREAS
009	RAPIDO NOROESTE LTDA	010 EXPRESSO BRAGA LTDA
011	EXPRESSO ARACATUBA LTDA	012 VIACAO JAUENSE LTDA
013	EMPRESA DE TRANSPORTES "ATLAS" LTDA	014 TRANSPORTADORA AURORA LTDA
015	VIACAO ITAPEMIRIM S.A.	016 BRASILIA IMPREIAL TURISMO E TRANSPORTES LTDA
017	EMPRESA VIACAO SAO GERALDO LTDA	018 EXPRESSO PRINCESA DOS CAMPOS S.A.
019	BOSCA S.A. TRANSPORTE COMERCIO E REPRESENTACOES	020 RODOVIARIO CACULA LTDA
021	EMPRESA DE TRANSPORTE ANDORINHA S.A.	022 VIACAO AGUIA BRANCA LTDA
023	ALEXANDRE REZENDE E CIA LTDA	024 EMPRESA VIACAO BONFIM LTDA
025	AUTO VIACAO PROGRESSO S.A.	026 EXPRESSO MARINGA S.A.
027	VIACAO SAO JORGE IMPORTADORA LTDA.	028 ABILIO PINTO GONTIJO
029	RAPIDO PINHAL S.A.	030 VIACAO MOTTA LTDA
031	EMPRESA DE TRANSPORTE BRASIL LTDA	032 JOSE ALVES PEREIRA E CIA LTDA
033	TRANSPORTADORA SULINA LTDA	034 TURISMO MAGELI LTDA
035	UNICA ONIBUS S.A.	036 VASP (VP)
037	CRUZEIRO (SC)	038 VARIG (RG)
039	CENTRO	040 TASA (XL)
041	GOV. DO EST. DE PERNAMBUCO	042 QD
043	EMBRATEL EMPRESA BRASILEIRA DE TELECOMUNICACOES	044 TELECOMUNICACOES BRASILEIRAS S.A. TELEBRAS
045	IRIDIUM SUDAMERICA BRASIL LTDA	046 INSTITUTO NACIONAL DE PESQUISA ESPACIAL - INPE
047	MINISTÉRIO DA DEFESA	048 HISPAMAR SATÉLITES S.A.
049	LORAL SKYNET DO BRASIL	050 AGENCIA NACIONAL DE TELECOMUNICACOES - S
051	HNS AMERICAS COMUNICACOES LTDA	052 SES DTH DO BRASIL
053	AGENCIA ESPACIAL BRASILEIRA (AEB)	054 YAH TELECOMUNICACOES LTDA
055	EUTELSAT DO BRASIL LTDA	056 VISIONA TECNOLOGIA ESPACIAL S.A.
057	TELESAT BRASIL CAPACIDADE DE SATELITES LTDA	058 ECHOSTAR 45 TELECOMUNICACOES LTDA
059	INSTITUTO TECNOLÓGICO DE AERONAUTICA (ITA)	060 UNIVERSIDADE FEDERAL DE SANTA CATARINA (UFSC)
061	O3B HORTOLANDIA EARTH STATION	062 UNIVERSIDADE DE BRASILIA (UNB)

<b>BAH</b>	Bahamas	
<b>A</b>	THE PERMANENT SECRETARY	
	OFFICE OF THE DEPUTY PRIME MINISTER	
	PUBLIC ENTERPRISES	
	P.O. BOX N - 3217	
	NASSAU	
	COMMONWEALTH OF THE BAHAMAS	
	TELEFAX: +1 242 356 7444	
	EMAIL: puc@pucbahamas.gov.bs	
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520	
001	BAHAMAS TELECOMMUNICATIONS CORPORATION	002 MINISTRY OF WORKS AND UTILITIES, NASSAU, BAHAMAS
004	P.O. BOX 48 , NASSAU, BAHAMAS	005 FEDERAL AVIATION AGENCY
007	BAHAMAS LIGHTHOUSE SERVICES	008 BAHAMAS ELECTRICITY CORP. SYSTEM
009	CIVIL AVIATION	012 BAHAMAS OIL REFINING CO.
015	ROYAL BAHAMAS POLICE FORCE	068 U.S. GOVERNMENT (DEMANDER CONFIRMATION AUX USA)
015	BAHAMASAIR	

## SECTION IV - Table 12A/12B

<b>BDI</b>	Burundi
------------	---------

- A** AGENCE DE REGULATION ET DE  
CONTROLE DES TELECOMMUNICATIONS (ARCT)  
14 AVENUE DE LA FRANCE,  
QUARTIER ROHERO I  
BP 6702  
BUJUMBURA-BURUNDI
- PHONE: +257 22 255667;+257 22 210276  
EMAIL: info@arct.gov.bi  
URL: www.arct.gov.bi  
TELEFAX: +257 22 242832
- |            |   |            |  |
|------------|---|------------|--|
| <b>001</b> | OFFICE NATIONALE DES T L COMMUNICATION<br>(ONATEL)    | <b>002</b> | RADIO ET T L VISION NATIONAL DU<br>BURUNDI (RTNB)                |
| <b>003</b> | SOCI T  DE LA T L VISION NUM RIQUE DU<br>BURUNDI      | <b>004</b> | AUTORIT  DE L'AVIATION CIVILE                                    |
| <b>005</b> | AUTORIT  MARITIME, PORTUAIRE ET<br>FERROVIAIRE (AMPF) | <b>006</b> | OPERATEURS DE LA RADIODIFFUSION SONORE<br>ET T L VISUELLE PRIV S |
| <b>007</b> | ECONET-LEO  | <b>008</b> | LACELL SU  |
| <b>009</b> | VIETTEL   | <b>010</b> | FOURNISSEURS D'ACC S   L'INTERNET                                |
| <b>011</b> | POLICE NATIONALE                                      | <b>012</b> | MINIST RE DE LA D FENSE  |
| <b>013</b> | AGENCES ONUSIENNES                                    | <b>014</b> | R SEAUX MOBILE PRIV    |
| <b>015</b> | AMBASSADES  |            |  |

<b>BEL</b>	Belgium
------------	---------

- A** INSTITUTE BELGE DES SERVICES POSTAUX ET DES  
TELECOMMUNICATIONS (IBPT)  
SERVICE DE FREQUENCES  
ELLIPE BUILDING BATIMENT C  
BOULEVARD DU ROI ALBERT II 35  
1030 BRUXELLES  
TELEFAX: +32 2 2268882  
TELEX: 046 29154 GENTL B
- B** TURK TELEKOMUNIKASYON A.S.  
SATELLITE COMMUNICATIONS DEPARTMENT  
ZIRAAT MAHALLESİ  
TURGUT OZAL BULVARI  
06103 ANKARA / TURQUIE  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- C** FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC  
FREQUENCY OFFICE  
ARSENAL, OBJEKT 22, POB 79  
A-1103 WIEN / AUSTRIA  
TELEX: 131 800 MONI A
- |            |   |            |   |
|------------|---|------------|---|
| <b>001</b> | REGIE DES TELEGRAPHES ET DES<br>TELEPHONES          | <b>002</b> | BELGOCONTROL  |
| <b>003</b> | ETAT  | <b>004</b> | STATION GOUVERNEMENTALE                                   |
| <b>005</b> | ADMINISTRATION MARINE                               | <b>006</b> | OSTERREICHISCHE BOTSCHAFT                                 |
| <b>007</b> | INTERCOMMUNALE DES EAUX, GAND                       | <b>008</b> | UNIVERSITES ET CONSTRUCTEURS                              |
| <b>009</b> | EMBASSY OF THE REPUBLIC OF TURKEY                   | <b>010</b> | SOCIETE NATIONALE DES CHEMINS DE FER<br>BELGES, BRUXELLES |
| <b>011</b> | AMBASSADE DE LA REPUBLIQUE<br>DEMOCRATIQUE DU CONGO | <b>012</b> | RADIODIFFUSION TELEVISION BELGE (RTB-<br>F)               |
| <b>013</b> | ADMINISTRATION COMMUNALE                            | <b>014</b> | SOCIETE ANONYME "BRABO", ANVERS                           |
| <b>015</b> | MINISTERE DES AFFAIRES ETRANGERES                   | <b>016</b> | INSTITUT ROYAL METEOROLOGIQUE                             |
| <b>017</b> | OBSERVATOIRE ROYAL DE BELGIQUE                      | <b>018</b> | BELGISCHES RUNDFUNK- UND<br>FERNSEHZENTRUM (BRF)          |
| <b>019</b> | COMMUNAUTE ECONOMIQUE EUROPEENNE (CEE)              | <b>023</b> | S.A. METALLURGIQUE D'ESPERANCE LONGDOZ<br>A LIEGE         |
| <b>024</b> | S.A. "ESSO STANDARD REFINERY" ANVERS                | <b>025</b> | SOCIETE D'ELECTRICITE                                     |
| <b>030</b> | EXPEDITION BELGE DANS L'ANTARCTIQUE                 | <b>031</b> | AMBASSADE DE YUGOSLAVIE                                   |
| <b>032</b> | BELGISCHES RADIO EN TELEVISIE (BRT)                 | <b>033</b> | "ESA" EUROPEAN SPACE AGENCY                               |
| <b>034</b> | AMBASSADE DE LA REPUBLIQUE POPULAIRE<br>D'ANGOLA    | <b>035</b> | AMBASSADE D'IRLANDE                                       |
| <b>036</b> | AMBASSADE DE LA REPUBLIQUE DU CONGO                 | <b>039</b> | AMBASSADE DU BENIN  |

## SECTION IV - Table 12A/12B

<b>BEL</b>	Belgium
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040	AMBASSADES	041	STATION DE RADIODIFFUSION SONORE PRIVEE
042	SOCIETE DE TRANSPORT	043	ORGANISMES HUMANITAIRES
044	SAIT	045	SOCIETES DIVERSES
046	MOBISTAR	047	Ministère de la Défense Nationale
048	TELENOR satellite Services A/S	049	HOPITAL
050	MINISTERE DE LA COMMUNAUTE FLAMANDE	051	AEROSPACE LAB

<b>BEN</b>	Benin
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<b>A</b>	AUTORITE TRANSITOIRE DE REGULATION DES POSTES ET TELECOMMUNICATIONS (ATRPT) 01 BP 2034 COTONOU BENIN PHONE: +229 21 31 01 65 EMAIL: contacts@atrpt.bj TELEFAX: +229 21 31 00 67		
<b>B</b>	BENIN TELECOMS S.A. (BTSA) DIRECTION GENERALE 01 BP 5959 COTONOU TELEFAX: +229 21 31 38 43 PHONE: +229 21 31 20 45		
<b>C</b>	COMPAGNIE FRANCAISE DE CABLES SOUS-MARINS ET DE RADIO (FRANCE CABLES ET RADIO) 7, RUE DU QUATRE-SEPTEMBRE F - 75002 PARIS TELEX: FCR X 220731F		
001	MINISTERE DE LA DEFENSE NATIONALE (MDEF)	002	PORT AUTONOME DE COTONOU (PAC)
003	AUTORITE TRANSITOIRE DE REGULATION DES POSTES ET TELECOMMUNICATIONS (ATRPT)	004	AGENCE NATIONALE DE L'AVIATION CIVILE (ANAC)
005	SOCIETE FRANCE CABLES ET RADIO	006	ASECNA B.P. 96
007	BENIN TELECOM SA (BTSA)	008	HAUTE AUTORITE DE L'AUDIOVISUEL ET LA COMMUNICATION (HAAC)
009	MINISTERE DE LA COMMUNICATION ET DES TECHNOLOGIES DE L'INFORMATION ET DE LA COMMUNICATION (MCTIC)	014	INSTITUT GEOGRAPHIQUE NATIONAL (IGN)
015	MINISTERE DE L'INTERIEUR ET DE LA SECURITE PUBLIQUE (MISP)	016	OFFICE DE RADIODIFFUSION ET DE TELEVISION DE BENIN (ORTB)

<b>BER</b>	Bermuda
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<b>A</b>	THE COLONIAL POSTMASTER, GENERAL POST OFFICE, HAMILTON, BERMUDA		
<b>B</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SEA 9HA TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100		
<b>C</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
001	CABLE AND WIRELESS (W.I.) LTD. LONDON	002	UNITED KINGDOM GOVERNMENT
004	BERMUDA BROADCASTING CO. LTD.	005	BERMUDA GOVT.
007	BERMUDA BOARD OF TRADE	008	DEPARTMENT OF MARINE AND PORT SERVICES

## SECTION IV - Table 12A/12B

<b>BES</b>	Bonaire, St. Eustatius and Saba
------------	---------------------------------

**A** MINISTRY OF ECONOMIC AFFAIRS, AGRICULTURE AND INNOVATION  
RADIO COMMUNICATIONS AGENCY  
P.O. BOX 450  
9700 AL GRONINGEN  
TELEFAX: +31 50 58 77 400  
PHONE: +31 50 58 77 555  
EMAIL: info@agentschaptelecom.nl

<b>BFA</b>	Burkina Faso
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**A** AUTORITE DE REGULATION DES COMMUNICATIONS ELECTRONIQUES ET DES POSTES (ARCEP)  
01 BP. 6437 OUAGADOUGOU 01  
BURKINA FASO  
TELEFAX: +226 25 37 53 64  
EMAIL: SECRETARIAT@ARCEP.BF  
PHONE: +226 25 37 53 60/61/62  
URL: WWW.ARCEP.BF

<b>001</b>	MINISTERE DU DEVELOPPEMENT DE L'ECONOMIE NUMERIQUES ET DES POSTES	<b>002</b>	MINISTERE DE LA DEFENSE NATIONALE ET DES ANCIENS COMBATTANTS
<b>003</b>	MINISTERE DE LA SECURITE	<b>004</b>	MINISTERE DES AFFAIRES ETRANGERES, DE LA COOPERATION ET DES BURKINABE DE L'EXTERIEUR
<b>005</b>	MINISTERE DE LA COMMUNICATION ET DES RELATIONS AVEC LE PARLEMENT	<b>006</b>	MINISTERE DE L'ECONOMIE DES FINANCES ET DU DEVELOPPEMENT
<b>007</b>	CONSEIL SUPERIEUR DE LA COMMUNICATION (CSC)	<b>008</b>	AGENCE NATIONALE DE L'AVIATION CIVILE (ANAC)
<b>009</b>	AGENCE POUR LA SECURITE DE LA NAVIGATION AERIENNE (ASCENA)	<b>010</b>	AGENCE NATIONALE POUR LA PROMOTION DES TIC (ANPTIC)
<b>011</b>	INSTITUT GEOGRAPHIQUE DU BURKINA (IGB)	<b>012</b>	UNIVERSITE OUAGA 1 JOSEPH KI ZERBO
<b>013</b>	SOCIETE BURKINABE DE TELEDIFFUSION (SBT)	<b>014</b>	RADIO TELEVISION DU BURKINA (RTB)
<b>015</b>	SOCIETE NATIONALE D'ELECTRICITE DU BURKINA (SONABEL)	<b>016</b>	OFFICE NATIONALE DE L'EAU ET DE L'ASSAINISSEMENT (ONEA)
<b>017</b>	SOCIETE NATIONALE BURKINABE D'HYDROCARBURES (SONABHY)	<b>018</b>	CENTRALE D'ACHAT DES MEDICAMENTS ESSENTIELS GENERIQUES (CAMEG)
<b>101</b>	AMBASSADE DE FRANCE, OUAGADOUGOU	<b>102</b>	AMBASSADE DES ETATS-UNIS D'AMERIQUE, OUAGADOUGOU
<b>103</b>	AMBASSADE DE BELGIQUE A OUAGADOUGOU	<b>104</b>	AMBASSADE DU CANADA, OUAGADOUGOU
<b>105</b>	AMBASSADE DE COTE D'IVOIRE, OUAGADOUGOU	<b>106</b>	AMBASSADE DU NIGERIA, OUAGADOUGOU
<b>107</b>	AMBASSADE D'ALGERIE, OUAGADOUGOU	<b>108</b>	AMBASSADE D'ARABIE SAOUDITE, OUAGADOUGOU
<b>109</b>	BUREAU DE LA COOPERATION SUISSE, OUAGADOUGOU	<b>151</b>	CROIX ROUGE BURKINABE, OUAGADOUGOU
<b>152</b>	OMS OUAGADOUGOU	<b>153</b>	ACTION CONTRE LA FAIM (ACF) OUAGADOUGOU
<b>154</b>	HCR OUAGADOUGOU	<b>155</b>	PLAN INTERNATIONAL BURKINA OUAGADOUGOU
<b>156</b>	BANQUE MONDIALE OUGADOUGOU	<b>157</b>	BANQUE CENTRALE DES ETATS D'AFRIQUE DE L'OUEST (BCEAO)
<b>158</b>	COMMISSION DE L'UNION ECONOMIQUE ET MONETAIRES OUEST AFRICAINE (UEMOA) OUAGADOUGOU	<b>201</b>	ONATEL SA
<b>202</b>	ORANGE BURKINA SA	<b>203</b>	TELETEL FASO SA
<b>204</b>	SITARAIL	<b>205</b>	INTERNET PUISSANCE PLUS (IP PLUS)
<b>206</b>	SKYVISION	<b>207</b>	ALINK TELECOM
<b>208</b>	UNICOM SA	<b>209</b>	IPSYS
<b>210</b>	NEERWAY MULTIVISION		



## SECTION IV - Table 12A/12B

<b>BGD</b>	Bangladesh
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- A** BANGLADESH TELECOMMUNICATIONS REGULATORY COMMISSION (BTRC)  
GOVT. OF THE PEOPLE'S REPUBLIC OF BANGLADESH  
HOUSE # 10, ROAD # 135, GULSHAN # 1,  
DHAKA - 1212  
PHONE: +880 2 716 2160  
EMAIL: trcproj@bttb.net.bd  
TELEFAX: +880 2 9890029  
TELEX: 0780/ 672727BTTB BJ OR 632056
- B** THE DIRECTOR-GENERAL  
UNITED NATIONS OFFICE AT GENEVA  
(FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS SERVICE)  
PALAIS DES NATIONS  
CH - 1211 GENEVE 10  
TELEFAX: +41 22 9170123  
TELEX: +45 412962 UNO CH
- C** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 54 40777 RADCON S
- |            |                           |            |   |
|------------|---------------------------|------------|---|
| <b>001</b> | SWEDISH GOVERNMENT        | <b>002</b> | RADIO BANGLADESH CEBROCAST                      |
| <b>003</b> | DEPARTMENT CIVIL AVIATION | <b>004</b> | BANGLADESH TELEGRAPH AND TELEPHONE BOARD (BTTB) |

<b>BHR</b>	Bahrain
------------	---------

- A** DIRECTORATE OF WIRELESS LICENSING, FREQUENCY & MONITORING - INFORMATICS & EGOVERNMENT AUTHORITY  
P.O. BOX 26627  
MANAMA  
KINGDOM OF BAHRAIN  
TELEFAX: +973 17 715030  
EMAIL: DWLFM@iga.gov.bh
- B** MINISTRY OF TRANSPORTATION AND TELECOMMUNICATIONS  
10325 MANAMA  
KINGDOM OF BAHRAIN  
EMAIL: musab.abdulla@mtt.gov.bh  
TELEFAX: +973 17 321135
- C** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- |            |                                      |            |   |
|------------|--------------------------------------|------------|---|
| <b>001</b> | UNITED KINGDOM GOVERNMENT            | <b>002</b> | BAHRAIN TELECOMMUNICATIONS COMPANY      |
| <b>003</b> | BAHRAIN STATE ELECTRICITY DEPARTMENT | <b>005</b> | AERADIO TECHNICAL SERVICES LTD.         |
| <b>006</b> | AIRCRAFT SERVICES (GULF) LTD.        | <b>007</b> | MIDDLE EAST NAVIGATION AIDS SERVICES    |
| <b>008</b> | BAHRAIN GOVERNMENT                   | <b>010</b> | YUSUF BIN AHMED KANOO (SHIPPING AGENCY) |
| <b>013</b> | BAHRAIN STATE POLICE                 | <b>015</b> | BAHRAIN PETROLEUM CO. LTD.              |
| <b>016</b> | BRITISH AIRWAYS                      | <b>017</b> | CIVIL AVIATION DIRECTORATE              |
| <b>018</b> | GULF AIR                             | <b>021</b> | BROWN AND ROOT S.A.                     |
| <b>023</b> | AWAL CONTRACTING AND TRADING CO.     | <b>024</b> | BP ARABIAN AGENCIES (BAHRAIN)           |
| <b>025</b> | MINISTRY OF INFORMATION              | <b>026</b> | EMBASSY OF PAKISTAN, MANAMA             |
| <b>029</b> | FRENCH EMBASSY, BAHRAIN              | <b>030</b> | AUSTRALIAN CONSULATE                    |
| <b>031</b> | EMBASSY OF JORDON, BAHRAIN           | <b>033</b> | INDIAN EMBASSY, BAHRAIN                 |

## SECTION IV - Table 12A/12B

<b>BIH</b>	Bosnia and Herzegovina
------------	------------------------

- A** COMMUNICATIONS REGULATORY AGENCY (RAK)  
 MEHMEDA SPAHE 1  
 71 000 SARAJEVO  
 BOSNIA AND HERZEGOVINA  
 TELEFAX: +387 33 713 080  
 EMAIL: info@rak.ba  
 PHONE: +387 33 250 600
- |            |                                     |            |  |
|------------|-------------------------------------|------------|--|
| <b>004</b> | RADIOTELEVIZIJA BOSNE I HERCEGOVINE | <b>015</b> | PUBLIC ENTERPRISE PTT BOSNIA-HERZEGOVINA       |
| <b>023</b> | UPRAVA CIVILNOG VAZDUHOPLOVSTVA     | <b>024</b> | SECRETARIAT DU TRANSPORT ET DES COMMUNICATIONS |
| <b>026</b> | DIRECTION HYDROMETEOROLOGIQUE       | <b>030</b> | CHEMIN DE FER                                  |

<b>BIO</b>	Chagos Islands (Indian Ocean)
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- A** INTERNATIONAL FREQUENCY COORDINATION  
 SPACE SERVICES UNIT  
 OFCOM  
 2A SOUTHWARK BRIDGE ROAD  
 LONDON SE1 9HA  
 TELEX: 051261969 DTI WBH G  
 TELEFAX: +44 20 7981 3208  
 EMAIL: ifc.enquiries@ofcom.org.uk  
 PHONE: +44 20 7981 3100

<b>BLM</b>	Code to be used to indicate geographical area on or after 15.04.2010 designating Saint Bartholomew (French Department of).
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- A** MONSIEUR LE DIRECTEUR GENERAL  
 AGENCE NATIONALE DES FREQUENCES  
 78, AVENUE DU GENERAL DE GAULLE - BP400  
 94704 MAISONS ALFORT CEDEX  
 FRANCE  
 EMAIL: earthcoord@anfr.fr (Stations terriennes)  
 EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)  
 EMAIL: tercoord@anfr.fr (Services de Terre)  
 TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
 TELEFAX: +33 1 45 18 73 90 (Stations terriennes)  
 TELEFAX: +33 1 45187231
- |            |                                     |            |   |
|------------|-------------------------------------|------------|---|
| <b>001</b> | FORCES TERRESTRES                   | <b>002</b> | ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS |
| <b>003</b> | CONSEIL SUPERIEUR DE L' AUDIOVISUEL | <b>004</b> | AVIATION CIVILE                                 |
| <b>005</b> | SURETE NATIONALE                    | <b>006</b> | METEOROLOGIE NATIONALE                          |
| <b>007</b> | STATIONS SOUS CONTROLE P.T.T.       | <b>008</b> | MINISTERE DE L' INTERIEUR                       |
| <b>009</b> | DEFENSE NATIONALE                   | <b>010</b> | AERONAUTIQUE MILITAIRE FRANCAISE                |
| <b>011</b> | GENDARMERIE NATIONALE               | <b>012</b> | MARINE NATIONALE                                |
| <b>019</b> | PHARES ET BALISES                   | <b>034</b> | AUTORITE DE REGULATION DES TELECOMMUNICATIONS   |

<b>BLR</b>	Belarus
------------	---------

- A** MINISTRY OF COMMUNICATIONS AND INFORMATIZATION  
 INFORMATICS  
 10, F. SKARYNA AVE.  
 220050 MINSK  
 REPUBLIC OF BELARUS  
 TELEFAX: +375 17 227 2157  
 TELEX: 0681 252964 a ptb by
- |            |                                  |            |              |
|------------|----------------------------------|------------|--------------|
| <b>001</b> | POSTS, TELEGRAPHS AND TELEPHONES | <b>002</b> | INTERSPUTNIK |
|------------|----------------------------------|------------|--------------|

## SECTION IV - Table 12A/12B

<b>BLR</b>	Belarus		
003	GEOGRAPHIC INFORMATION SYSTEMS	004	MINISTRY OF COMMUNICATIONS AND INFORMATIZATION OF THE REPUBLIC OF BELARUS
005	BELINTERSAT		

<b>BLZ</b>	Belize		
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**A** DIRECTOR OF TELECOMMUNICATIONS  
OFFICE OF TELECOMMUNICATIONS  
P.O. BOX 310  
BELIZE CITY  
BELIZE  
TELEFAX: +501 2 24939  
TELEX: 0371246 BTL BZ

**B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.ork.uk  
PHONE: +44 20 7981 3100

001 BELIZE TELECOMMUNICATION AUTHORITY  
003 BROADCASTING DEPARTMENT  
005 CABLE AND WIRELESS PLC  
007 NATIONAL METEOROLOGICAL SERVICE

002 BELIZE DEFENCE FORCE  
004 CIVIL AVIATION DEPARTMENT  
006 BELIZE SUGAR INDUSTRIES  
008 BELIZE WEATHER BUREAU

<b>BOL</b>	Bolivia		
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**A** MINISTERIO DE OBRAS PUBLICAS, SERVICIOS Y VIVIENDA  
VICEMINISTERIO DE TELECOMUNICACIONES  
PALACIO DE TELECOMUNICACIONES, PISO 13  
AVDA, MARISCAL SANTA CRUZ, ESQUINA ORURO  
CASILLA 9063  
LA PAZ  
TELEFAX: +591 2 211 5701  
PHONE: +591 2 231 1010  
EMAIL: rmendez@oopp.gov.bo

002 LAB  
004 FRIG. ANDES  
006 FRIG. SUAREZ  
008 WEST COAST OF AMERICA TELEGRAPH CO. LTD.  
010 ALL AMERICA CABLES AND RADIO  
  
012 SERVAL  
  
014 CORPORACION MINERA DE BOLIVIA  
016 MINISTERIO DE DEFENSA NACIONAL  
018 MINISTERIO DE AGRICULTURA Y METEOROLOGIA  
020 DIRECCION GENERAL DEL D.I.C.  
022 DIRECCION GENERAL DE TRANSITO  
024 SERVICIO NACIONAL DE CAMINOS  
026 CORPORACION BOLIVIANA DE FOMENTO  
028 ADUANA DE LA COCA

030 COMISION MIXTA BOL-ARG. DE FERROCARRILES  
032 BANCO NACIONAL  
034 INSTITUTO GEOGRAFICO MILITAR  
036 INSTITUTO NACIONAL DE COLONIZACION  
038 EMPRESA MINERA BERNAL  
040 MINAS ATOROMA

003 PANAGRA  
005 FRIG. BALLIVIAN  
007 FUERZAS AEREAS  
009 EMPRESA NACIONAL TELECOMUNICACIONES "ENDEL"  
011 ADMINISTRACION DE AEROPUERTOS Y SERVICIOS AUXILIARES A LA NAVEGACION AEREA  
013 YACIMIENTOS PETROLIFEROS FISCALES BOLIVIANOS  
015 PRESIDENCIA DE LA REPUBLICA  
017 MINISTERIO DE GOBIERNO  
019 MINISTERIO DE SALUD PUBLICA  
  
021 DIRECCION GENERAL DEL PETROLEO  
023 EJERCITO NACIONAL  
025 EMPRESA NACIONAL DE FERROCARRILES  
027 ADUANA NACIONAL  
029 INSTITUTO NACIONAL DE SALUD OCUPACIONAL  
031 DEPARTAMENTO NACIONAL DE HIDROGRAFIA Y NAVEGACION  
033 BANCO MINERO BOLIVIANO  
035 COMITE BOLIVIANO DE FOMENTO LANERO  
037 UNIFICADA EMUSA  
039 EMPRESA MINERA TIHUA-MINAS  
041 EMPRESA MINERA SUCS. PEDRO SAN JUAN

## SECTION IV - Table 12A/12B

<b>BOL</b>	<b>Bolivia</b>		
042	EMPRESA MINERA BERTOLINI	043	EMPRESA MINERA BARROSQUIRA
044	INTERNATIONAL MINING CO.	045	EMPRESA MINERA CERRO GRANDE
046	NITTO BOLIVIAN MINING CO.	047	EMPRESA MINERA CHURQUINI
048	MISION FRANCISCANA BOLIVIANA	049	MISION NUEVAS TRIBUS
050	MISION EVANGELICA MUNDIAL	051	MISION ADVENTISTAS DEL 7. DIA
052	MISION OBLATOS	053	MISION KANSAS CITY
054	MISION ANDINA EVANGELICA	055	LIGA DE ORACION EN MISION MUNDIAL
056	IGLESIA METODISTA	057	ORDEN DE PADRES AGUSTINOS
058	OBRA DE DON BOSCO EN BOLIVIA	059	ASOC. BAUTISTA AMERICANA
060	INSTITUTO LINGUISTICO DE VERANO	061	CHANE S.A.
062	INGATORO	063	ALGODONERA BOLIVIANA
064	AZUCARERA LA ESPERANZA	065	ELSNER HERMANOS
066	GANADERIA LA ESPERANZA	067	MATADERO SAN LORENZO
068	SOC. GANADERA SUIZO-BOLIVIANA	069	SOC. AGRICULTORA DE CINTI
070	PROYECTO DE NN.UU. DE AGUAS SUBTERRANEAS EN EL ALTIPLANO	071	LUMBER LTDA.
072	BRANIFF	073	A.P.S.A.
074	RUTAS AEREAS "UNCIA"	075	PERFORADORA BOLIVIANA LTDA
076	EQUIPO PETROLERO LTDA	077	SERVICIOS PETROLEROS BOLIVIANOS
078	MAT PETROL LTDA	079	SERVICIO GEODESICO INTERAMERICANO
080	EMPRESA CONSTRUCTORA "BARTOS"	081	WILLIAMS BROTHERS
082	COPER S.A.	083	EMPRESA CONSTRUCTORA JOSE MENDEZ JUNIOR S.A.
084	TIPPETS-ABBOT - MCCARTHY-STRATON	085	MISION MILITAR AMERICANA
086	MISION AEREA DE EE.UU.	087	EJERCITO DE EE.UU.
088	SERVICIO DE INMIGRACION JAPONESA	089	RED RURAL "BENI"
090	RED RURAL "ORIENTE"	091	COMPANIA BOLIVIANA DE ENERGIA ELECTRICA (POWER)
092	EMPRESA NACIONAL DE ELECTRICIDAD	093	COMPANIA MINERA DEL SUR
094	SEILER Y CIA	095	MANUEL SAAVEDRA ANEZ
096	JAIME JIMENEZ	097	LANDIVAR HERMANOS
098	CRILLON TOURS	099	ESTALSA
101	CIBAL	102	ARMANDO CUELLAR
103	GASSER Y CIA	104	ALCIDES SATTORI GOMEZ
105	JOSE GUTIERREZ BASADRE	106	MOVIMA "FRIMO"
107	URSIC ORLANDINI	108	"EL DIARIO"
109	ABULARACH HERMANOS	110	CORP. PROYECTO ABAPO (CORGEPAI)
111	SOC. BOL. DE CEMENTO	112	OBERVATORIO "SAN CALIXTO"
113	LA AGENCIA BOLIVIANA ESPACIAL		
<b>BOT</b>	<b>Botswana</b>		
<b>A</b>	THE EXECUTIVE CHAIRMAN BOTSWANA TELECOMMUNICATIONS AUTHORITY (BTA) PRIVATE BAG 00495 GABORONE BOTSWANA TELEFAX: +267 3957976 TELEX: 0962 2414 PULA BD		
<b>B</b>	NATIONAL TELECOM AGENCY FREQUENCY DIVISION P.O. BOX 5398 S - 102 46 STOCKHOLM TELEX: 054 40777 RADCON S		
001	CIVIL AVIATION	002	PRIVATE
003	POLICE	004	RADIO BOTSWANA
005	BOTSWANA GOVERNMENT	006	ALASKA INTERNATIONAL AIR
007	EMBASSY OF PEOPLES REPUBLIC OF CHINA	008	NORAD- NORWEGIAN AGENCY INTERNATIONAL DEVELOPMENT
009	SWEDISH GOVERNMENT	010	THE DEPARTMENT OF UNIFIED LOCAL GOVERNMENT SERVICES, MINISTRY OF LOCAL GOVERNMENT AND LANDS

## SECTION IV - Table 12A/12B

<b>BRB</b>	Barbados
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**A** TELECOMMUNICATIONS UNIT  
DIVISION OF ENERGY & TELECOMMUNICATIONS  
THE TRINITY BUSINESS CENTRE  
PRIME MINISTER'S OFFICE  
COUNTRY ROAD  
ST.MICHAEL  
BB11081/BRIDGETOWN  
BARBADOS  
TELEFAX: +1 246 626 0960  
EMAIL: reginald.bourne@telecoms.gov.bb  
PHONE: +1 246 434 2502

**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

**C** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

<b>001</b>	LIME	<b>002</b>	INTERNATIONAL AERADIO LTD.
<b>003</b>	BARBADOS GOVERNMENT	<b>004</b>	CARIBBEAN BROADCASTING CORPORATION
<b>005</b>	HARBOUR MASTER	<b>006</b>	STARCOM NETWORK INC.
<b>007</b>	DIGICEL	<b>008</b>	TELEBARBADOS
<b>009</b>	SUNBEACH	<b>010</b>	KARIB CABLE INC.
<b>011</b>	BLUE COMMUNICATIONS	<b>012</b>	ACE COMMUNICATIONS INC.
<b>013</b>	WI-NET INC.		

<b>BRM</b>	Myanmar
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**A** POSTS AND TELECOMMUNICATIONS DEPARTMENT  
MINISTRY OF COMMUNICATIONS, POSTS AND TELEGRAPHS  
OFFICE BUILDING NO. 2  
SPECIAL DEVELOPMENT ZONE  
NAY PYI TAW  
UNION OF MYANMAR  
EMAIL: dg.ptd@mptmail.net.mm  
PHONE: +95 67 407225  
TELEFAX: +951 67 407216  
TELEX: 083 21200 GENTEL BM

<b>001</b>	INLAND WATER TRANSPORT	<b>002</b>	MYANMAR RADIO AND TELEVISION (MRTV)
<b>003</b>	MYANMAR OIL AND GAS ENTERPRISE	<b>004</b>	MYANMAR PORT AUTHORITY
<b>005</b>	MYANMAR FIVE STAR LINE	<b>006</b>	CUSTOM DEPARTMENT
<b>007</b>	FISHERIES DEPARTMENT	<b>010</b>	MYANMAR TIMBER ENTERPRISE
<b>011</b>	METEOROLOGY AND HYDROLOGY DEPARTMENT	<b>012</b>	IMMIGRATION AND NATIONAL REGISTRATION DEPARTMENT
<b>013</b>	NO. 2 MINING ENTERPRISE	<b>014</b>	NO.1 MINING ENTERPRISE
<b>015</b>	DEPARTMENT OF GEOLOGY SURVEY AND EXPLORATION	<b>016</b>	MYANMAR POSTS AND TELECOMMUNICATION
<b>017</b>	INFORMATION AND PUBLIC RELATION DEPARTMENT	<b>018</b>	DEPARTMENT OF CIVIL AVIATION
<b>019</b>	MYANMAR RAILWAYS	<b>020</b>	MYANMAR AIRWAYS
<b>032</b>	GOVERNMENT		

## SECTION IV - Table 12A/12B

<b>BRU</b>	Brunei Darussalam
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**A** AUTHORITY FOR INFO-COMMUNICATIONS TECHNOLOGY  
INDUSTRY OF BRUNEI DARUSSALAM (A.I.T.I)  
BLOCK B14, SPG 32-5, KG ANGEREK DESA, JIN BERAKAS  
BANDAR SERI BEGAWAN BB3713  
BRUNEI DARUSSALAM  
TELEFAX: +673 2382445  
TELEX: 0809 JTBHQ BU 2277  
PHONE: +673 2323232

**B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

<b>001</b>	GOVERNMENT	<b>002</b>	U.K. GOVERNMENT
<b>003</b>	RADIO TELEVISION BRUNEI	<b>004</b>	TELECOMMUNICATIONS DEPT.
<b>005</b>	BRUNEI SATELLITES SDN BHD	<b>006</b>	LARKSAT LIMITED

<b>BTN</b>	Bhutan
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**A** MINISTRY OF INFORMATION & COMMUNICATIONS  
POST BOX NO. 278  
THIMPHU  
PHONE: +975 2 322 144 / 567  
EMAIL: yonten@gmail.com  
TELEFAX: +975 2 326 180  
TELEX: 0890233 mincomtpu.bt

**001** MINISTRY OF COMMUNICATION, BHUTAN

<b>BUL</b>	Bulgaria
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**A** MINISTRY OF TRANSPORT, INFORMATION TECHNOLOGY AND  
COMMUNICATIONS  
9, DIAKON IGNATII STREET  
1000 SOFIA  
REPUBLIC OF BULGARIA  
TELEFAX: +359 2 981 8700  
TELEX: 067 22846 GENDEL BG  
PHONE: +359 2 949 23 35  
EMAIL: jtentcheva@daitis.government.bg

<b>001</b>	BULGARIAN TELECOMMUNICATIONS COMPANY (BTC) LTD.	<b>002</b>	BULGARIA SAT AD
<b>003</b>	ASSOCIATION TSIOLKOVSKY	<b>004</b>	SOLAR SPACE LTD.

<b>CAF</b>	Central African Republic
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**A** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AV. DU GENERAL DE GAULLE - BP400  
94 704 MAISONS ALFORT CEDEX  
FRANCE  
TELEFAX: +33 1 45187231

## SECTION IV - Table 12A/12B

<b>CAF</b>	Central African Republic		
<b>B</b>	DIRECTION GENERALE DES TELECOMMUNICATIONS OFFICE CENTRAFRICAIN DES POSTES ET TELECOMMUNICATIONS IMMEUBLE BANGUI SICA II AVENUE DES MARTYRS BANGUI / REPUBLIQUE CENTRAFRICAINE TELEX: 0971 5245 RC		
<b>C</b>	COMPAGNIE FRANCAISE DE CABLES SOUS-MARINS ET DE RADIO (FRANCE CABLES ET RADIO) 7, RUE DU QUATRE-SEPTEMBRE F - 75002 PARIS TELEX: FCR X 220731F		
<b>001</b>	FORCES TERRESTRES FRANCAISES	<b>002</b>	COMMISSARIAT A L'ENERGIE ATOMIQUE
<b>003</b>	AERONAUTIQUE MILITAIRE FRANCAISE	<b>004</b>	AERONAUTIQUE CIVILE (A.S.E.C.N.A.)
<b>006</b>	CIE FRANCE CABLE ET RADIO	<b>008</b>	OFFICE EQUATORIAL DES POSTES ET TELECOMMUNICATIONS
<b>010</b>	RESEAU DE SECURITE ET DE GENDARMERIE NATIONALE	<b>013</b>	SOCIETES ET CIES PRIVEES CONTROLEES PAR L'OFFICE EQUATORIAL DES P. ET T.
<b>014</b>	RADIODIFFUSION NATIONALE	<b>016</b>	ARMEE NATIONALE
<b>CAN</b>	Canada		

<b>A</b>	INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA 235 QUEEN STREET OTTAWA, ONTARIO K1A 0H5 EMAIL: For Satellite networks: Attn. The Director General, Engineering, Planning and Standards Branch IC.SatCoord-CoordSat.IC@Canada.ca TELEFAX: +1 613 952 9871 EMAIL: For Earth stations or terrestrial stations: Attn. The Director General, Spectrum Management operations ic.canada-canada.ic@canada.ca		
<b>B</b>	INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA 235 QUEEN STREET OTTAWA, ONTARIO K1A 0H5 TELEFAX: +1 613 952 9871 EMAIL: For Satellite networks: Attn. The Director General, Engineering, Planning and Standards Branch IC.SatCoord-CoordSat.IC@Canada.ca TELEX: 021 053 4123 comtel ott EMAIL: For Earth stations or terrestrial stations: Attn. The Director General, Spectrum Management operations ic.canada-canada.ic@canada.ca		
<b>001</b>	ALGONQUIN RADIO OBSERVATORY	<b>002</b>	DOMINION RADIO ASTROPHYSICAL OBSERVATORY
<b>003</b>	TELESAT CANADA	<b>004</b>	TELEGLOBE CANADA INC.
<b>005</b>	TELESAT MOBILE INC.	<b>006</b>	CANADIAN SPACE AGENCY
<b>007</b>	INDUSTRY CANADA/DGEPs	<b>008</b>	LARKSAT LIMITED
<b>009</b>	DEPARTMENT OF NATIONAL DEFENCE	<b>010</b>	MACDONALD, DETTWILER AND ASSOCIATES LTD.
<b>011</b>	ORBCOMM CANADA INC	<b>012</b>	IRIDIUM CANADA COMMUNICATIONS INC
<b>013</b>	GOVERNMENT OF CANADA	<b>014</b>	INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA
<b>015</b>	MOBILE SATELLITE VENTURES (CANADA) INC	<b>016</b>	CIEL SATELLITE COMMUNICATIONS INC
<b>017</b>	UNIVERSITY OF TORONTO	<b>018</b>	SATELITES MEXICANOS, S.A. DE C.V.
<b>019</b>	COM DEV INTERNATIONAL LTD.	<b>020</b>	CIEL SATELLITE LIMITED PARTNERSHIP
<b>021</b>	EXACTEARTH LTD	<b>022</b>	95W CANADIAN SATELLITE COMMUNICATIONS INC.
<b>023</b>	GHGSAT INC	<b>024</b>	GAMMA ACQUISITIONS CANADA ULC
<b>025</b>	1021823 B.C. LTD	<b>026</b>	NORTHPOINT SPECTRUM DEVELOPMENT
<b>027</b>	LIGADO NETWORKS	<b>028</b>	AIREON CANADA LTD
<b>029</b>	MERIDIAN GLOBAL CONNECTION INC.	<b>030</b>	KEPLER COMMUNICATIONS INC.
<b>031</b>	NORTHSTAR	<b>032</b>	NEW SPECTRUM SATELLITE, LTD.
<b>033</b>	YORK UNIVERSITY	<b>034</b>	CONCORDIA UNIVERSITY
<b>035</b>	SHERBROOKE UNIVERSITY	<b>036</b>	UNIVERSITY OF VICTORIA
<b>037</b>	UNIVERSITY OF PEI	<b>038</b>	SPACEQUEST CANADA INC.
<b>039</b>	MCMASTER UNIVERSITY	<b>040</b>	MYRIOTA CANADA

## SECTION IV - Table 12A/12B

<b>CBG</b>	Cambodia
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**A** SECRETARY OF STATE  
 MINISTRY OF POSTS AND TELECOMMUNICATIONS (MPTC)  
 CORNER OF STREETS 13 AND 102  
 SANGKAT WATT PHNOM  
 PHNOM PENH  
 KINGDOM OF CAMBODIA  
 TELEFAX: +855 23 426011  
 PHONE: +855 23 426 832

<b>001</b>	OFFICE DES POSTES ET TELECOMMUNICATIONS	<b>002</b>	MINISTERE DE L'INFORMATION
<b>003</b>	AERONAUTIQUE CIVILE	<b>008</b>	FORCES TERRESTRES
<b>009</b>	AVIATION CIVILE	<b>010</b>	MARINE NATIONALE

<b>CHL</b>	Chile (except Easter Island)
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**A** SUBSECRETARIA DE TELECOMUNICACIONES  
 MINISTERIO DE TRANSPORTES Y  
 TELECOMUNICACIONES  
 AMUNATEGUI 139  
 SANTIAGO DE CHILE  
 PHONE: +56 2 421 3503 / 3681  
 TELEFAX: +56 2 421 3553

<b>001</b>	COMPANIA INTERNACIONAL DE RADIO CHILE, S.A.	<b>002</b>	CHILE EXPLORATION CO.
<b>003</b>	DIRECCION GENERAL DE CORREOS Y TELEGRAFOS	<b>004</b>	PRESS WIRELESS CHILENA
<b>005</b>	SERVICIO DE GOBIERNO	<b>006</b>	CIA FRIGORIFICO TRES PUENTES
<b>007</b>	SOC. PERIODISTICA DEL SUR	<b>008</b>	FERROCARRILES DEL ESTADO
<b>009</b>	DEPTO. DE CAMINOS	<b>010</b>	EMPRESA CONST. DELTA
<b>011</b>	COMPANIA DE TELEFONOS DE MAGALLANES	<b>012</b>	CORPORACION DE FOMENTO DE LA PRODUCCION
<b>013</b>	GUILLERMO PORTALES VICUNA	<b>014</b>	EMPRESA NACIONAL DE ELECTRICIDAD (ENDESA)
<b>015</b>	DEPTO. DE RIEGO	<b>016</b>	DEPTO. DE PUERTOS
<b>017</b>	ENAMI	<b>018</b>	BOYS SCOUT DE CHILE
<b>019</b>	EMPRESA NACIONAL DE PETROLEO	<b>020</b>	TELEGRAFO COMERCIAL
<b>022</b>	SOCIEDAD DE TURISMO Y HOTELES DE CHILE	<b>023</b>	CIA ACERO DEL PACIFICO
<b>024</b>	SOCIEDAD GANADERA GENTE GRANDE	<b>025</b>	CIA SALITRERA GIANOLI MUSTAKIS
<b>026</b>	CIA CHILENA DE ELECTRICIDAD	<b>027</b>	COMUNIDAD IRARRAZAVAL
<b>028</b>	SOC. AGRICOLA Y MADERERA RELECO	<b>029</b>	JORGE CHADWICK
<b>030</b>	CARLOS VIAL	<b>031</b>	CIA SALITRERA TARAPACA Y ANTOFAGASTA
<b>032</b>	FABRICA DE CEMENTO MELON	<b>033</b>	SOC. AGRICOLA LA ROSA
<b>034</b>	SUC. ROTH	<b>035</b>	SOC. ARROCERA INDUSTRIAL COLCHAGUA
<b>036</b>	JOAQUIN PATINO	<b>037</b>	FERNANDO MARDONES
<b>038</b>	JUVENAL MORENO B.	<b>039</b>	JORGE PETRINOVIC
<b>040</b>	TRANSRADIO CHILENA	<b>041</b>	SOC. CONSTRUCTORA GUZMAN VIAL
<b>042</b>	RAFAEL ARISTIA	<b>043</b>	SOC. CEMENTO CERRO BLANCO
<b>044</b>	CIA SALITRERA ANGLO LAUTARO	<b>045</b>	LADISLAO BRAVO
<b>046</b>	LUIS DOUSSOULIN	<b>047</b>	MARIO CERDA
<b>048</b>	CIA MINERA CERRO NEGRO	<b>049</b>	EUGENIO SUAREZ
<b>050</b>	SOC. AGRICOLA Y GANADERA LOS VILOS	<b>051</b>	CLUB ANDINO OSORNO
<b>052</b>	INDUSTRIA MADERERA BIMA	<b>053</b>	CIA MINERA PUNITAQUI
<b>054</b>	ARTURO ARISCAIN	<b>055</b>	SOCIEDAD ANONIMA AGRICOLA Y GANADERA
<b>056</b>	ENRIQUE GARDEWEG	<b>057</b>	VICTOR WIREN
<b>058</b>	CARLOS STREETER	<b>059</b>	JORGE CABALLERO
<b>060</b>	VINA CASA BLANCA	<b>061</b>	SOC. BENITEZ, ELGUETA Y CIA
<b>062</b>	ANIBAL GREZ	<b>063</b>	COMUNIDAD KUSTMANN
<b>064</b>	ALFREDO REED	<b>065</b>	FABRICA NACIONAL DE CARBURO Y METALURGIA
<b>066</b>	EMPRESA CONSTRUCTORA "DESCO"	<b>067</b>	JAIME CERDA
<b>068</b>	RICARDO BASCUNAN	<b>069</b>	FRANCISCO CUEVAS M.
<b>070</b>	FELIX BASSANO	<b>071</b>	PERALTA HNOS.
<b>072</b>	SOCIEDAD NACIONAL DE AGRICULTURA	<b>073</b>	SOC. RADIODIFFUSORA LA MERCANTIL
<b>074</b>	CIA AZUFRERA AUCANQUILCHA	<b>075</b>	CIA DE TELEFONOS DE CHILE
<b>076</b>	CIA CHILENA DE COMUNICACIONES, S.A.	<b>077</b>	ANTONIO CAJIAO G.
<b>078</b>	SOC. DE BROADCASTING S.N.A.	<b>079</b>	CORPORACION CHILENA DE BROADCASTING Y TELEVISION
<b>080</b>	SOC. CHILENA DE RADIODIFUSORAS S.A.	<b>081</b>	INSTITUTO O'HIGGINS
<b>082</b>	FRANCISCO BERMUDEZ	<b>083</b>	DEPTO. HIDRAULICA



## SECTION IV - Table 12A/12B

CHL	Chile (except Easter Island)		
084	COMISION RACIONADORA DE CARBON	085	CIA SALITRERA IQUIQUE
086	BERNARDO CARDONE	087	RAUL JARAS B.
088	ENRIQUE ROSSELOT	089	AGUSTIN EDWARDS
090	CIA MADERERA E INDUSTRIAL MARCOU	091	CIA EXPLOTADORA ISLA DE PASCUA
092	GUILLELMO AMENABAR	093	JOHN O'SHEA WILSON
094	SOC. ANDARIVELES DE CORDILLERA	095	CABLE WEST COAST
096	CIA MINERA DISPUTADA LAS CONDES	097	LUIS COUSINO
098	SOC. AGRICOLA Y GANADERA LAGO ROSSELOT	099	COMPANIA CARRIZAL CONSOLIDADA
100	CIA GANADERA E INDUSTRIAL MARCOV	101	CIA FLANO LTDA
102	PANAGRA PAN AMERICAN GRACE AIRWAYS INC.	103	DIRECCION GENERAL DE OBRAS PUBLICAS
104	CIA MADERERA FENIX	105	MIGUEL RAMIS M.
106	CIA MINERA AYSEN	107	EMPRESA CONSTRUCTORA BENITEZ ELGUETA
108	SOC. EMISORAS NUEVO MUNDO LTDA	109	OTTO BECKER LTDA
110	WEST COAST OF AMERICA TELEGRAPH CO. LTDA	111	CARLOS CARIOLA
112	CARABINEROS DE CHILE	113	AUTOMOVIL CLUB DE CHILE
114	CIA MINERA DEL PLOMO	115	SOC. EXP. DE TIERRA DEL FUEGO
116	SOC. ARANCIBIA Y JARA LTDA	117	SOC. ANON. VALLE CHACABUCO
119	THE ANGLO CHILEAN ASPHALTE CO. LTDA	120	SOC. NAC. DE PANOS DE TOME
121	SOC. FUNDICION NAC. DE PAIPOTE LTDA	122	CIA MINERA DEL M'ZAITA
123	FERNANDO CORREA L.	124	TORRES Y BASAUR
125	J. TUPPER H.	126	FERIA DE LOS AGRICULTORES S.A.
127	CIA AGRICOLA CHILENA S.A.	128	CIA AGRICOLA Y MADERERA PEREHUEICO LTDA
129	A. MORENO B.	130	SOC. PENA HNOS.
131	CIA MADERERA VILLANUEVA S.A.	132	CIA AZUFRE NACIONAL
133	SOC. CHILENA DE PUBLICACIONES Y COMERCIO S.A.	134	SOC. CHILENA DE COMUNICACIONES Y COMERCIO S.A.
135	PEDRO VERGARA KELLER	136	LUIS BRAIN
137	FRANCISCO MORALES C.	138	MARIO SAEZ LAGOS
139	CIA RADIO CHILENA	140	RAMON ABASOLO ALDEA
141	DANIEL DE MAYO LEVI	142	ERRAZURIZ LARRAIN Y CIA LTDA
143	RICARDO VIVADO ORSINI	144	RADIO RECREO S.A.
145	PABLO DOMINGO LAMA	146	CARLOS BRICENO OLIVARES
147	CESAR NIEME APEY	148	ALBERTO GUERRA CRUZAT
149	LUIS A. CUEVAS Y JORGE MARTINEZ	150	CORPORACION CHILENA DE RADIODIFUSION LTDA
151	MARIO CASTRO GUZMAN	152	JORGE ROMERO RAMIREZ
153	JOAQUIN VENEGAS VENEGAS	154	SOC. COLECTIVA TURINA Y CIA
155	OSVALDO VELILLA CACERES	156	ADRIANA HUICI DE EYZAGUIRRE
157	SOC. MAURI Y CIA LTDA	158	SOC. RAMON Y FERNANDO GARCIA LTDA
159	HERNAN VACCARO ZUNIGA	160	MANUEL CASABIANCA LATORRE
161	RAFAEL BARRIOS CACERES	162	MIGUEL RAMIS CASCARO
163	WALLACE Y CIA	164	CARLOS COCKBAINE RIQUELME
165	ADRIANA PAGUEGUY DE LAGOS	166	GERMAN HOLTEHUER VALDIVIA
167	MANUEL MASSONI BUSTAMANTE	168	ELADIO FERNANDEZ ESPINA
169	ANJEL GARCIA AGRA	170	LEOPOLDO GIRAUDO G.
171	HAROLD SALHR CRISTIE	172	OSCAR MORAGA FUENZALIDA
173	CARLOS MIRANDA Y CIA	174	VICTOR ALEJANDROFF MARCOS
175	UNIVERSIDAD TECNICA SANTA MARIA	176	LUIS GUERRA CRUZAT
177	JULIO ABASOLO ALDEA	178	LUIS HUMBERTO AGUERO
179	HERNAN DEL SOLAR ASPILLAGA	180	DIRECCION DE SERVICIOS COMUNES
181	SOC. AURIFERA RIO DEL ORO	182	CIA CARBONIFERA INDUSTRIAL DE LOTA
183	CIA CARBONIFERA DE SCHWAGER	184	HOTELERA NACIONAL
185	MANUEL ASPILLAGA	186	B. MATTE L.
187	MERCANTIL FORESTAL S.A.	188	J. LODTMAN
189	A. DESCOURVIERES	190	COOPERATIVA COMAC
191	COMUNIDAD CORREA PEREIRA	192	R. VERGARA R.
193	CIA AZUFRE POLAN	194	CIA MINERA TAMAYA
195	H. MELENDEZ	196	H. RIVAS F.
197	CIA MINERA CERRO BLANCO	198	SOC. LONGHI Y CIA LTDA
199	SOC. A. DIARIO EL SUR	200	DIRECCION DE OBRAS SANITARIAS
201	D.T.A. DIRECCION DEL TRANSITO AEREO (FUERZA AEREA DE CHILE)	202	L.A.N. LINEA AEREA NACIONAL
204	EMPRESA AGUA POTABLE, SANTIAGO	206	SERVICIO NACIONAL DE SALUD
219	CIA MINERA SANTA FE	245	IANSA
246	M. GIARDA	247	G. RIEGEL
248	ARTURO CRAMMER	249	ENTEL CASILLA 4254
250	COMPANIA MINERA ANDINA S.A.	251	COMPANIA MINERA DE COBRE CHUQUICAMATA
252	SOC. CELEDON Y ZANARTU	253	SWEDISH GOVERNMENT
254	TELEVISION NACIONAL DE CHILE	255	NASA-CHILE
256	DIRECCION METEOROLOGICA DE CHILE	257	AMSAT-CE
258	FUERZA AÉREA DE CHILE	259	OBSERVATORIO RADIOASTRONÓMICO ALMA
260	UNIVERSIDAD DE CHILE		

## SECTION IV - Table 12A/12B

<b>CHN</b>	China
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<b>A</b>	MINISTRY OF POSTS AND TELECOMMUNICATIONS RADIO REGULATORY DEPARTMENT 13 WEST CHANG AN AVE. BEIJING 100804 CHINA (PEOPLE'S REPUBLIC OF) TELEFAX: +86 10 66011370 TELEX: 085 222187 PTDEX CN EMAIL: zpliu@mii.gov.cn		
<b>B</b>	MINISTERE DES AFFAIRES ETRANGERES, HELSINKI		
<b>C</b>	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 54 40777 RADCON S		
<b>D</b>	NATIONAL TELECOM AGENCY COORDINATION DIVISION HOLSTEINSGADE 63 DK - 2100 KOBENHAVN O DENMARK TELEX: 055 31100 NTA DK		
<b>F</b>	FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC FREQUENCY OFFICE ARSENAL, OBJEKT 22, POB 79 A-1103 WIEN / AUSTRIA TELEX: 131 800 MONI A		
<b>G</b>	MINISTRY OF INDUSTRY AND INFORMATION TECHNOLOGY THE PEOPLE'S REPUBLIC OF CHINA 13, WEST CHANG'AN AVE, BEIJING 100804 CHINA		
<b>001</b>	MINISTRY OF POSTS AND TELECOMMUNICATIONS	<b>002</b>	GENERAL ADMINISTRATION OF CIVIL AVIATION OF CHINA
<b>003</b>	NATIONAL BUREAU OF OCEANOGRAPHY	<b>004</b>	MINISTRY OF COMMUNICATIONS
<b>005</b>	STATE BUREAU OF AQUATIC PRODUCTS	<b>006</b>	BROADCASTING ADMINISTRATION BUREAU (B.A.B.)
<b>007</b>	SWEDISH GOVERNMENT	<b>008</b>	CENTRAL METEOROLOGICAL SERVICE
<b>009</b>	AMBASSADE DE FINLANDE	<b>010</b>	ACADEMY OF SCIENCES OF CHINA
<b>011</b>	AGENCIES OF TAIWAN PROVINCE	<b>012</b>	MINISTRY OF PETROLEUM INDUSTRY
<b>013</b>	CHINA TELECOMMUNICATIONS BROADCAST SATELLITE CO.	<b>014</b>	APT SATELLITE CO. LTD.
<b>015</b>	BEIJING SIANGYU SPACE TECHNOLOGY COMPANY	<b>025</b>	DANISH GOVERNMENT
<b>026</b>	OSTERREICHISCHE BOTSCHAFT	<b>028</b>	CHINA ORIENT TELECOMM SATELLITE COMPANY LIMITED
<b>029</b>	CHINA ELECTRIC SYSTEM ENGINEERING COMPANY	<b>030</b>	CHINA NATIONAL TECHNICAL SERVICE COMPANY FOR SURVEYING
<b>031</b>	NEW STAR SATELLITE COMPANY LIMITED	<b>032</b>	ASIA SATELLITE TELECOMMUNICATIONS CO. LTD.
<b>033</b>	SINO SATELLITE COMMUNICATIONS COMPANY LIMITED	<b>034</b>	ACADEMY OF BROADCASTING PLANNING, NRTA OF CHINA
<b>035</b>	CHINA CENTER FOR RESOURCES, SATELLITE DATA & APPLICATION	<b>036</b>	BLMIT BEIJING LANDVIEW MAPPING INFORMATION TECHNOLOGY CO., LTD.
<b>037</b>	CHINA SATELLITE COMMUNICATIONS CO., LTD (CHINA SATCOM)	<b>038</b>	THE OFFICE OF CHINA NATIONAL COMMITTEE FOR DISASTER REDUCTION
<b>039</b>	LUNAR EXPLORATION PROGRAM CENTER OF CHINA NATIONAL SPACE ADMINISTRATION	<b>040</b>	CENTER FOR SPACE SCIENCE AND APPLIED RESEARCH, CHINESE ACADEMY OF SCIENCES
<b>041</b>	CHINESE RADIO SPORTS ASSOCIATION	<b>042</b>	STATE BUREAU OF SURVEYING AND MAPPING
<b>043</b>	CHINA GREAT WALL INDUSTRY CORPORATION	<b>044</b>	CHINA ACADEMY OF SPACE TECHNOLOGY
<b>045</b>	CENTER OF EARTH OBSERVATION SYSTEM ENGINEERING	<b>046</b>	RADIO ASSOCIATION OF CHINA
<b>047</b>	CHINA EARTHQUAKE ADMINISTRATION (CEA)	<b>048</b>	CHINA ASIA-PACIFIC MOBILE TELECOMMUNICATIONS SATELLITE CO. LTD. (CHINA APMT)
<b>049</b>	BEIJING XINWEI TECHNOLOGY CO. LTD	<b>050</b>	CHINA AEROSPACE SCIENCE AND INDUSTRY CORPORATION (CASIC)
<b>051</b>	BEIJING SPACEKEY TECHNOLOGY CO. LTD.	<b>052</b>	DESAT

## SECTION IV - Table 12A/12B

CHN	China		
053	CHANGGUANG SATELLITE TECHNOLOGY CO., LTD.	054	ZHUHAI ORBITA AEROSPACE SCIENCE & TECHNOLOGY CO., LTD
055	CHINA SIWEI SURVEYING & MAPPING TECHNOLOGY CO., LTD.	056	SHANGHAI INSTITUTE OF SATELLITE ENGINEERING (SISE)
057	SHANGHAI OK-SPACE SCIENCE AND TECHNOLOGY CO. LTD	058	CHINA CENTER FOR AEROSPACE SCIENCE AND TECHNOLOGY INTERNATIONAL COMMUNICATIONS
059	NORTHWESTERN POLYTECHNICAL UNIVERSITY (NPU)	060	BEIJING CATON GLOBAL TECHNOLOGY CO. LTD.
061	KECHUANG SPACE ACADEMY (KCSA)	062	BEIJING TENG YUXINWEI TECHNOLOGY CO. LTD.
063	SHENZHEN AEROSPACE DONGFANGHONG HIT SATELLITE LTD.	064	BEIJING STAR TIME TELECOMMUNICATIONS TECHNOLOGY CO. LTD.
065	HARBIN INSTITUTE OF TECHNOLOGY	066	BEIJING AOBO SPACE TECHNOLOGY CO., LTD.
067	LINK SPACE AEROSPACE TECHNOLOGY	068	MXR SPACE SERVICE OF BEIJING
069	COMSAT TECHNOLOGY DEVELOPMENT CO., LTD	070	GALAXY SPACE (BEIJING) TECHNOLOGY
071	NANJING SOAR AEROSPACE SCIENCE AND TECHNOLOGY CO., LTD	072	SPACETY CO. LTD (CHANGSHA)
073	LAND SATELLITE REMOTE SENSING APPLICATION CENTER, MINISTRY OF NATURAL RESOURCES OF P.R.CHINA (LASAC,MNR)	074	WUHAN UNIVERSITY
075	AEROSPACE SYSTEM ENGINEERING RESEARCH INSTITUTE OF SHANGHAI	076	BEIJING GUODIAN HI-TECH SCIENCE AND TECHNOLOGY LTD.
077	BEIJING QIANSHENG EXPLORATION TECHNOLOGY CO. LTD.	078	QIANXUN SI
079	BEIJING TIANLIAN TT&C TECHNOLOGY CO. LTD.	080	SPACE INTEGRATED GROUND INFORMATION NETWORK CO. LTD.
081	DFH SATELLITE COMPANY LIMITED	082	BEIJING FUTURE NAVIGATION TECHNOLOGY CO., LTD.
083	INSTITUTE OF SOFTWARE OF THE CHINESE ACADEMY OF SCIENCES	084	BEIJING MINOSPACE TECHNOLOGY CO. LTD
085	THE 54TH RESEARCH INSTITUTE OF CETC	086	CSPACE CO., LTD (BEIJING)
087	NINGXIA JINGUI INFORMATION TECHNOLOGY CO., LTD	088	CHINESE AMATEUR SATELLITE GROUP (CAMSAT)
089	TSINGHUA UNIVERSITY (THU)	090	BEIJING ZEROG TECHNOLOGY CO LTD.
091	CHINA HEAD AEROSPACE TECHNOLOGY CO. LTD.	092	AEROSPACE SATELLITEHERD SCIENCE AND TECHNOLOGY CO., LTD
093	DEYA INSTITUTE OF CIVIL-MILITARY INTEGRATED INNOVATIONS (SHUNDE, FOSHAN)	094	CHINA TELECOM SATELLITE COMMUNICATIONS
095	CASIC SPACE ENGINEERING DEVELOPMENT CO., LTD	096	SHANGHAI ENGINEERING CENTER FOR MICROSATELLITES (SECM)
097	BEIJING SMART SATELLITE TECHNOLOGY CO., LTD.	098	CHINA ACADEMY OF ELECTRONICS AND INFORMATION TECHNOLOGY (CAEIT), CETC
099	SHANGHAI SWARMSAT TECHNOLOGY CO., LTD	100	BEIJING INSTITUTE OF TECHNOLOGY (BIT)
101	HAINAN MICROSAT REMOTE SENSING TECHNOLOGY APPLICATION SERVICE CO., LTD	102	SUN YAT-SEN UNIVERSITY
103	SPACETY CO., LTD (CHANGSHA)	104	BEIJING INSTITUTE OF TRACKING AND TELECOMMUNICATIONS TECHNOLOGY
105	ZHEJIANG GEESPACE TECHNOLOGY CO., LTD.	106	ANHUI MINOSPACE TECHNOLOGY CO., LTD.
107	CHINA TRANSPORT TELECOMMUNICATION & INFORMATION CENTER, CTIC	108	LEOBIT TECHNOLOGY CO., LTD.
109	FINAL FRONTIER CO. LTD	110	INSIGHT POSITION INTELLIGENT SCIENCE & TECHNOLOGY SERVICE CO., LTD
111	SHANGHAI VSAT TECHNOLOGY CO., LTD	112	ORIGIN SPACE LTD.
113	ADA SPACE CO., LTD.	114	HUNAN HANGSHENG SATELLITE TECHNOLOGY CO., LTD.
115	BEIHANG UNIVERSITY (BUAA)	116	NOVELSPACE (BEIJING) TECHNOLOGY CO. LTD
117	BEIJING SPACE ARK TECHNOLOGY CORP. LTD	118	F.SQUARES AI-DATA TECHNOLOGY CO., LTD.
119	BEIJING SPACEWALK AEROSPACE TECHNOLOGY CO., LTD	120	ZHEJIANG UNIVERSITY (ZDPS-3)
121	SHANGHAI TSINGSHEN TECHNOLOGY DEVELOPMENT CO. LTD (ROSEFINCH-1)	122	SHANGDONG INSTITUTES LTD. OF SATELLITE INFORMATION TECHNOLOGY
123	MACRO NET COMMUNICATION CO., LTD.	124	SPACECAS (CANTON) TECHNOLOGY CO., LTD.
125	TECH HI XIANG YU SPACE TECHNOLOGY CO. LTD.	126	XIAMEN UNIVERSITY
127	PIESAT INFORMATION TECHNOLOGY CO., LTD	128	NANJING UNIVERSITY
129	HIGH DEFINITION GLOBE CO., LTD.	130	XI'AN ZHONGETIANTA TECHNOLOGY CO. LTD
131	ELLIP SPACE (BEIJING) TECHNOLOGY CO. LTD		

## SECTION IV - Table 12A/12B

<b>CHR</b>	Christmas Island (Indian Ocean)
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**A** AUSTRALIAN COMMUNICATIONS AND MEDIA AUTHORITY  
P.O. BOX 78  
BELCONNEN ACT 2616  
AUSTRALIA  
TELEFAX: +61 2 6219 5353

<b>001</b>	DEPARTMENT OF CIVIL AVIATION	<b>002</b>	DEPARTMENT OF TERRITORIES
<b>003</b>	BRITISH PHOSPHATE COMMISSIONERS	<b>004</b>	OVERSEAS TELECOMMUNICATIONS COMMISSION

<b>CKH</b>	Cook Islands
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**A** MINISTRY OF COMMERCE  
RADIO SPECTRUM MANAGEMENT GROUP  
33 BOWEN STREET  
P.O. BOX 2847  
WELLINGTON / NOUVELLE-ZELANDE  
TELEFAX: +64 4 499 0797

<b>001</b>	TELECOM CORP. OF NZ LTD	<b>004</b>	SHIPPING COMPANIES
<b>006</b>	NEW ZEALAND GOVERNMENT		

<b>CLM</b>	Colombia
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**A** SR. SECRETARIO GENERAL DEL  
MINISTERIO DE COMUNICACIONES  
EDIFICIO MURILLO TORO  
CARRERAS 7 Y 8 X CALLE 13  
BOGOTA D.E. 1  
TELEFAX: +57 1 282 6317  
TELEX: 03544284 MINCO CO

<b>001</b>	SHELL COLOMBIA, S.A., BOGOTA	<b>002</b>	EMPAQUES BATES
<b>003</b>	TEXAS PETROLEUM CO., BOGOTA	<b>004</b>	BANCO DE LA REPUBLICA, BOGOTA
<b>005</b>	INCORA	<b>006</b>	CONSORCIO DE INGENIEROS
<b>007</b>	INDUSTRIA COLOMBIANA DE LLANTAS, S.A. (ICOLLANTAS, BOGOTA)	<b>008</b>	EJERCITO NAL
<b>009</b>	INTERCOL	<b>010</b>	CAYMAN CORPORATION
<b>011</b>	EMPRESA NACIONAL DE TELECOMUNICACIONES (TELECOM) BOGOTA	<b>012</b>	MINISTERIO DE COMUNICACIONES, DIRECCION GENERAL DE RADIOCOMUNICACIONES, BOGOTA
<b>013</b>	AEROTRANSPORTE DEL AMAZONAS	<b>014</b>	AEROSERVICIO AGRICOLA LTDA.
<b>015</b>	CARLOS ALIRIO NAVARRO HERRAN	<b>016</b>	LA VOZ DE COLOMBIA S.A., BOGOTA
<b>017</b>	AEROVIAS NACIONALES DE COLOMBIA (AVIANCA) BOGOTA	<b>018</b>	COLOMBIA PETROLEUM COMPANY Y SOUTH AMERICAN GULF OIL CO., CARTAGENA
<b>021</b>	RADIO CONTINENTAL S.A., BOGOTA	<b>022</b>	COLTEJER, MEDELLIN
<b>023</b>	MERCADOTECNIA AGROPECUARIA	<b>024</b>	SOCIEDAD AERONAUTICA (SAM), MEDELLIN
<b>025</b>	I.C.A.	<b>026</b>	CAJA DE CREDITO AGRARIO, BOGOTA
<b>027</b>	CERVECERIA UNION, MEDELLIN	<b>028</b>	EMISORA METROPOLITANA, BOGOTA
<b>029</b>	FEDERACION GANADEROS DE LLANOS	<b>030</b>	PALMAS OLEAGINOSAS S.A.
<b>031</b>	FRANCISCO FUENTES CAYCEDO	<b>032</b>	SANTIAGO OLAMPO ZULUAGA
<b>033</b>	INGESCO LTDA.	<b>034</b>	ALFONSO GAVIRIA ALVAREZ
<b>035</b>	RADIO SANTA FE, BOGOTA	<b>036</b>	RADIO EL SOL, CALI
<b>037</b>	FED. NAL. ALGODONEROS	<b>038</b>	PASTAS EL DORADO LTDA.
<b>039</b>	ARTURO RUIZ GALLEGO	<b>040</b>	JORGE IVAN MESA MACHADO
<b>041</b>	OMAR CAMPO MONTOYA	<b>042</b>	SOCIEDAD HACIENDA LA PLAYA
<b>043</b>	TAXI AEREO EL LLANA	<b>044</b>	DEPARTAMENTO ADMINISTRATIVO DE AERONAUTICA CIVIL
<b>045</b>	FERROCARRIL DEL ATLANTICO, BARRANQUILLA	<b>046</b>	RICHMOND PETROLEUM CO., BOGOTA
<b>047</b>	MINISTERIO DE JUSTICIA, BOGOTA	<b>048</b>	JUAN MANUEL GUTIERREZ LACOTURE
<b>049</b>	PONTIFICIA UNIVERSIDAD BOLIVARIANA, MEDELLIN	<b>050</b>	MINISTERIO DE GUERRA
<b>051</b>	DEPARTAMENTO ADMINISTRATIVO DE SEGURIDAD (DAS), BOGOTA	<b>052</b>	ZAPATA Y VELASQUEZ LTDA.
<b>053</b>	ROSA CARDONA DE OSPINA	<b>054</b>	INGENIEROS ASOCIADOS LTDA.
<b>055</b>	PROMEXCOL LTDA.	<b>056</b>	HULLERA SAN FRANCISCO, CALI

## SECTION IV - Table 12A/12B

CLM	Colombia
057	COMP. MARMOLES Y CEMENTOS NARE, BOGOTA
059	GUILLERMO CALDERON NIETO
061	LA VOZ DE BOGOTA, BOGOTA
063	LA VOZ DEL CAFE, PEREIRA
065	RADIO MIRAMAR, CARTAGENA
067	LA VOZ DEL SINU, MONTERIA
069	ECOS DE OCANA
071	RADIO BARRANCABERMEJA, BARRANCABERMEJA
073	RADIO BUENAVENTURA, BUENAVENTURA
075	ONDAS DEL GUALI, HONDA
079	RADIO GARZON, GARZON
081	ESCUELAS RADIOFONICAS SUTATENZA, BOGOTA
083	LA VOZ DE PAMPLONA, PAMPLONA
086	OLEODUCTO DE CUNDINAMARCA, BOGOTA
088	OLEODUCTO DEL PACIFICO, CALI
090	EFRAIN ALZATE
092	FERNANDO URIBE
094	DARIO VELEZ CORREA
096	CENTRAL HIDROELECTRICA DE CALDAS, MANIZALES
098	ARTURO GARCIA GARCIA
100	ALICACHIN, BOGOTA
102	ALBERTO VILLEGAS ZULUEGA
104	INVERSIONES AGROPECUARIAS URREA
106	FRONTINO GOLD MINES, MEDELLIN
108	LOFFLAND BROTHERS DE VENEZUELA
110	MARIO FLOREZ CAMERO
112	COLOMBIANA DISTRIBUIDORES DE COMBUSTIBLES (CODI), BOGOTA
114	DIOCESIS DE MAGANGUE
116	CLEMENTE CHAVES J.
118	TRASANDINA DE CONSTRUCCIONES
120	MARIO MERIZALDE SOTO
122	INSTITUTO BARRAQUER DE AMERICA
124	LOCERIA COLOMBIANA S.A., BOGOTA
126	BEATRIZ JARAMILLO DE JARAMILLO
128	RAMIRO CALLE CALLE
130	RADIO MANIZALES, MANIZALES
132	RADIOTELEVISORA NACIONAL, BOGOTA
134	RADIO TRICOLOR, BOGOTA
136	LA VOZ DE ANTIOQUIA, MEDELLIN
138	EMISORA NUEVO MUNDO, BOGOTA
140	RADIO VISION, MEDELLIN
142	LA VOZ DE CALI, CALI
144	EMISORA FUENTES, CARTAGENA
146	LA VOZ DE MEDELLIN, MEDELLIN
148	EMISORA CLARIDAD, MEDELLIN
150	RADIO MELODIA, BOGOTA
152	EMISORA ATLANTICO, BARRANQUILLA
154	RADIO MUSICAL, CALI
156	VOZ DE ARMENIA, ARMENIA
158	ONDAS DEL VALLE, CARTAGO
160	RADIO RELOJ, BOGOTA
162	RADIO RELOJ, CALI
164	ECOS DE LA MONTANA, MEDELLIN
166	RADIO BUCARAMANGA, BUCARAMANGA
168	RADIO CRISTAL, MEDELLIN
170	EMISORA SURAMERICA, BOGOTA
172	VILLA DE CESPEDES, TULUA
174	RADIO SANTANDER, BUCARAMANGA
176	RADIO CORDOBESA, MONTERIA
179	LA VOZ AMIGA, PEREIRA
181	RADIO MODELO, BOGOTA
183	RADIO VIGIA, BARRANQUILLA
185	LA VOZ DE CARTAGENA, CARTAGENA
187	EL MUNDO EN BOGOTA, BOGOTA
189	RADIO VALLEDUPAR, VALLEDUPAR
191	RADIO VIGIA, CARTAGENA
193	ONDAS DEL FONCE, SAN GIL
195	LA VOZ DE LAS AMERICAS, MEDELLIN
197	RADIO NARINO, PASTO
199	LA VOZ DE CUNDINAMARCA, ZIPAQUIRA
201	RADIO PILOTO, BARRANQUILLA
058	EMISORA NUEVA GRANADA, BOGOTA
060	LA VOZ DEL RIO CAUCA, CALI
062	LA VOZ DEL TOLIMA, IBAGUE
064	EMISORA MIL VEINTE, BOGOTA
066	RADIO VILLAVICENCIO, VILLAVICENCIO
068	RADIO POPULAR, BOGOTA
070	RADIO SAN EUGENIO, SANTA ROSA DE CABAL
072	LA VOZ DE ANSERMA, ANSERMA
074	RADIO LUZ, MANIZALES
076	PREGONES DEL QUINDIO, ARMENIA
080	RADIO ARMERO, ARMERO
082	RADIO SEVILLA, SEVILLA
085	COMPANIA COLOMBIANA DE TABACO, BOGOTA
087	CENTRAL HIDROELECTRICA DE ANCHICAYA, CALI
089	RAMIRO RESTREPO
091	MINERA LAS BRISAS S.A.
093	ESSO COLOMBIANA S.A., BOGOTA
095	GONZALO URIBE VANEGAS
097	GANADERIA LA PRIMAVERA
099	INDUSTRIAS COLOMBO-BRITANICAS, BOGOTA
101	TULIO BOTERO ARELLANO
103	GERMAN SALDARRIAGA DEL VALLE
105	INGENIO MAYAGUEZ, BOGOTA
107	VICTOR A. BALLESTERO
109	EMPRESA COLOMBIANA DE PETROLEOS (ECOPETROL), BOGOTA
111	DUQUE Y CIA.
113	COMPANIA COLOMBIANA DE CERAMICA, BOGOTA
115	AGROPECUARIA S. ANTONIO
117	FERROCARRIL DE ANTIOQUIA, MEDELLIN
119	IBERIA FEDERICO ANGELE-HIJOS
121	JORGE DANGON DAZA
123	CARLOS BOTERO
125	JOSE ANTONIO FRANCO
127	COLMINAS
129	TRANSMISORA DE LA INDEPENDENCIA, TUNJA
131	RADIO RENACIMIENTO, BOGOTA
133	EMISORAS UNIDAS, BARRANQUILLA
135	LA VOZ DE BARRANQUILLA, BARRANQUILLA
137	ECOS DE PASTO, PASTO
139	VOCES DE OCCIDENTE, BUGA
141	LA VOZ DE LA VICTOR, BOGOTA
143	RADIO SINFONIA, MEDELLIN
145	RADIO ECO, CALI
147	RADIO KALAMARY, BARRANQUILLA
149	RADIO PACIFICO, CALI
151	LA VOZ DEL TRIUNFO
153	TRANSMISORA CALDAS, MANIZALES
155	RADIO RELOJ, MEDELLIN
157	RADIO RELOJ, BARRANQUILLA
159	LA VOZ DE CUCUTA, CUCUTA
161	LA VOZ DEL PUEBLO, PEREIRA
163	EMISORA RIOMAR, BARRANQUILLA
165	RADIO CARTAGO, CARTAGO
167	RADIO GIRARDOT, GIRARDOT
169	LA VOZ DEL VALLE, CALI
171	LA VOZ DE SANTA MARTA, SANTA MARTA
173	EMISORA NUEVA EPOCA, FUSAGASUGA
175	RADIO NUTIBARA, MEDELLIN
178	RADIO INDUSTRIAL, BOGOTA
180	RADIO NEIVA, NEIVA
182	LA VOZ DEL COMERCIO, ARMENIA
184	EMISORA ECOS DEL COMBEIMA, IBAGUE
186	EMISORA SIGLO VEINTE, MEDELLIN
188	RADIO LIBERTADOR, CALI
190	LA VOZ DE LA PATRIA, BARRANQUILLA
192	LA VOZ DE PEREIRA, PEREIRA
194	ONDAS DEL PUERTO, GIRARDOT
196	LA VOZ DEL NORTE, CUCUTA
198	ONDAS DEL HUILA, NEIVA
200	RADIO CULTURA, CALI
202	RADIO DEL COMERCIO, BUCARAMANGA

## SECTION IV - Table 12A/12B

CLM	Colombia		
203	LA VOZ DEL CAUCA, POPAYAN	204	EMISORA VARIEDADES, BARRANQUILLA
205	EMISORA MARIANA, BOGOTA	206	EMISORA GUADALAJARA, BUGA
207	RADIO MAGDALENA, SANTA MARTA	208	EMISORA CULTURAL, MEDELLIN
209	RADIO GUAIMARAL, CUCUTA	210	LA VOZ DE MARIA, BOGOTA
211	LA VOZ DE LA DORADA, DORADA	212	RADIO TULUA, TULUA
213	ONDAS DE IBAGUE, IBAGUE	214	ONDAS DE RIOHACHA, RIOHACHA
215	RADIO BELALCAZAR, POPAYAN	216	RADIO SINCELEJO, SINCELEJO
217	ARMONIAS DEL PALMAR, PALMIRA	218	LA VOZ DEL ESPINAL, ESPINAL
219	RADIO CENTINELA, PEREIRA	220	LA VOZ DE LA GRAN COLOMBIA, CUCUTA
221	RADIO QUIBDO, QUIBDO	222	RADIO PAMPLONA, PAMPLONA
223	RADIO BOLIVAR, CALI	224	EMISORA REINA DE COLOMBIA, CHIQUINQUIRA
225	EMISORA LICEO DEPARTAMENTAL, SONSON	226	RADIO PARROQUIAL, NEMOCON
228	LA VOZ DEL PARAISO, CERRITO	229	RADIO COPACABANA, COPACABANA
231	LA VOZ DEL RIO ZULIA, ZULIA	233	RADIO PALMIRA, PALMIRA
234	EMISORA MONSERRATE, BOGOTA	235	LA VOZ DE LOS COMUNEROS, BUCARAMANGA
237	LA VOZ DEL CAQUETA, FLORENCIA	238	ONDAS DEL RIO, MAGANGUE
240	EMISORA ATALAYA, PIEDECUESTA	241	INDERENA
242	FRANCISCO GILBERTO ESTRADA	243	GUILLERMO BLANCO QUINTERO
244	AGROPECUARIA TOBON LTDA.	245	ALEJANDRO B. RODRIGUEZ
246	COLCARBUROS	247	CASTANEDA SALAZAR CIALTDA
248	INGEOTOPOS	249	CON-CONCENTRO LTDA.
250	LUIS HECTOR SOLARTE SOLARTE	251	CONSTRUCTORA DE CARRETERAS
252	JORGE MOLANO SANABRIA	253	JAIME ACKERMAN VILLAZON
254	ALFONSO PALACIO RESTREPO	255	COLOMBIAN COMPANY INC.
256	PROMICOL	257	GRAJALES HNS. LTDA.
258	TURISMO HANSA S.A.	259	UNION EVANGELICA DEL SUR
260	CARLOS DERHX CONRAD	261	METALURGICAS BOYACA
262	EXPORFIN LTDA.	263	LONDONO VILLEGAS LTDA.
264	JAIRO CORREA GOMEZ	265	MINGOBIERNO
266	RADIO SUTATENZA, BOGOTA	267	RADIO CATATUMBO, OCANA
268	ECOS DEL COMBEIMA, IBAGUE	269	RADIO SURCOLOMBIANA, NEIVA
270	RADIO SUPER, MEDELLIN	271	RADIO TAMBORAL, BUENAVENTURA
272	LA VOZ DEL CINARUCO, ARAUCA	273	ONDAS DEL META, VILLAVICENCIO
274	RADIO GUATAPURI, VALLEDUPAR	275	MERIDIANO 70, CARTAGENA
276	ONDAS DEL ORTEGUAZA, FLORENCIA	277	RADIO NACIONAL, TUNJA
278	RADIO CINCO, VILLAVICENCIO	279	BRISAS DEL CITARA, QUIBDO
280	ACCION CULTURAL POPULAR	281	TELECOM
282	ASA - ASOCIACIÓN DE SATÉLITES ANDINOS	283	DIRECTV COLOMBIA LTDA

CLN	Sri Lanka
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**A** TELECOMMUNICATIONS REGULATORY COMMISSION OF SRI LANKA  
276, ELVITIGALA MAWATHA  
MANNING TOWN, COLOMBO 8  
DEM. SOCIALIST REPUBLIC OF SRI LANKA  
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EMAIL: DGTSL@SLT.LK  
PHONE: +94 11 2689345

**B** INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT  
OFCOM  
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LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

**C** TELECOMMUNICATION DEPARTMENT,  
MALE

**G** A.H.Q.,  
NEGOMBO

001 CEYLON OVERSEAS TELECOMMUNICATIONS SERVICE  
003 DEPARTMENT OF METEOROLOGY, CEYLON

002 UNITED KINGDOM GOVERNMENT  
004 DEPARTMENT OF POSTS AND TELECOMMUNICATIONS

## SECTION IV - Table 12A/12B

<b>CLN</b>	Sri Lanka		
005	DEPARTMENT OF BROADCASTING	006	SRI LANKA BROADCASTING CORPORATION (TORRINGTON SQUARE, COLOMBO 7)
007	CEYLON GOVERNMENT, CIVIL AVIATION DEPARTMENT	008	POLICE DEPARTMENT
009	SRI LANKA AIR FORCE	010	SRI LANKA ARMY
011	R.A.F.	012	SRI LANKA NAVY
013	INSTITUTE OF SURVEYING AND MAPPING DIYATAHAWA	014	MALDIVIAN EMBASSY
015	CEYLON ELECTRICITY BOARD	016	SWEDISH EMBASSY
017	BANGLADESH HIGH COMMISSION		

<b>CME</b>	Cameroon		
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**A** AGENCE DE REGULATION DES TELECOMMUNICATIONS (ART)  
B.P. 6132  
YAOUNDE  
CAMEROUN  
TELEFAX: +237 22 23 37 48 / 0495  
PHONE: +237 22 23 0380  
EMAIL: art@camnet.cm

**B** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AV. DU GENERAL DE GAULLE - BP400  
94 704 MAISONS ALFORT CEDEX  
FRANCE  
TELEFAX: +33 1 45187231

**C** DIRECTION GENERALE DE L'OFFICE NATIONAL  
DES POSTES ET TELECOMMUNICATIONS  
AVENUE PATRICE LUMUMBA  
BRAZZAVILLE  
TELEX: OFIPOSTEL 5208 KG

**D** MINISTERE DES POSTES ET TELECOMMUNICATIONS  
DIRECTION DE LA REGLEMENTATION DU SECTEUR DES  
TELECOMMUNICATIONS  
BP 1571  
YAOUNDE  
TELEX: 0970 MINPOSTEL 8285KN

**E** MINISTERE DE LA COMMUNICATION  
YAOUNDE  
TELEX: 8215 KN

001	FORCES TERRESTRES	002	FORCES ARMEES CAMEROUNAISES
003	SNAF	004	AVIATION CIVILE
005	POSTES ET TELECOMMUNICATIONS	006	CAMTEL - CAMEROUN TELECOMMUNICATIONS
007	MARINE NATIONALE	008	AEROCIVILE-POSTEL
009	METEO-POSTEL	010	AERONAUTIQUE MILITAIRE FRANCAISE
011	DIRECTION DES AFFAIRES MILITAIRES	012	RADIODIFFUSION ET TELEVISION FRANCAISES
013	CRTV CAMEROUN RADIO TELEVISION CORPORATION	014	SERVICE GEOGRAPHIQUE
015	AGENCE POUR LA SECURITE DE LA NAVIGATION AERIENNE (ASECNA)	016	MARKETING AND EXPORTS
017	ELECTRICITE DU CAMEROUN	018	SOCIETE INTERNATIONALE DE LINGUISTIQUE B.P. 1299 YAOUNDE
019	D G S N	020	ORANGE CAMEROUN
021	MTN CAMEROUN	022	RESEAUX OUVERTS AU PUBLIC
023	RESEAUX PRIVES		

## SECTION IV - Table 12A/12B

<b>CNR</b>	Canary Islands
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<b>A</b>	MINISTERIO DE ECONOMIA Y EMPRESA DIRECCIÓN GENERAL DE TELECOMUNICACIONES Y TECNOLOGÍAS DE LA INFORMACIÓN SUBDIRECCIÓN GENERAL DE PLANIFICACIÓN Y GESTIÓN DEL ESPECTRO RADIOELÉCTRICO C/POETA JOAN MARAGALL, 41 - PLANTA 9A 28071 MADRID PHONE: +34 913 494 640 TELEFAX: +34 91 346 2229 TELEX: 052244100 GENTEL E	
<b>001</b>	ORGANISMO AUTONOMA DE CORREOS Y TELEGRAFOS (O.A.C.T)	<b>002</b> EMACON
<b>003</b>	J.U.S.M.G.	<b>004</b> TELEFONICA DE ESPANA, S.A. (TESA)
<b>005</b>	DIRECCION GENERAL DE SEGURIDAD	<b>006</b> AEROPUERTOS ESPANOLES Y NAVEGACION AEREA (AENA)
<b>007</b>	DIRECCION GENERAL DE LA GUARDIA CIVIL	<b>008</b> ESTADO MAYOR DEL AIRE
<b>009</b>	CORPORACION DE PRACTICOS	<b>010</b> INSTITUTO NACIONAL DE TECNICA AERONAUTICA (I.N.T.A.)
<b>011</b>	SUBSECRETARIA DE PESCA Y MARINA MERCANTE	<b>012</b> RETEVISION
<b>013</b>	DIRECCION GENERAL DE PUERTOS Y COSTAS	<b>014</b> RADIOTELEVISION ESPANOLA (RTVE)
<b>015</b>	INSTITUTO NACIONAL DE METEOROLOGIA (I.N.M)	<b>016</b> EUROPEAN SPACE AGENCY (E.S.A.)
<b>017</b>	HISPASAT, S.A.	<b>018</b> RADIO TELEVISION ESPANOLA (RTVE)
<b>019</b>	OTROS ORGANISMOS EXPLOTADORES	

<b>COD</b>	Dem. Rep. of the Congo
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<b>A</b>	OFFICE CONGOLAIS DES POSTES ET TELECOMMUNICATIONS (OCPT) DIRECTION GENERALE HOTEL DES POSTES 86, BD DU 30 JUIN B.P. 7070 KINSHASA 1 REPUBLIQUE DEMOCRATIQUE DU CONGO PHONE: +243 12 20115 TELEFAX: +243 12 00716	
<b>B</b>	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEX: 023289696	
<b>C</b>	THE SECRETARY GENERAL MINISTRY OF ROADS AND COMMUNICATIONS 11111 KHARTOUM REPUBLIC OF THE SUDAN TELEFAX: +249 11 780507 TELEX: 098422299 GENTL SD	
<b>D</b>	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 05440777 RADCON S	
<b>001</b>	PRIVE	<b>002</b> GOUVERNEMENT
<b>003</b>	GOUVERNEMENT DE LA SUEDE	<b>004</b> ARMEE NATIONALE
<b>005</b>	DIRECTION D'EXPLOITATION TELECOMS. B.P. 9671, KINSHASA	<b>006</b> REGIE DES VOIES MARITIMES
<b>029</b>	OFFICE DES TRANSPORTS	<b>037</b> UNITED NATIONS
<b>038</b>	EMBASSY OF THE REPUBLIC OF THE SUDAN	



## SECTION IV - Table 12A/12B

<b>COG</b>	Congo (Rep. of the)
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<b>A</b>	AGENCE DE REGULATION DES POSTES ET DES COMMUNICATIONS ELECTRONIQUES 91, BIS AVENUE DE L'AMITIE - BP 2490 CENTRE-VILLE CG BRAZZAVILLE REPUBLIQUE DU CONGO EMAIL: benjamin.mouandza@arpce.cg EMAIL: celestin.endoke@arpce.cg PHONE: +242 055107272		
<b>002</b>	MARINE NATIONALE MARCHANDE	<b>003</b>	AERONAUTIQUE MILITAIRE CONGOLAISE
<b>004</b>	AERONAUTIQUE CIVILE (A.S.E.C.N.A.)	<b>005</b>	RADIODIFFUSION ET TELEVISION CONGOLAISE - RTC
<b>006</b>	INTELCO - COMMUNICATIONS INTERNATIONALES	<b>008</b>	DIRECTION GENERALE DE L'OFFICE NATIONAL DES POSTES ET TELECOMMUNICATIONS
<b>009</b>	METEOROLOGIE NATIONALE	<b>010</b>	DEFENSE ET SECURITE NATIONALE
<b>011</b>	MINISTERE DE LA DEFENSE NATIONALE, DIRECTION DES AFFAIRES MILITAIRES	<b>013</b>	SOCIETES ET CIES PRIVEES CONTROLEES PAR L'OFFICE NATIONAL DES P. ET T.
<b>014</b>	APN (TERRE)	<b>016</b>	INTERIEUR

<b>COM</b>	Comoros
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<b>A</b>	AUTORITE NATIONALE DE REGULATIONS DES TECHNOLOGIES DE L'INFORMATION ET DE LA COMMUNICATION - ANRTIC TELECOMMUNICATIONS B.P. 6540 OASIS MORONI COMORES EMAIL: contact@anrtic.km TELEFAX: +269 773 87 62 PHONE: +269 773 87 61		
<b>B</b>	MINISTERE EN CHARGE DE LA DEFENSE		
<b>001</b>	AVIATION CIVILE ET DE LA METEOROLOGIE DE L'UNION DES COMORES	<b>002</b>	CAPTAINERIES DES COMORES.
<b>003</b>	MINISTERE DE L'INTERIEUR	<b>004</b>	OPERATEURS DES TELECOMMUNICATIONS
<b>005</b>	RADIODIFFUSION	<b>006</b>	FORCES COMORIENNES DE DEFENSE
<b>007</b>	RADIOMESSAGERIE PRIVEE		

<b>CPV</b>	Cape Verde
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<b>A</b>	AGENCIA NACIONAL DAS COMUNICAÇÕES - ANAC DE INFORMAÇÃO (ICTI) P.O BOX 07 PRAIA CABO VERDE (RÉPUBLIQUE DE) TELEFAX: +238 61 3069 EMAIL: info.anac@anac.cv		
<b>001</b>	AERONAUTICA CIVIL, SAL	<b>002</b>	CORREIOS E TELECOMUNICACOES
<b>003</b>	C.P.R. MARCONI, LISBOA	<b>005</b>	RADIO CLUBE SAO FILIPE, S FILIPE
<b>006</b>	RADIO VOZ DE S VICENTE, MINDELO	<b>007</b>	TRANSPORTES AEREOS DE CABO VERDE, PRAIA

## SECTION IV - Table 12A/12B

<b>CRO</b>	Crozet Archipelago
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- A** MONSIEUR LE DIRECTEUR GENERAL  
 AGENCE NATIONALE DES FREQUENCES  
 78, AVENUE DU GENERAL DE GAULLE - BP400  
 94704 MAISONS ALFORT CEDEX  
 FRANCE  
 EMAIL: earthcoord@anfr.fr (Stations terriennes)  
 EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)  
 EMAIL: tercoord@anfr.fr (Services de Terre)  
 TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
 TELEFAX: +33 1 45 18 73 90 (Stations terriennes)
- B** M. L'ADMINISTRATEUR SUPERIEUR DES  
 TERRES AUSTRALES ET ANTARCTIQUES  
 FRANCAISE  
 34 RUE DES RENAUTES  
 F - 75017 PARIS  
 TELEX: TAAF 640980 F
- 001** ETABLISSEMENT DE L'ARCHIPEL CROZET                      **002**    DEFENSE NATIONALE  
**018** METEOROLOGIE

<b>CTI</b>	Côte d'Ivoire
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- A** AGENCE IVOIRIENNE DE GESTION DES FREQUENCES RADIOELECTRIQUES  
 ABIDJAN - MARCORY ANOUMANBO  
 17 B.P. 444, ABIDJAN 17  
 COTE D'IVOIRE  
 PHONE: +225 20345958  
 PHONE: +225 20344274  
 EMAIL: gabriel.koffi@aigf.ci  
 EMAIL: courrier@aigf.ci  
 EMAIL: DPI-UIT@aigf.ci  
 TELEFAX: +225 20344965
- 001** FORCES ARMEES NATIONALES DE COTE                      **002**    MARINE NATIONALE  
 D'IVOIRE (FANCI)
- 003** GROUPEMENT AERIEN DES TRANSPORTS DE                      **004**    AUTORITE NATIONALE DE L'AVIATION  
 LIAISON (G.A.T.L.)                      CIVILE (ANAC)
- 005** FORCES ARMEES FRANCAISES                      **006**    REGIE ABIDJAN NIGER (R A N)  
**007** COTE D'IVOIRE TELECOM                      **008**    GENDARMERIE NATIONALE  
**009** DOUANES IVOIRIENNES                      **010**    MINISTERE DE L'INTERIEUR  
**011** AMBASSADES                      **012**    GROUPEMENT DES SAPEURS POMPIERS  
    MILITAIRES (GSPM)
- 013** SOCIETES ET COMPAGNIES PRIVEES                      **014**    SOCIETE D'EXPLOITATION DES AERODROMES  
 CONTROLEES PAR L'AGENCE DES                      ET DE LA METEOROLOGIE (SODEXAM)  
 TELECOMMUNICATIONS DE COTE D'IVOIRE  
 (ATCI)
- 015** SOCIETE DE DISTRIBUTION D'EAU DE COTE                      **016**    RADIODIFFUSION NATIONALE  
 D'IVOIRE (SODECI)
- 017** TELEVISION                      **018**    SECURITE INTERIEURE  
**019** ENERGIE ELECTRIQUE DE LA COTE D'IVOIRE                      **020**    PRESIDENCE DE LA REPUBLIQUE DE COTE  
 (EECI)                      D'IVOIRE
- 021** ORGANISATION REGIONALE AFRICAINE DE                      **022**    HAUTE AUTORITE DE LA COMMUNICATION  
 COMMUNICATIONS PAR SATELLITE (RASCOM)                      AUDIOVISUELLE (HACA)  
**023** AUTORITE DE REGULATION DES                      **024**    DIRECTION GENERAL DES AFFAIRES  
 TELECOMMUNICATIONS/TIC DE COTE                      MARITIMES ET PORTUAIRES (DGAMP)  
 D'IVOIRE (ARTCI)
- 025** AIR COTE D'IVOIRE                      **026**    PORT AUTONOME D'ABIDJAN  
**027** PORT AUTONOME DE SAN PEDRO                      **028**    SOCIETES ET COMPAGNIES PRIVEES  
    CONTROLEES PAR LA HACA
- 029** SOCIETES ET COMPAGNIES PRIVEES                      **030**    SOCIETES ET COMPAGNIES PRIVEES  
 CONTROLEES PAR L'ARTCI                      CONTROLEES PAR L'ANAC
- 031** SOCIETES ET COMPAGNIES PRIVEES                      **032**    AUTRES  
 CONTROLEES PAR L'AIGF

## SECTION IV - Table 12A/12B

CTR	Costa Rica
<b>A</b>	MINISTERIO DE CIENCIA, TECNOLOGIA Y TELECOMUNICACIONES VICEMINISTERIO DE TELECOMUNICACIONES SAN JOSE 10101 COSTA RICA PHONE: +506 2211 1200 EMAIL: internacionales@micit.go.cr
001	COMPANIA RADIOGRAFICA INTERNACIONAL DE COSTA RICA
003	PAN AMERICAN AIRWAYS OF COSTA RICA
005	TACA INTERNATIONAL AIRLINES
007	LACSA
009	EDUARDO MARTINEZ J.
011	ARNOLDO VARGAS V.
014	MINISTERIO AGRICULTURA
016	CARLOS ALFARO MCADAM
018	ANTONIO MUROLO C.
020	UNIVERSIDAD DE COSTA RICA
022	ANTONIO FCO. CANAS I.
024	J. F. LA FUENTE C.
026	CARLOS E. CORDOBA
029	ASOC. IGLESIAS BIBLICAS
031	GUILLERMO GRILLO O.
033	LUIS GRAU VILLALOBOS
035	ROGER SOBRADO
037	SAMUEL BERMUDEZ J.
039	VICTOR VIQUEZ H.
041	MARCO A. MUNOZ
043	DANILO CASTRO C.
045	RADIO RUMBO LTD.
047	INSTITUTO COSTARRICENSE DE ELECTRICIDAD SABANA APDO,10032 S JOSE,COSTA RICA
049	ASOCIACION COSTARRICENSE DE INFORMACION Y CULTURA
051	ASOCIACION RADIO MARIA
053	BEEPERMATIC DE COSTA RICA SA
055	CARACOSTA SA
057	CONFERENCIA EPISCOPAL DE COSTA RICA
059	DIFUSORA RASACA SA
061	GUIRIBIZO DE COSTA RICA SA
063	HERRERA TROYO S.A
065	JOSE RODOLFO TRAUBE ZAMORA
067	LAS TEMPORALIDADES DE LA DI6SECS DE SAN ISIDRO DEL GENERAL
069	MANUEL ANGEL QUESADA CAMPOS
071	MOTOS JAWA DE COSTA RICA S.A.
073	RADIO CIMA SA
075	RADIO INTERCONTINENTAL S.A.
077	RADIO MONUMENTAL SA
079	RADIO OCHENTA Y OCHO ESTEREO SA
081	RADIO RUMBO
083	RADIO VICTORIA LTDA
085	ROGER BARAHONA & HERMANOS SA
087	SOCIEDAD CENTRAL DE RADIOS COR, SA
089	SOCIEDAD PRODUCCIONES CASTRO SA
091	TEMPORALIDADES DE LA IGLESIA CATOLICA DIOCESIS DE LIMON
093	TERRA DOS DE SAN JOSE SA
095	TRECE OCHENTA RADIO GUANACASTE SA
097	VIASA DE COSTA RICA SA
099	COSTARRICENSE DE LOS ADVENTISTAS DEL SETIMO DIA (ASOCIACION RADIO LIRA)
101	B.B C. RADIO S.A.
103	CADENA MUSICAL S.A.
105	COMPANIA NACIONAL DE RADIODIFUSION LTDA
002	SERVICIO DE GOBIERNO
004	BANCO NACIONAL DE COSTA RICA
006	ORTIZ Y JIMENEZ LTD.
008	EMBAJADA DE NICARAGUA
010	JORGE CASTRO C.
013	LEONEL PINTO
015	ROGER BARAHONA G.
017	RAMON AGUILAR V.
019	MARIO SOTELA
021	GUILLERMO SAENZ O.
023	RICARDO CASTRO CANAS
025	ORLANDO SOTELA M.
027	PRBO. A. TROYO
030	PEDRO ARGUELLO C.
032	OSCAR TORRES R.
034	ENRIQUE CARVAJAL A.
036	MON. CARLOS H. RODRIGUEZ
038	ARMANDO CESPEDES A.
040	PRBO. GONZALO JIMENEZ A.
042	HECTOR R. CARAZO
044	LINEAS AEREAS COSTARRICENSES S.A.
046	HECTOR FERLLINI SALAZAR
048	ASOCACION DE COMUNICACIONES FARO DEL CARIBE
050	ASOCIACION DE CRISTO ELIM
052	ASOCIACION RADIO MUNDIAL ADVENTISTA
054	CADENA DE EMISORAS COLUMBIA SA
056	CENTRO AMERICANA DE VENTAS SA
058	DEPORTES UNIDOS SA
060	FUNDACION CIUDADELAS DE LIBERTAD
062	HERNAN FALLAS FALLAS
064	INSTITUTO COSTARRICENSE DE ENSEÑANZA RADIOFONICA
066	LAS FRECUENCIAS SA
068	LUIS GUSTAVO JIMENEZ RAMIREZ
070	MARCOSA M Y V S A.
072	RADIO CASINO S.A.
074	RADIO INTEGRIDAD R1 SA
076	RADIO MIL S.A.
078	RADIO NICOYA S.A
080	RADIO PAMPA S.A
082	RADIO UINIVERSIDAD
084	ROBERTO HERNANDEZ RAMIREZ
086	SISTEMA NACIONAL DE RADIO Y TELEVISION S.A.
088	SOCIEDAD PERIODISTICA EXTRA LIMITADA
090	TEMPORALIDADES DE LA ARQUIDIOCESIS DE SAN JOSE
092	TEMPORALIDADES DE LA IGLESIA CATOLICA DIOCESIS DE CIUDAD QUESADA
094	THE WORLDWIDE UNIVERSITY NETWORK RADIO OF COSTA RICA SA
096	UNIVERSIDAD DE COSTA RICA
098	ASOCIACION DE COMUNICACIONES FARO DEL CARIBE ASOCIACION IGLESIA
100	ASOCIACION INSTITUTO COSTARRICENSE DE ENSEÑANZA RADIOFONICA
102	BEEPERMATIC DE COSTA RICA S.A.
104	CARLOS UMANA ROJAS (SENDAS FRECUENCIA MODULADA DE VIDA S.A)
106	COMPANIA RADIOFONICA AZUL S.A. (RADIOFONICA AZUL S.A.)

## SECTION IV - Table 12A/12B

CTR	Costa Rica		
107	CORPORACION RADIOFONICA ALFA Y OMEGA S.A.	108	EL PAPIRO INVERSIONES SURAMERICANAS IS S.A.
109	FUNDACION CIUDADELAS DE LIBERTAD	110	GRUPO CENTRO S.A.
111	GRUPO LATINO DE RADIODIFUSION COSTA RICA S.A.	112	GRUPO RADIOFONICO TBC S.A.
113	HERRERA TROYO S.A.	114	INVERSIONES EN COMUNICACION Y CULTURA ICC S.A.
115	JUAN VEGA QUIROS	116	LAS TEMPORALIDADES DE LA DIOCESIS DE SAN ISIDRO DEL GENERAL (RADIO SINAL)
117	LEIVA FALLAS LIDIO ALBERTO	118	MARCOSA M Y V S.A.
119	ONDA RADIAL MARMUCAST S.A.	120	PRODUCCIONES RADIOFONICAS DE SAN JOSE S.A.
121	PRODUCCIONES Y GRABACIONES LARG S.A.	122	QUADRANTE S.A.
123	RADIO CASINO S.A.	124	RADIO COLUMBIA S.A.
125	RADIO DOS S.A.	126	RADIO MIL S.A.
127	RADIO PENINSULAR ESTEREO S.A.	128	RADIO RUMBO LTDA
129	RADIODIFUSORA DEL PACIFICO LTDA.	130	SISTEMA NACIONAL DE RADIO Y TELEVISION CULTURAL
131	SOCIEDAD CENTRAL DE RADIO CDR, S.A.	132	SONIDO LATINO FM S.A.
133	STEREO BAHIA LTDA	134	SUPER RADIO FM S.A.
135	TEMPORALIDADES DE LA ARQUIDIOCESIS DE SAN JOSE	136	UNIVERSIDAD DE COSTA RICA
137	ASOCIACION CRISTIANA DE COMUNICACIONES CANAL VEINTIRES	138	ASOCIACION CULTURAL CRISTO VISION
139	ASOCIACION LUMEN LA GRANJA SAN PEDRO	140	BIVISION DE COSTA RICA S.A.
141	CADENA DE TELEVISION COMUNITARIA DEL CARIBE S.A.	142	CANAL CINCUENTA DE TELEVISION S.A.
143	CANAL CINCUENTA Y UNO S.A.	144	CANAL COLOR S.A.
145	CELESTRON S.A.	146	CONFERENCIA EPISCOPAL NACIONAL DE COSTA RICA
147	CORPORACION COSTARRICENSE DE TELEVISION S.A.	148	DONA NENA S.A.
149	FUNDACION INTERNACIONAL DE LAS AMERICAS	150	GENESIS TELEVISION S.A.
151	GRANRO TELEVISORA DEL SUR S.A.	152	GRUPO TAGAMA S.A.
153	LA JICARA S.A.	154	LA PRODUCTORA CENTROAMERICANA DE TELEVISION S.A.
155	LINBERGH QUESADA ALVAREZ	156	LOCAL TM APTO TM APTO ROM S.A
157	MINISTERIO DE EDUCACION PUBLICA (SINART)	158	OTOCHE S.R.L.
159	RADIO COSTA RICA NOVECIENTOS TREINTA AM S.A.	160	RED TELEVISION Y AUDIO S.A.
161	SOCIEDAD PERIODISTICA EXTRA LTDA	162	T.V. DIECINUEVE UHF S.A.
163	TV NORTE CANAL CATORCE S.A.	164	TECNICOS EN TELECOMUNICACIONES S.A.L.
165	TELEAMERICA S.A.	166	TELESISTEMA NACIONAL S.A.
167	TELEVISION Y AUDIO S.A.	168	TELEVISORA CANAL VEINTISIETE M.M. S.A.
169	TELEVISORA CRISTIANA S.A.	170	TELEVISORA DE COSTA RICA S.A.
171	TELEVISORA SUR Y NORTE S.A.	172	TRIVISION DE COSTA RICA S.A.
173	TV DE SAN JOSE UHF S.A.	174	UNIVERSIDAD DE COSTA RICA
175	BT LATAM COSTA RICA S.A.	176	CABLE ARENAL DEL LAGO S.A.
177	CABLE CARIBE S.A.	178	CABLE CENTRO S.A.
179	CABLE COSTA S.A.	180	CABLE SUIZA S.A.
181	CABLE SUR S.A.	182	CABLE TALAMANCA S.A.
183	CABLE TELEVISION DOBLE R, S.A	184	CABLE VISION DE COSTA RICA CVCR S.A.
185	CABLE VISION DE OCCIDENTE S.A.	186	CABLE ZARCERO S.A.
187	CABLEPLUS S.A.	188	CLARO CR TELECOMUNICACIONES S.A.
189	COOPERATIVA DE ELECTRIFICACION RURAL DE ALFARO RUIZ, R.L.	190	COOPERATIVA DE ELECTRIFICACION RURAL DE GUANACASTE R.L.
191	COOPERATIVA DE ELECTRIFICACION RURAL DE SAN CARLOS R.L.	192	COOPERATIVA DE ELECTRIFICACION RURAL LOS SANTOS R.L.
193	CORPORACION CENTROAMERICANA DE SERVICIOS DE NAVEGACION AREA (CO CESNA)	194	DATZAP LIMITED LIABILITY COMPANY
195	EMBAJADA DE LOS ESTADOS UNIDOS DE AMERICA	196	GACHRIS CONSULTORES S.A.
197	GREGORIO VELO GIAO	198	INVERSIONES BRUS MALIS LTDA
199	LOCAL APTO ROM	200	MILLICOM S.A.
201	MUSICAR FRECUENCIA SATELITAL S.R.L.	202	SERVICIOS DIRECTOS DE SATELITE S.A.
203	SERVICIOS FEMAROCA TV S.A.	204	SERVITEL CORP S.A.
205	SISTEMA NACIONAL DE RADIO Y TELEVISION S.A.	206	TELEFONICA DE COSTA RICA TC S.A.
207	TELEVISORA DE COSTA RICA S.A.	208	UFINET COSTA RICA S.A.
209	RADIO SABROSA S.A.	210	ENRRAGUPI Y F.G.S.S.A.
211	RADIO UNO S.A.	212	MINISTERIO DE AMBIENTE Y ENERGIA DE COSTA RICA

## SECTION IV - Table 12A/12B

<b>CTR</b>	Costa Rica
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213 MINISTERIO DE SEGURIDAD PUBLICA DE  
COSTA RICA

<b>CUB</b>	Cuba
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**A** DIRECCION DE CONTROL DEL ESPECTRO RADIOELECTRICO  
MINISTERIO DE COMUNICACIONES  
PLAZA DE LA REVOLUCION "JOSE MARTI"  
LA HABANA CP 10600  
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**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

001 SWEDISH GOVERNMENT  
003 EMTELCUBA  
005 U.S. GOVERNMENT

002 CUBANA DE AVIACION  
004 SOCIEDAD NACIONAL DE LA CRUZ ROJA  
006 INTERSPUTNIK

<b>CUW</b>	Curaçao
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**A** MINISTRY OF ECONOMIC AFFAIRS, AGRICULTURE AND  
INNOVATION  
RADIO COMMUNICATIONS AGENCY  
P.O. BOX 450  
9700 AL GRONINGEN  
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TELEFAX: +31 50 58 77 400

<b>CVA</b>	Vatican
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**A** GOVERNATORATO - SECRETARIAT GENERAL  
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VATICAN  
TELEFAX: +39 06 69883955  
TELEX: 05042011 raddirtec va

001 ETAT DE LA CITE DU VATICAN

002 DIRECTION RADIO VATICAN

<b>CYM</b>	Cayman Islands
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SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

**B** THE POSTMASTER,  
GENERAL POST OFFICE,  
GRAND CAYMAN (WEST INDIES)

001 CABLE AND WIRELESS (W.I.) LTD., LONDON

002 THE GOVERNOR, GRAND CAYMAN, CAYMAN  
ISLANDS

003 CIVIL AVIATION DEPARTMENT

004 INTERNATIONAL AERADIO (CARIB) LTD.

## SECTION IV - Table 12A/12B

<b>CYM</b>	Cayman Islands
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005 I.A. (C) L, PORT OF SPAIN, TRINIDAD

<b>CYP</b>	Cyprus
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- A** DEPARTMENT OF ELECTRONIC COMMUNICATIONS  
P.O. BOX 24647  
CY - 1302 NICOSIA  
CYPRUS  
EMAIL: INFO.DEC@DEC.DMRID.GOV.CY (Terrestrial Services)  
EMAIL: SATCOORD@DEC.DMRID.GOV.CY (Space Services)  
TELEFAX: +357 22 409650 (Space Services)  
TELEFAX: +357 22 321925 (Terrestrial Services)
- B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
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TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- C** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEFAX: +1 212 9631939  
TELEX: 023289696
- |  |  |
|--|--|
| <b>001</b> CYPRUS TELECOMMUNICATIONS AUTHORITY,<br>NICOSIA | <b>002</b> UNITED KINGDOM GOVERNMENT   |
| <b>003</b> GOVERNMENT OF CYPRUS                            | <b>004</b> UNITED NATIONS  |
| <b>006</b> CIVIL AVIATION DEPT., CYPRUS                    | <b>007</b> MINISTRY OF INTERIOR, NICOSIA   |
| <b>008</b> MINISTRY OF COMMUNICATIONS AND WORKS            | <b>009</b> MINISTRY OF COMMUNICATIONS AND WORKS<br>(FOR THE ATTENTION OF CYPRUS<br>TELECOMMUNICATIONS AUTHORITY) |
| <b>010</b> THE CYPRUS DEVELOPMENT BANK                     | <b>011</b> HELLAS-SAT CONSORTIUM LIMITED   |
| <b>012</b> PIERIS AEROSPACE LIMITED                        | <b>013</b> OVERHORIZON OHO 1 LIMITED   |
| <b>014</b> OLYMPUS SATELLITES LIMITED                      | <b>015</b> AVANTI HYLAS 2 CYPRUS LTD   |
| <b>016</b> ASEAN KYPROS SATELLITES LTD                     | <b>017</b> ETL (CYPRUS) LTD  |
| <b>018</b> ES 174E LTD                                     | <b>020</b> FUTURE GALACTIC SPACE RESOURCES LTD   |

<b>CZE</b>	Czech Republic
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- A** CZECH TELECOMMUNICATIONS OFFICE  
INTERNATIONAL RELATIONS DEPARTMENT  
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CZECH REPUBLIC  
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TELEFAX: +420 22400 4830
- B** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 54 40777 RADCON S
- |   |  |
|---|--|
| <b>001</b> MINISTRY OF ECONOMICS, PRAHA                           | <b>002</b> MINISTRY OF TRANSPORT, PRAHA      |
| <b>003</b> CESKY ROZHLAS, CESKA TELEVIZE, PRAHA                   | <b>004</b> GOVERNMENT OF THE SWEDEN          |
| <b>005</b> MINISTRY OF THE FOREIGN AFFAIRS, PRAHA                 | <b>006</b> EMBASSY OF THE REPUBLIC OF TURKEY |
| <b>007</b> DIPLOMATIC MISSIONS IN THE CZECH<br>REPUBLIC           | <b>008</b> INTERSPUTNIK                      |
| <b>009</b> CESASAT PARDUBICE - SATELLITE<br>COMMUNICATION SYSTEMS | <b>010</b> ASTRONOMICAL INSTITUTE ASCR       |
| <b>011</b> JAROSLAV LAIFR   | <b>012</b> PEKASAT SE                        |

## SECTION IV - Table 12A/12B

<b>D</b>	Germany
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- A** FEDERAL NETWORK AGENCY FOR ELECTRICITY , GAS,  
TELECOMMUNICATION, POST AND RAILWAYS  
FREQUENCY MANAGEMENT  
SECTION 223  
P.O. BOX 8001  
D - 55003 MAINZ  
TELEFAX: +49 6131 185614  
EMAIL: poststelle@BNetzA.de
- B** FEDERAL NETWORK AGENCY FOR ELECTRICITY, GAS,  
TELECOMMUNICATION, POST AND RAILWAYS,  
CENTRALIZING OFFICE OF THE RADIO MONITORING  
SERVICE  
SECTION 511  
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D - 55003 MAINZ  
TELEFAX: +49 6131 185602  
EMAIL: 511.postfach@bnetza.de  
TELEX: 4187404 MONI D
- C** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- D** SWISS TELECOM PTT  
CH-3030 BERNE  
SUISSE  
TELEFAX: +41 31 3382549
- E** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- H** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AV. DU GENERAL DE GAULLE - BP400  
94 704 MAISONS ALFORT CEDEX  
FRANCE  
TELEFAX: +33 1 45187231
- J** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S
- K** FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC  
FREQUENCY OFFICE  
ARSENAL, OBJEKT 22, POB 79  
A-1103 WIEN / AUSTRIA  
TELEX: 131 800 MONI A
- L** THE CHAIRMAN AND DIRECTOR GENERAL  
SUDAN TELECOMMUNICATIONS CORPORATION  
MINISTRY OF TRANSPORT AND COMMUNICATIONS  
KHARTOUM  
TELEX: 299 GENTEL KM
- M** BUNDESNETZAGENTUR FUR ELEKTRIZITAT, GAS,  
TELEKOMMUNIKATION, POST UND EISENBAHNEN  
CANISIUSSTR. 21  
D- 55122 MAINZ
- |   |  |
|---|--|
| <p><b>001</b> DEUTSCHE BUNDESPOST</p> <p><b>003</b> EUROPAEISCHE RUNDFUNK- UND FERNSEH-<br/>A.G. SAARBRUECKEN</p> <p><b>005</b> DEUTSCHE BUNDESPOST, BERLIN</p> <p><b>007</b> BAYERISCHER RUNDFUNK, MUENCHEN</p> <p><b>009</b> SUEDEWESTFUNK, BADEN-BADEN</p> | <p><b>002</b> DEUTSCHE BUNDESPOST (POLIZEI)</p> <p><b>004</b> WESTDEUTSCHER RUNDFUNK, KOELN</p> <p><b>006</b> SUEDEDEUTSCHER RUNDFUNK, STUTTGART</p> <p><b>008</b> HESSISCHER RUNDFUNK, FRANKFURT (MAIN)</p> <p><b>010</b> NORDDEUTSCHER RUNDFUNK, HAMBURG</p> |
|---|--|

## SECTION IV - Table 12A/12B

D	Germany		
011	UNITED STATES ARMY	012	LUFTTRANSPORT-UNTERNEHMEN G.M.B.H. UND CO.K.G. DUESSELDORF
013	IONOSPHAEREN-INSTITUT BREISACH	014	DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT FUER LUFT- UND RAUMFAHRT, ZWEIGSTELLE OBERPFAFFENHOFEN
015	DEUTSCHE LUFTHANSA A.G., FRANKFURT AM MAIN	016	FORCES TERRESTRES FRANCAISES
017	FORCES AERIENNES FRANCAISES	018	UNITED STATES GOVERNMENT
019	SURETE FRANCAISE	020	UNITED KINGDOM GOVERNMENT
021	"ESA" EUROPEAN SPACE AGENCY	022	BUNDESMINISTERIUM FUER VERKEHR, BONN
023	NUERNBERGER FLUGDIENST INTRO INTERN.	024	BUNDESMINISTERIUM FUER VERTEIDIGUNG, BONN
025	CONTACTAIR STUTTGART	026	SAARLAENDISCHER RUNDfunk, SAARBRUECKEN
027	RADIO BREMEN, BREMEN	028	DEUTSCHE BUNDESPOST (DEUTSCHE BUNDESBahn, BUNDESBahn - ZENTRALAMT, MUENCHEN)
029	DEUTSCHE LUFTHANSA A.G., HAMBURG	030	REGIONALFLUGHAFEN SUEDEST-WESTFALEN GMBH, BUEREN-AHDEN
031	FLUGHAFEN FRIEDRICHSHAFEN GMBH, FRIEDRICHSHAFEN 1	032	REGIONALFLUGHAFEN SUEDEST-WESTFALEN GMBH, PADERBORN
033	FLUGHAFEN MUENSTER-OSNABRUECK GMBH, GREVEN	034	REGIERUNG VON MITTELFRANKEN, NUERNBERG 99
035	BELGISCHE RADIO EN TELEVISIE	036	MBB TRANSPORT- UND VERKEHRSFLUGZEUGE, LEMWERDER
037	FLENSBURGER FLUGHAFENBETRIEBSGESELLSCHAFT M.B.M.	038	LUFTAMT NORDBAYERN
039	REGIERUNG VON OBERBAYERN, LUFTAMT SUDBAYERN	040	DEUTSCHE GESELLSCHAFT ZUR RETTUNG SCHIFFBRUECHIGER, BREMEN
041	MAX-PLANCK-INSTITUT FUER RADIOASTRONOMIE AUF DEM HUEGEL 69, 5300 BONN 1	042	DEUTSCHE BUNDESPOST (DEUTSCHER WETTERDIENST, ZENTRALSTELLE, FRANKFURT (MAIN) )
049	SENDER FREIES BERLIN, BERLIN-WILMERSDORF	050	MAX-PLANCK-INSTITUT, GARCHING
057	GOUVERNEMENT DE LA SUEDE	058	FLUGHAFENBETRIEBSG.M.B.H., SALZBURG
059	EMBASSY OF THE REPUBLIC OF THE SUDAN	060	AIRAMBULANCE
061	ATLASAIR	062	HAPAG LLOYD
063	WIKING HELICOPTER	064	CFN
065	RIAS BERLIN	066	FLUGHAFEN DORTMUND GMBH, 4600 DORTMUND 13
067	DITHMARSCHER FLUGPLATZ-BETRIEBSGMBH, 2220 ST. MICHAELISDON	068	VIEMANN WERKE, 3559 ALLENDORF (EDER)
069	FLUGHAFENGESELLSCHAFT MOENCHENGLADBACH GMBH, 4050 MOENCHENGLADBACH 1	070	FA. DORMIER GMBH, FLUGHAFENVERWALTUNG, 8000 MUENCHEN 66
071	FLUGHAFENGESELLSCHAFT BRAUNSCHWEIG M.B.H. 3300 BRAUNSCHWEIG	072	FLUGHAFEN GMBH, KASSEL
073	FLUGHAFEN SYLT GMBH	074	HESSISCHE FLUGPLATZ GMBH (HFG)
075	MINISTERE DES POSTES ET TELECOMMUNICATIONS DE RUSSIE, MOSKVA	076	MAX-PLANCK-INSTITUT FUER RADIOASTRONOMIE AUF DEM HUEGEL 69 5300 BONN 1
077	BER LINE BERLIN-BRANDENBURGISCHES LUFTFAHRTUNTERNEHMEN GMBH FLUGHAFEN, BLOCK "F" 0-1189 BERLIN-SCHONEFELD	078	BUNDESMINISTERIUM DES INNEREN, BONN
079	U.S. GOVERNMENT	080	DEUTSCHE AIRBUS GMBH, HAMBURG
081	VOICE OF AMERICA	082	SATCON GMBH, TELTOW
083	QUASIGEO	084	FLUGHAFEN PADERBORN LIPPSTADT GMBH
085	FLUGHAFEN FRANKFURT MAIN AG	101	MINISTERIUM FUR POST-UND FERNMELDEWESEN
102	EUROPE*STAR GMBH	103	OHB-SYSTEM GMBH, BREMEN
104	DEUTSCHE TELEKOM AG	105	DEUTSCHLANDRADIO, KOLN
106	FLUGPLATZ ZWEIBRUEKEN	107	FLUGHAFEN PADERBORN LIPPSTADT GMBH
108	FLUGHAFEN ROSTOCK LAAGE GUSTROW GMBH	109	DAIMLER BENZ AEROSPACE GMBH
110	STADT HOF	111	FLUGPLATZ ALTENBURG NOBITZ GMBH
112	KIELER FLUGHAFENGESELLSCHAFT MBH	113	FLUGHAFEN LUBECK GMBH
114	FLUGHAFEN FRIEDRICHSHAFEN GMBH	115	RHEIN MOSEL FLUGHAFEN HAHN
116	FLUGHAFEN SYLT GMBH	117	SATPHONE, LONDON
118	FLUGPLATZ SCHWAEBISH ALL GMBH	119	FLUGHAFEN ROTHENBURG / GOERLITZ GMBH
120	FLUGPLATZ MINGEN GMBH	121	FLUGHAFEN SYLT GMBH
122	FLUGHAFENGESELLSCHAFT MOENCHENGLADBACH GMBH	123	OSTSEEFLUGPLATZ BARTH
124	FLUGPLATZ BAUTZEN	125	FLUGHAFEN SUEDE BRANDENBURG COTTBUS
126	FLUGPLATZ SPEYER / LUDWIGSHAFEN GMBH	127	FLUGHAFEN PARCHIM MECKLENBURG GMBH
128	FLUGPLATZ ALTENBURG NOBITZ GMBH	129	FLUGHAFEN HERINGSBACH GMBH
130	EUMETSAT, DARMSTADT	131	FLUGHAFEN NEUBRANDENBURG, TROLLENHAGEN
132	FLUGPLATZ MAGDEBURG GMBH	133	FLUGHAFEN DORTMUND - WICKEDER GMBH



## SECTION IV - Table 12A/12B

<b>D</b>	Germany	
134	AUGSBURGER FLUGHAFEN GMBH	135 DORNIER SATELLITENSYSTEME GMBH, 88039 FRIEDRICHSHAFEN
136	DEUTSCHE WELLE	137 Mitteldeutscher Rundfunk
138	ASTRIUM GMBH	139 RapidEye AG
140	JULIUS-MAXIMILIANS-UNIVERSITAET WUERZBURG COMPUTER SCIENCE VII: ROBOTICS AND TELEMATICS	141 TU DRESDEN, UNIVERSITY OF TECHNOLOGY
142	UNIVERSITAET STUTTGART	143 UNIVERSITAT MUNCHEN
144	STADOKO UG	145 INTELSAT
146	FEDERAL AGENCY FOR CARTOGRAPHY AND GEODESY GEODETIC OBSERVATORY WETTZELL (GOW)	147 ZENTRUM FUR TELEMATIK E.V.
148	UNIVERSITAT WURZBURG	149 GERMAN ORBITAL SYSTEMS GMBH
150	MAX-PLANCK-INSTITUT FUER ASTROPHYSIK	151 THURINGER LANDESSTERNWARTE
152	RUHR-UNIVERSITAT BOCHUM, ASTRONOMISCHES INSTITUT	153 UNIVERSITAT BIELEFELD, FAKULTAT FUR PHYSIK
154	LEIBNITZ-INSTITUT FUER ASTROPHYSIK	155 ALBA ORBITAL
156	UNION AEROSPACE COMPONENTS	157 GOVERMENTAL - GENERAL
158	APUS TELECOM SATELLITE SERVICES GMBH	159 FRAUNHOFER EMI
160	SAT4M2M COMMERCIAL GMBH	161 LACUNA SPACE
162	KEPLER COMMUNICATIONS	163 TRSI
164	SWARM TECHNOLOGIES	165 HUGHES NETWORK SYSTEMS GMBH
166	AMAZON DEVELOPMENT CENTER GERMANY GMBH	

<b>DGA</b>	Diego Garcia	
<b>A</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100	
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520	
<b>001</b>	U.S. GOVERNMENT	

<b>DJI</b>	Djibouti	
<b>A</b>	DJIBOUTI TELECOM SA 3, BD G. POMPIDOU BP 2105 REPUBLIQUE DE DJIBOUTI EMAIL: djibouti_telecom@intnet.dj PHONE: +253 21 351110 TELEFAX: +253 21 355757	
<b>B</b>	MINISTERE DE LA CULTURE ET DE LA COMMUNICATION CHARGE DES POSTES ET DES TELECOMMUNICATIONS PORTE PAROLE DU GOUVERNEMENT AV CHEIK OSMAN BP 32 REPUBLIQUE DE DJIBOUTI PHONE: +253 21 353928 TELEFAX: +253 21 353957 EMAIL: mccpt@intnet.dj	
<b>001</b>	FORCES TERRESTRES FRANCAISES	<b>002</b> MARINE FRANCAISE
<b>003</b>	AERONAUTIQUE MILITAIRE FRANCAISE	<b>004</b> AVIATION CIVILE
<b>005</b>	SOUS TUTELLE DJIBOUTI TELECOM SA	<b>006</b> DJIBOUTI TELECOM SA
<b>007</b>	DIRECTION DES AFFAIRES MILITAIRES FRANCAISES	<b>008</b> CENTRE D'ETUDE ET DE RECHERCHE SCIENTIFIQUE DE DJIBOUTI (CERD)
<b>010</b>	PORT DE DJIBOUTI SA	<b>011</b> DEFENSE NATIONALE
<b>012</b>	ORGANISATIONS SOUS TUTELLE DJIBOUTI TELECOM SA	<b>013</b> RTD (RADIODIFFUSION TELEVISION DE DJIBOUTI)

## SECTION IV - Table 12A/12B

<b>DJI</b>	Djibouti
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014	FORCES TERRESTRES DE DJIBOUTI	015	MARINE NATIONALE DE DJIBOUTI
016	AERONAUTIQUE MILITAIRE DE DJIBOUTI	017	GENDARMERIE DE DJIBOUTI
018	MINISTERE DE L'INTERIEUR	019	AEROPORT INTERNATIONAL DE DJIBOUTI
020	GARDE REPUBLICAINE DE DJIBOUTI	021	GARDE-COTES DJIBOUTIENNE
022	AMBASSADES	023	FORCES DE SECURITE AMERICAINE
024	FORCES DE SECURITE JAPONAISE	025	FORCES DE SECURITE EUROPEENNE
026	FORCES DE SECURITE ITALIENNE		

<b>DMA</b>	Dominica
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<b>A</b>	MINISTRY OF COMMUNICATIONS, WORKS AND HOUSING GOVERNMENT HEADQUARTERS ROSEAU TELEFAX: +1 809 448 4807/2883		
001	CABLE AND WIRELESS (W.I.) LTD., LONDON	002	GOVERNMENT OF DOMINICA
003	INTERNATIONAL AERADIO (CARIB) LIMITED	004	DOMINICA HOTELS LTD.
005	DOMINICA POLICE	006	PUBLIC WORKS DEPARTMENT
007	GOVERNOR OF THE WINDWARD ISLANDS	008	WEST INDIES BROADCASTING SERVICE
009	RADIO CARIBBEAN INTERNATIONAL LTD.	010	GOSPEL BROADCASTING CORPORATION (USA)
011	ROMAN CATHOLIC BISHOP, DIOCESE OF ROSEAU		

<b>DNK</b>	Denmark
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<b>A</b>	NATIONAL IT AND TELECOM AGENCY EXECUTIVE SECRETARIAT HOLSTEINSGADE 63 DK - 2100 KOBENHAVN TELEFAX: +45 35431434/ +45 35433910 TELEX: 055 31100 NTA DK EMAIL: TST@TST.DK PHONE: 45 35 450 118 / 000		
<b>B</b>	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR		
<b>C</b>	DANISH BUSINESS AUTHORITY DAHLERUPS PAKHUS LANGELINIE ALLE 17 DK - 2100 COPENHAGEN TELEFAX: +45 3546 6001 PHONE: +45 3529 1000 EMAIL: fti@erst.dk		
<b>D</b>	DANISH ENERGY AGENCY AMALIEGADE 44 1256 COPENHAGEN DENMARK PHONE: (+45) 33 92 67 00 TELEFAX: (+45) 33 11 47 43 EMAIL: coordination@ens.dk		
001	MINISTRY OF GREENLAND, COPENHAGEN	002	DIRECTION DE L'AVIATION CIVILE COPENHAGUE
003	CHEF DE LA POLICE D'ETAT, COPENHAGUE	004	MINISTERE DE LA DEFENSE, COPENHAGUE
005	DANSK DECCA COMPANY, COPENHAGUE	006	DAMPSKIBSSELSKABET PAA BORNHOLM AF 1866
007	GRENAA - HUNDESTED FAERGEFART, KOBENHAVN	008	DANSKE STATSBANER, KOBENHAVN
009	SERVICE PHARES ET BALISES, COPENHAGUE	010	AARHUS HAVNEUDVALG, AARHUS
011	AIR CONTACT, VIBY J. AND AARHUSEGNENS FLYVEPLADS, AARHUS C.	012	DANISH METEOROLOGICAL INSTITUTE
013	HAVNEKOMMISSIONEN, FREDERIKSHAVEN	014	GRENAA BYRAAD, GRENAA

## SECTION IV - Table 12A/12B

<b>DNK</b>	<b>Denmark</b>
015	MINISTERE DU COMMERCE, DE L'INDUSTRIE ET DE LA NAVIGATION, COPENHAGUE
017	KALUNDBORG FLYVEPLADS
019	HASLE BY
021	KOEBENHAVNS FLYVEPLADS SKOVLUNDE
023	TELEFONVAERK FOEROYA LOEGTING, THORSHAVN
025	WENDELBOE'S RADIOSKOLE
027	BOHNSTEDT-PETERSEN A/S, HILLEROED
029	RINGSTED SVAEVEFLYVEKLUB
031	I/S STAUNING FLYVEPLADS
033	HOLSTEBRO KOMMUNE
035	A/S CONAIR, KOEBENHAVN
037	VIBORG FLYVEPLADS
039	JAPAN AIR LINES KASTRUP
041	FJORDUDVALGET, LEMVIG
043	FLYVEKLUBBEN AVIATOR, AALBORG
045	POLAROIL FAERINGEHAVN
047	HORSSENS FLYVEKLUB
049	MARIBO-ROEDBY FLYVEPLADS, ROEDBY
051	SEABORD WORLD AIRLINES, KASTRUP
053	LUFTHANSA, KOEBENHAVN
055	KNIVHOLDT FLYVEPLADS, FREDERIKSHAVN
057	KOLDING FLYVEKLUB, VEJEN
059	ESBJERG HAVN
061	LOT POLISH AIRLINES
063	DANTHERM SKIVE
065	FA.SUPERLET, FAKSE
067	ANHOLT FLYVEPLADS APS
069	FINNAIR, KASTRUP
072	TELE DANMARK A/S
181	NAVIGATIONS-DIREKTORATET
183	ESBJERG KOMMUNE
185	SKIVE FLYVEKLUB
187	SOESUM FLYVEPLADS
192	SINDAL KOMMUNE
194	BLUEAIR, DRAGOER
196	MIDTFLY, SKJERN
198	FLIGHT ACADEMY
200	SIEMENS DATA, BROENSHOJ
202	NORTH FLYING A/S ESBJERG
204	NORTHWEST AIRLINES INC. KASTRUP
206	LEGO SYSTEM A/S BILLUND
208	BOV KOMMUNE
210	LEMVIG KOMMUNE
212	FORENEDE DANSKE MOTOREJERE, KOEBENHAVN
441	CIMBER AIR
443	NATIONAL SPACE INSTITUTE
445	GOMSPACE APS
447	AARHUS UNIVERSITY
449	STERNULA APS
016	HIRTSHALS HAVN, HIRTSHALS
018	BILLUND LUFTHAVN
020	HERNING FLYVEPLADS
022	SVAEVEFLYVECENTRET ARNBORG
024	RADIOSKOLEN KLAKSVIK
026	FLYVEVAABNETS KONSTABELSKOLE
028	A/S AERO NORD INC., KASTRUP
030	EMBASSY OF THE REPUBLIC OF TURKEY
032	VESTJYDSK SVAEVEFLYVEKLUB
034	SCANDINAVIAN AIRLINES SYSTEM
036	STERLING AIRWAYS, KOEBENHAVN
038	THISTED LUFTHAVN, HANSTHOLM
040	RINGSTED FLYVEPLADS, RINGSTED
042	COPENHAGEN AIRTAXI, SKOVLUNDE
044	TELE DANMARK A/S
046	SAMSOE FLYVEKLUB, TRANEBJERG SAMSOE
048	ALLEROED FLY - CENTER
050	TIM FLYVEPLADS, TIM
052	BIRKEROD FLYVEKLUB
054	RANDERS KOMMUNE
056	MAERSK AIR, DRAGOER
058	VAMDRUP KOMMUNE
060	GAARDSVIGGAARD FLYVEPLADS
062	VANDBYGNINGSVAESENET
064	DELTA FLY, SKOVLUNDE
066	NORDALS FLYVEKLUB, NORDBORG
068	BERGOVIST HELIKOPTER-SERVICE
071	KOEBENHAVNS PRIVATFLYVEPLADS
077	FISKERIMINISTERIET, KOEBENHAVN
182	MAERSK AIR, KASTRUP
184	NAKSKOV KOMMUNE
186	DANSK UNDERGRUNDS CONSORTIUM
188	DANISH GOVERNMENT
193	SOENDERBORG KOMMUNE
195	FAAREVEJLE FLYVEPLADS
197	HADERSLEV FLYVEPLADS I/S
199	F-AIR, FREDERICA
201	UNITED PILOTS A/S ROSKILDE
203	INTER FLIGHT AIR SERVICE, SKOVLUNDE
205	KALI A/S VALBY
207	SVENDBORG KOMMUNE
209	DAN FLIGHT MUNDELSTRUP
211	LANDSVERKFRØEDINGURIN, TORSHAVN
213	EMBASSY OF THE RUSSIAN FEDERATION, COPENHAGEN
442	SOUTH AFRICAN EMBASSY, COPENHAGEN, DENMARK
444	EUROPEAN LUNAR EXPLORATION ASSOCIATION
446	AALBORG UNIVERSITY
448	AERIAL & MARITIME LTD

<b>DOM</b>	<b>Dominican Rep.</b>
------------	-----------------------

**A** INSTITUTO DOMINICANO DE LAS TELECOMUNICACIONES (INDOTEL)  
 AV. ABRAHAM LINCOLN, NO. 962, 1RA PLANTA  
 EDIF. OSIRIS, ENSANCHE PARAISO  
 SANTO DOMINGO 11202  
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 TELEFAX: +1 829 473 8544  
 TELEX: 0202 dgt 3466004  
 PHONE: +1 829 473 8554 / 8554  
 EMAIL: indotel@indotel.org.do

001	ALEJANDRO JEREZ ESPINAL/DIRADA FM	002	AM 88 & ASOCIADOS, S.A.
003	ANTENA FM, S.A	004	ANTONIO BAUDI MUSA
005	ANTONIO DAMIAN BRISSO BETANCES	006	ANTONIO ESPAILLAT
007	ANTONIO PEREZ	008	ANUNCIOS R&R C. POR A.
009	ARIDIO ANTONIO REYES	010	ASOC. DE DESARROLLO FRONTERIZO

## SECTION IV - Table 12A/12B

DOM	Dominican Rep.		
011	ASOC. LA BATALLA DE LA FE	012	ASOC. MISIONERA LA BATALLA DE LA FE
013	ASOCIACION PRO CULTURA DOMINICANA	014	ASOCIACION RADIO VISION CRISTIANA, INC.
015	BAUTISTA ANTONIO ROJAS GOMEZ	016	BRAULIO PORTES
017	CARLOS JOSE ROSARIO	018	CESAR AUGUSTO GALVAN DIAZ
019	CHEA DE COMUNICACIONES C. POR A.	020	CIRO CEDANO
021	CLAUDIO CABRERA ESPAILLAT	022	COMERCIALIZADORA SANCHEZ RAMIREZ
023	COMUNICACIONES DEL SUR, S. A.	024	COMUNICACIONES Y MEDIOS NACIONALES S.A.
025	CORPORACION DE TELEVISION Y MICROONDAS	026	CORPORACION DOMINICANA DE RADIO Y TELEVISION
027	COSME NICOLAS GRULLON ALBA	028	DANIEL MARTINEZ
029	DB ELECTRONICA S.A.	030	DIFUSORA CONTINENTAL S.A
031	DIFUSORA HEMISFERIO, S.A.	032	DIFUSORA HEMISFERIO, S.A.
033	DIFUSORA INTERNACIONAL S.A.	034	DINAMICA, FM
035	DIOCESIS SENORA DE LA ALTAGRACIA	036	DOMINGO ANTONIO SANTOS
037	DR. JOSE ANIBAL GARCIA	038	DR. JOSE MERCEDES VALLEJO PANIAGUA
039	DR. JULIO HAZIM	040	DR. MANUEL A. BELLO
041	DR. VICTOR DELGADO PANTALEON	042	EDUVIGUES ANTONIO PARACHE
043	EMPRESA BEDUINA DE RADIO Y TELEVISION, S. A.	044	EMPRESA ORBE S.A.
045	EMPRESAS LA GUARACHITA, C. POR A.	046	EMPRESAS RADIOFONICAS. S.A.
047	EMPRESAS SUR, S.A.	048	ENRIQUE ARMENTEROS ORTEGA
049	ERNESTO ARIEL GRULLON RODRIGUEZ	050	ERNESTO DE LA CRUZ
051	ESPECTACULOS DIFUSION, S.A.	052	ESTRELLA FM 92.3, S.A.
053	EXTASIS FM	054	FAUSTO M. DONASTORG
055	FLAVIO E. HOLGUIN RAMIREZ	056	FRANCISCO A. PIMENTEL L.
057	FRANCO ANTONIO MORAN	058	FRANK RODRIGUEZ/EDUARDO FORTUNA
059	FRANKLIN MENA PEREZ	060	FUERZAS ARMADAS DOMINICANA
061	G.T.B. RADIODIFUSORES, C. POR A.	062	GALAXIA 91.7 F.M, S.A.
063	GAVINO NUNEZ CASTILLO, SUC. NUNEZ CASTILLO	064	GENAO ROMERO GONZALEZ H.
065	GILBERTO E PIA GEORGE	066	GUILLERMO GIL
067	IDELBRANDO VALERIO BONET	068	IGLESIA DE LA ALBANZA DEL SENOR JUSUSCRISTO
069	INDE RADIO Y TELEVISION	070	INES ABREU VDA. HERNANDEZ
071	ING. ABRAHAM VICTORIA Y ASOC. C. POR A.	072	ING. JULIO SOTO MEDINA
073	ING. MERCEDES ONANEY GONZALEZ FLORENTINO	074	IVAN AQUILES RAMIREZ DE LOS SANTOS
075	JOHANNES W. STREESE	076	JORGE ANTONELY MARTINEZ
077	JOSE ALBERTO BONILLA	078	JOSE BLAS PERALTA
079	JOSE FRANCISCO SALCEDO	080	JOSE LEONARDO ATILES
081	JOSE LUIS DE LOS REMEDIOS MATOS PEREZ	082	JOSE MANUEL MARTIN JIMENEZ
083	JOSE MANUEL RAPOSO	084	JOSE NELSON GUILLEN VALDEZ
085	JUAN FCO. SANTOS REYES	086	JUAN FRANCISCO SANTOS REYES
087	JUAN FRANCISCO TORRES	088	JUAN GEOVANNY ARIAS PENA
089	JULIO ANTONIO GONZALEZ BURELL	090	JULIO C. CORREA
091	JULIO CESAR PAULINO RAMIREZ	092	JULIO JEDI Y DR. GUILLERMO LIVARI
093	JULIO MANUEL CABALLERO TAVAREZ	094	JUMBO FM
095	JUSTO F. MENDEZ ROMERO	096	KV, S.A.
097	LA BRAVA, FM	098	LA SUPER POTENTE 104.5 FM
099	LA VOZ CULTURAL DE LAS FUERZAS ARMADAS	100	LA VOZ DE LA ROMANA Y SUCESTORES
101	LA VOZ DEL TROPICO	102	LARIMAR S.A.
103	LATINA 88, S.A.	104	LEONIDAS FRANCISCO HENRIQUES
105	LEONIDAS FRANCISCO RODRIGUEZ	106	LEONIDAS HORACIO HENRIQUEZ MANON
107	LI. JUAN JOSE GARCIA L.	108	LIC. EUSEBIO HIPOLITO BENCOSME RODRIGUEZ
109	LIC. FRANCISCO MICHELLI PABLO	110	LIC. FRANKLIN ONESIMO TAVAREZ S.
111	LIC. GREGORY CASTELLANO RUANO	112	LIC. LUISA FRANCO/MARCOS TULIO CEPEDA
113	LINCOS	114	LUIS B. JAVIER CASTILLO
115	MAGICA FM	116	MAGUANA MERCANTIL, C. POR A.
117	MANAGUA COMERCIAL	118	MANIA 92.9
119	MANUEL ANTONIO MIRELES LIZARDO	120	MANUEL DE JESUS THOMAS BAEZ
121	MANUEL HAZOURY	122	MARIA ELENA RODRIGUEZ
123	MARIA ANTONIO HERNANDEZ	124	MARIO E. ABIKARAN
125	MAXIMA FM	126	MEDIOS EDUCATIVO S Y COMUNICACIONES S.A.
127	MEGAMEDIOS, S.A.	128	MELODY FM
129	MIGUEL A. SANCHEZ	130	MIGUEL ALFREDO ABUD G.
131	MIGUEL GUAROCUYA CABRAL	132	MIGUEL LAMA MITRE
133	MINISTERIO RADIAL ADORACION F.M. 101.9	134	MINISTERIO RADIAL INTERDENOMINACIONAL
135	MINISTERIO RADIAL LA VOZ DE LA LUZ, INC.	136	MODESTO ESPINAL OZUNA
137	NADIM MIGUEL BEZI NICASIO	138	NELSON DE JESUS REYES GUZMAN

## SECTION IV - Table 12A/12B

DOM	Dominican Rep.		
139	NELSON RICHARDS OLIVO	140	NICOLAS DE JESUS, CARDENAL, LOPEZ RODRIGUEZ
141	NORBERTO E. MARINEZ Y SUCESTORES	142	OBISPADO DE LA VEGA
143	ONDAS DEL YUNA, S.A.	144	ONEYDA JOSELIN CADENA MORA
145	OPTIMA FM	146	OSCAR GILBERTO RODRIGUEZ DE LA ROSA
147	PABLO JOSE GRULLON P.	148	PEDRO A. SANCHEZ
149	PONCIO POU SALETA	150	PROYECTO LINCOS
151	PURITO SUAREZ DE JESUS	152	PURO MATOS VARELA/CLAVEL FM
153	RADECO	154	RADIAL, C. POR A.
155	RADIO 23 C. POR A.	156	RADIO 91
157	RADIO AGUILA	158	RADIO ALFA Y OMEGA
159	RADIO AMANECER	160	RADIO AMBIENTE, C. X A.
161	RADIO AMISTAD, S.A.	162	RADIO AZUL, S.A.
163	RADIO BELLER	164	RADIO BONAO, C. POR A.
165	RADIO CADENA COMERCIAL	166	RADIO CANAL
167	RADIO CENTRO	168	RADIO CIMA, S.A.
169	RADIO CONSTANZA, C. POR A.	170	RADIO CORAZONES
171	RADIO CRISTAL	172	RADIO ENMANUEL
173	RADIO ESCALA	174	RADIO EXITOS, C. POR A.
175	RADIO FM 93	176	RADIO FM INDEPENDENCIA
177	RADIO FM SIEMPRE SUAVE	178	RADIO GUAROCUYA, C POR A
179	RADIO HICH (RADIO SUR)	180	RADIO HIGO, C POR A.
181	RADIO HIN, C. POR A.	182	RADIO HION C. POR A.
183	RADIO HISPANIOL	184	RADIO HIT
185	RADIO JANICO	186	RADIO LA VEGA
187	RADIO LASER (MILBE COMUNICACIONES)	188	RADIO LIBERTAD. C. POR A.
189	RADIO LISTIN, 99.5	190	RADIO MARIEN
191	RADIO METRO (POLITIRO, S.A.)	192	RADIO MIL, C. POR A.
193	RADIO MONTECRISTI	194	RADIO NORTE AM
195	RADIO NOVEL, S.A. RAVESA	196	RADIO OCOA C X A
197	RADIO OLIMPICA INTERNACIONAL, C. X A.	198	RADIO ONDAS DE MONTECRISTY, S.A.
199	RADIO ONDAS DEL VALLE	200	RADIO ORO C. X A.
201	RADIO QUISQUEYANA	202	RADIO SANTIAGO, C. POR A.
203	RADIO TELEVISION DOMINICANA	204	RADIO TURBO
205	RADIO UNIVERSAL, C. X A.	206	RADIO VILLA, S.A
207	RADIOFUSORA DEL SUR, C. POR A.	208	RADIODIFUSORA MASTER, S.A.
209	RADIODIFUSORAS AZUANAS, C. X A.	210	RADIOEMISORAS UNIDAS, S.A.
211	RADIOLANDIA C. POR A.	212	RADION, C. POR A.
213	RADIOTELEVISION DOMINICANA	214	RAFAEL ARISTIDES MARTINEZ GALLARDO
215	RAFAEL AUTUSTO CRISTOBAL VILLANUEVA	216	RAFAEL CORPORAN DE LOS SANTOS
217	RAFAELA DIAZ VIUDA BELLO	218	RAMON J. ROSA
219	RAMON MARIA ROBRIGUEZ	220	RAMON MORALES SANCHEZ
221	RAMON PACHECO	222	REYNALDO ANTIGUA VENTURA
223	RITMO 96	224	RUDDY GRULLON
225	RUMBA, S.A.	226	SAN CRISTOBAL DE T.V. Y RADIO
227	SANTANA REYES GONZALEZ	228	SERVICIO CULTURALES DOMINICANOS
229	SERVICIOS CULTURALES DOMINICANOS	230	SERVICIOS RADIOFONICOS DEL ESTE, S.A.
231	SISTEMA NACIONAL DE RADIODIFUSION, C. POR A.	232	SOCIEDAD DIFUSORA DEL CIBAO
233	SONIDO 95, C. POR A.	234	SONIDO HIGUEYANO S.A.
235	SONIDO SUAVE, C. X A.	236	SUCESTORES MARCOS BELLO Y ASOCIADOS, C. POR A.
237	SULTANA F.M, CPOR a.	238	SUPER 56
239	SUPER K	240	SUPER Q
241	SUPREMA 96.7 C. X A.	242	TECNICA Y COMUNICACIONES
243	TELEANTILLAS C. POR A.	244	TELECABLE EL FACTOR C.POR A.
245	TELEDIFUSORA NACIONAL S.A.	246	TELERADIO AMERICA, S.A.
247	TELESONIDO SANCHEZ RAMIREZ	248	TURISMO Y COMUNICACIONES, C. POR A.
249	UNION ADVENTISTA DOMINICANA	250	VENTURA Y ASOCIADOS, S. A.
251	VICTOR MANUEL FOURMENT URIBE	252	WALDO PONS CABRAL
253	WALDO RAFAEL MUSA MONCION	254	WALTER RAFAEL NUSA MEYRELES
255	Z101, BIENENIDO RODRIGUEZ	256	4-40, S.A.

## SECTION IV - Table 12A/12B

<b>E</b>	Spain
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<b>A</b>	MINISTERIO DE ECONOMIA Y EMPRESA DIRECCIÓN GENERAL DE TELECOMUNICACIONES Y TECNOLOGÍAS DE LA INFORMACIÓN SUBDIRECCIÓN GENERAL DE PLANIFICACIÓN Y GESTIÓN DEL ESPECTRO RADIOELÉCTRICO C/ POETA JOAN MARAGALL, 41 - PLANTA 9A 28071 MADRID TELEFAX: +34 91 346 2229 TELEX: 052244100 GENTEL E PHONE: +34 913 494 640	
<b>001</b>	ORGANISMO AUTONOMO DE CORREOS Y TELEGRAFOS (O.A.C.T)	<b>002</b> EMACON
<b>003</b>	J.U.S.M.G.	<b>004</b> R.E.N.F.E.
<b>005</b>	INSTITUTO NACIONAL DE TECNICA AEROSPACIAL (I.N.T.A)	<b>006</b> TELEFONICA DE ESPANA, S.A. (TESA)
<b>007</b>	DIRECCION GENERAL DE SEGURIDAD	<b>008</b> ESTADO MAYOR DEL AIRE
<b>009</b>	DIRECCION GENERAL DE LA GUARDIA CIVIL	<b>010</b> AEROPUERTOS ESPANOLES Y NAVEGACION AEREA (AENA)
<b>011</b>	TRANSMISIONES DEL EJERCITO DE TIERRA	<b>012</b> RETEVISION
<b>013</b>	SERVICIO CONTRA-INCENDIOS AYUNTAMIENTO DE MADRID	<b>014</b> EMPRESA MUNICIPAL DE TRANSPORTES DE MADRID
<b>015</b>	AGENCIA EFE	<b>016</b> HIDROELECTRICA ESPANOLA
<b>017</b>	F.E.N.O.S.A.	<b>018</b> HIDROELECTRICA IBERDUERO
<b>019</b>	FUERZAS ELECTRICAS DE CATALUNA	<b>020</b> DIRECCION GENERAL DE PUERTOS Y COSTAS
<b>021</b>	COMPANIA SEVILLANA DE ELECTRICIDAD	<b>022</b> ELECTRA DE VIESGO
<b>023</b>	EUROPEAN SPACE AGENCY (E.S.A.)	<b>024</b> RADIO AMBIENTE MUSICAL
<b>025</b>	HIDROELECTRICA DEL CHORRO	<b>026</b> INSTITUTO NACIONAL DE METEOROLOGIA (I.N.M)
<b>027</b>	SUBSECRETARIA DE PESCA Y MARINA MERCANTE	<b>028</b> CONSORCIO NACIONAL ALMADRABERO
<b>029</b>	EMBAJADA DE FINLANDIA	<b>030</b> UNITED STATES GOVERNMENT
<b>031</b>	HISPASAT, S.A.	<b>032</b> RADIO TELEVISION ESPANOLA (RTVE)
<b>033</b>	OTROS ORGANISMOS EXPLOTADORES	<b>107</b> EMBASSY OF THE REPUBLIC OF TURKEY
<b>115</b>	EMBAJADA SUECA EN MADRID	<b>116</b> HISDESAT S.A.
<b>117</b>	INSTITUTO GEOGRAFICO NACIONAL	<b>118</b> ONDAS MEDIA S.A.
<b>119</b>	DEIMOS IMAGING S.L.	<b>120</b> IRAM (INSTITUTO DE RADIOASTRONOMIA MILIMETRICA)
<b>121</b>	OMNIACCESS S.L.	<b>122</b> UNIVERSIDAD DE VIGO
<b>123</b>	DEIMOS	<b>124</b> UNIVERSIDAD POLITECNICA DE CATALUNYA
<b>125</b>	AISTECH SPACE SL	<b>126</b> AMSAT EA AMATEUR SATELLITE ESPANA
<b>127</b>	INSTITUTO UNIVERSITARIO DE MICROGRAVEDAD "IGNACIO DA RIVA"	<b>128</b> SATELIO IOT SERVICES, S.L.

<b>EGY</b>	Egypt
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<b>A</b>	NATIONAL TELECOMMUNICATION REGULATORY AUTHORITY (NTRA) BUILDING B4 SMART VILLAGE, K 28 CAIRO-ALEXANDRIA DESERT ROAD GIZA EGYPT TELEFAX: +202 3534 4155 / 4104 PHONE: +202 3534 4124
<b>B</b>	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S - 102 49 STOCKHOLM TELEFAX: +46 8 678 5500 TELEX: 054 40777 RADCON S
<b>C</b>	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA, TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR

## SECTION IV - Table 12A/12B

<b>EGY</b>	Egypt
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<b>D</b>	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEFAX: +1 212 9631939 TELEX: 023289696		
<b>E</b>	THE CHAIRMAN AND DIRECTOR GENERAL SUDAN TELECOMMUNICATIONS CORPORATION MINISTRY OF TRANSPORT AND COMMUNICATIONS KHARTOUM TELEX: 299 / GENTEL KM		
<b>F</b>	EXTERNAL RELATIONS DEPARTMENT MINISTRY OF COMMUNICATIONS KUWAIT TELEX: 0496 US PTT 22197 KT		
<b>G</b>	POST AND TELEGRAPHS TELECOM INSPECTORATE ISLANDS BRYGGE 81 DK - 2300 KOBENHAVN S TELEX: 31100 TELIN DK		
<b>H</b>	THE DIRECTOR-GENERAL TELECOMMUNICATIONS CORPORATION P.O. BOX 1689 AMMAN TELEX: 21221 JORTEL JO		
<b>001</b>	TELECOMMUNICATIONS ORGANIZATION CAIRO	<b>002</b>	EMBASSY OF THE REPUBLIC OF TURKEY
<b>003</b>	SWEDISH GOVERNMENT	<b>004</b>	SUEZ CANAL COMPANY
<b>005</b>	EMBASSY OF THE STATE OF KUWAIT	<b>010</b>	CIVIL AVIATION
<b>013</b>	OVERSEAS TELECOMMUNICATION ADMINISTRATION, CAIRO	<b>015</b>	UNITED NATIONS
<b>016</b>	EGYPTIAN BROADCASTING, CIBROTEV, CAIRO	<b>018</b>	UNITED NATIONS TRUCE SUPERVISION ORGANIZATION
<b>019</b>	COASTGUARD ADMINISTRATION	<b>020</b>	PORTS AND LIGHTHOUSES ADMINISTRATION
<b>021</b>	EMBASSY OF THE REPUBLIC OF THE SUDAN	<b>022</b>	U.N. TRUCE SUPERVISION CAIRO
<b>023</b>	DANISH GOVERNMENT	<b>024</b>	MIDDLE EAST NEWS AGENCY, 4 SHERIFEIN ST., CAIRO
<b>025</b>	THE EGYPTIAN SATELLITE CO. NILESAT	<b>026</b>	NATIONAL AUTHORITY FOR REMOTE SENSING AND SPACE SCIENCES (NARSS)
<b>027</b>	MOD-EGYPT		

<b>EQA</b>	Ecuador
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<b>A</b>	SR. PRESIDENTE DEL CONATEL CONSEJO NACIONAL DE TELECOMUNICACIONES AV. DIEGO ALMAGRO N31-95 Y ALPALLANA CASILLA POSTAL 17-07-9777 EDIFICIO ZEUS QUITO EQUATEUR TELEFAX: +593 2 2505 119 EMAIL: conatell@conatel.gov.ec PHONE: +593 2 2225614		
<b>B</b>	DIRECCION GENERAL DE AVIACION CIVIL QUITO		
<b>C</b>	AGENCIA DE REGULACION Y CONTROL DE LAS TELECOMUNICACIONES - ARCOTEL		
<b>001</b>	RADIO NACIONAL DEL ESTADO	<b>002</b>	ALL AMERICAN CABLES
<b>003</b>	PANAGRA	<b>004</b>	RADIO INTERNACIONAL
<b>005</b>	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (N.A.S.A.)	<b>006</b>	CEMENTO NACIONAL
<b>007</b>	FERROCARRILES DEL ESTADO	<b>008</b>	DIARIO "EL SOL"
<b>009</b>	BANCO CENTRAL	<b>010</b>	THE TESALIA SPRING
<b>011</b>	DIARIO "EL UNIVERSO"	<b>012</b>	EMPRESA ELECTRICA QUITO

## SECTION IV - Table 12A/12B

EQA	Ecuador		
013	DIARIO "EL COMERCIO"	014	RADIO VOZ DE BOLIVAR
015	AVIACION CIVIL DEL ECUADOR	016	INSTITUTO ECUATORIANO DE OBRAS SANITARIAS
017	RADIO ATAHUALPA	018	RADIO VOZ DE LOS CARAS
019	LA VOZ DEL TOMEBA M B A	020	SUDAMERICANA DE PERFORACIONES Y SERVICIOS
021	ECOS DE LA SERRANIA	022	RADIO NACIONAL ESPEJO
023	RADIO GRAN COLOMBIA	024	ONDAS DEL ZAMORA
025	RADIO PAZ Y BIEN	026	LA VOZ DE IMBABURA
027	LA VOZ DE MONTUFAR	028	LA VOZ DE ALAUSI
029	RADIO CASA DE LA CULTURA	030	RADIO QUITO
031	ONDAS AZUAYAS	032	ONDAS CASTELLANAS
033	RADIO AUSTRAL	034	AGENCIA LATINA NOTICIAS
035	MINISTERIO DE ECONOMIA	036	VICTOR VALDIVIEZO C.
037	CO. AZUCARERA VALDEZ	038	SUPERINTENDENCIA DE BANCOS
039	FLOTA GRAN COLOMBIANA	040	MINISTERIO DE OBRAS PUBLICAS
041	BRANIFF INTERNATIONAL	042	AVIANCA
043	EMPRESA TURISTICA INTERNATIONAL	044	O.K.C. CORPORATION
045	INDUSTRIAL ALGODONERA	046	SEGURO SOCIAL
047	RADIO ONDAS NACIONALES	048	RADIO VOZ DE RIOBAMBA
049	RADIO MUNDIAL	050	RADIO ONCE DE NOVIEMBRE
051	RADIO MANTA	052	RADIO IRIS
053	RADIO CATOLICA	054	RADIO VOZ DEL TROPICO
055	LA VOZ DE LOS ANDES	056	LA VOZ DE LA DEMOCRACIA
057	RADIO CONTINENTAL GUAYAQUIL	058	NUEVA RADIO ORTIZ
059	RADIO PERPETUO SOCORRO	060	RADIO NACIONAL CONDOR
061	FEDERACION DEPORTIVA	062	RADIO COSTA AZUL
063	RADIO VOZ DEL PASTAZA	064	RADIO EQUINOCCIAL
065	RADIO COSMOPOLITA	066	ANGLO ECUADORIAN
067	BANCO DE PRESTAMOS	068	CIA. FRUTERA ASTRAL
069	BANCO LA PREVISORA	070	CIA. INCA
071	INDUSTRIAS "ALES"	072	MISION EVANGELICA
073	BANCO NACIONAL DE FOMENTO	074	DIARIO "LA PRENSA"
075	DIARIO "EL DIA"	076	CIA. BANANERA DEL ECUADOR
077	RADIO UNIVERSAL	078	RADIO CENIT
079	RADIO FENIX	080	RADIO ATALAYA
081	RADIO CONTINENTAL AMBATO	082	JOHN E. PEET
083	ECUASAL	084	PAPELESS FIDUCIARIOS
085	LOFFLAND BROTHERS INTERNATIONAL INC.	086	MUNICIPIO DE QUINTO
087	OVERSEAS MINERAL	088	AMOCO PETROLEUM
089	SIMAR	090	RAFAEL PENA C.
091	SIDCA	092	INERHI
094	MISION CAPUCHINA	095	SIDERURGICA
096	ANGLO-CONSORCIO	097	RADIO LIBERTADOR
098	RADIO PROMOCION	099	RADIO ONDAS DEL CHIMBORAZO
100	RADIO SPLENDIT	101	RADIO EL PRADO
102	RADIO AMERICA	103	RADIO VISION DE CUENCA
104	RADIO SURCOS	105	RADIO ECOS DEL PUEBLO
106	RADIO REY	107	RADIO ECOS DE MONTUFAR
108	RADIO ALFA	109	RADIO RUNATUCUYAC
110	RADIO CENTRAL	111	RADIO CUENCA LA VOZ DE LOS CUATRO RIOS
112	RADIO TRICOLOR	113	RADIO EL SOL
114	RADIO EL MERCURIO	115	RADIO POPULAR INDEPENDIENTE
116	RADIO RIOBAMBA MUSICAL	117	RADIO ONDAS CARCHENSES
118	RADIO CANAL TROPICAL	119	RADIO LA VOZ DEL RIO TARQUI
120	RADIO PACIFICO	121	RADIO LA VOZ DE LA CORDILLERA
122	RADIO RUMICHACA	123	RADIO ECOS DEL AZUAY
124	RADIO LATAACUNGA	125	RADIO NUEVOS EXITOS
126	RADIO ONDAS DEL VOLANTE	127	RADIO RUBI
128	RADIO NUEVOS HORIZONTES	129	RADIO PURUHA
130	RADIO ONDAS CANARIS	131	RADIO O.R. COTOPAXI
132	RADIO LA VOZ DE CHAGUARURCO	133	RADIO LA VOZ DE INGAPIRCA
134	RADIO ECOS DEL PORTETE	135	RADIO PUNTO VERDE
136	RADIO CANAL MANABITA	137	RADIO ONDAS QUEVEDENAS
138	RADIO VISION	139	RADIO VENTENAS
140	RADIO LA VOZ DE PORTOVIEJO	141	RADIO LIBERTAD
142	RADIO UMINA	143	RADIO LA VOZ DEL VALLE
144	RADIO ESPEJO	145	RADIO UNION
146	RADIO CHONE	147	UNION EVANGELICA MISIONERA
148	RADIO LA VOZ DE LOS RIOS	149	FEDERACION DE SUCUA
150	RADIO LA VOZ DEL PUEBLO	151	RADIO ECO
152	RADIO PRESIDENTE	153	RADIO LA GRANDE
154	RADIO CUMANDA	155	RADIO LA VOZ DEL SUR DE MANABI
156	RADIO GUAYAQUIL	157	RADIO TRECE DE NOVIEMBRE
158	RADIO LA VOZ DE LOS AUCAS	159	RADIO ECOS DEL ORIENTE
160	RADIO LA VOZ DE INTINAN	161	RADIO TROPICAL



## SECTION IV - Table 12A/12B

EQA	Ecuador
162	RADIO CURARAY
164	RADIO LUZ Y VIDA
166	RADIO LA VOZ DE LOS QUIJOS
168	RADIO CENTINELA DEL SUR
170	RADIO LA VOZ DEL UPANO
172	RADIO TROPICANA
174	RADIO MAMBO
176	RADIO EL TIEMPO
178	RADIO HUANCAVILCA
180	RADIO JESUS DEL GRAND PODER
182	RADIO CANAL JUVENIL
184	RADIO MELODIA
186	RADIO LA PRENSA
188	RADIO BOLIVAR
190	RADIO AMBATO
192	RADIO CRISTAL
194	RADIO GEMAS
196	RADIO ONDAS ORENSES
198	RADIO LA VOZ LIBERAL
200	RADIO IFESA
202	RADIO LA VOZ DEL AGOYAN
204	RADIO CONTINENTE
206	RADIO TARQUI
208	RADIO ROCAFUERTE
210	ECUADORIAN LUMBER C.
212	RADIO ALEGRIA
214	RADIO EXITO
216	RADIO INTI RAYMI
218	RADIO VIA
220	RADIO EXCELSIOR
222	RADIO CONTINENTAL
224	RADIO SIRA
226	RADIO CENTRO RADIOFONICO DE INBABURA
228	RADIO LA VOZ DEL LITORAL
230	RADIO LA VOZ DEL TRIUNFO
232	RADIO LA VOZ DEL ORO
234	RADIO SPORT
236	RADIO ECOS ANDINOS
238	RADIO MERA
240	RADIO LA VOZ DE LOS LAGOS
242	RADIO LA VOZ DE ESMERALDAS
244	RADIO LA VOZ DEL NORTE
246	BARNARD AND BURK
248	RADIO LA VOZ DE LOS LLANGANATES
250	RADIO UNO
252	RADIO LA VOZ DE LA PENINZULA
254	RADIO LA VOZ DE SAN LORENZO
256	RADIO CARACOL
258	RADIO CENTRO RADIOFONICO SIDERAL
260	RADIO ECOS CULTURALES DE URCUQUI
262	RADIO LA VOZ DE LA NACIONALIDAD
264	RADIO ONDAS DE LA LIBERTAD
266	RADIO VIRACOCCHA
268	ECUVIA ORIENTE
270	J. VICENTE CALDERON
272	EXPORATADORA BANANERA NOBOA S.A.
274	COMISION DE TRANSITO DEL GUAYAS
276	COMPANIA ECUATORIANA DE TE C.A.
278	ARTURO GANGOTENA
280	JUAN ESCOBAR PALLARES
282	DIRECCION NACIONAL DEL BANANO
284	DESTILERIA LA PLAYA
286	AGRICOLA ACAPULCO SOCIEDAD EN PREDIOS RUSTICOS
288	MISION COMBONIANA
290	CARLOS PENA M.
292	POLICIA DE ADUANA
294	ORIENCO
296	RICARDO NOBOA ESTUPINAN
298	RUBBER COMPANY
300	POOL AMERICAS INC
302	FERNANDO ORTEGA
304	MISION JOSEFINA
306	CHAPAS Y MADERAS
308	ECUATORIANA DE TRANSPORTE
310	PREFECTURA APOSTOLICA DE GALAPAGOS
163	RADIO CORDILLERA
165	RADIO NOVEDADES
167	RADIO JUNIN
169	RADIO LA VOZ DE GUAMOTE
171	RADIO ONDAS DE LOS PALTAS
173	RADIO JUVENTUD
175	RADIO MUSICAL
177	RADIO FIESTA
179	RADIO CARRUSEL
181	RADIO SUCRE
183	RADIO MUNICIPAL
185	RADIO CENTENENARIO
187	RADIO NOTICIA
189	RADIO PUNTO 83
191	RADIO PILLARO
193	RADIO LA VOZ DEL RIO GUAYAS
195	RADIO ESPECTACULO
197	RADIO COLON
199	RADIO KRONOS
201	RADIO UN MUNDO MEJOR
203	RADIO ZARACAY
205	RADIO ONDAS DEL PACIFICO
207	RADIO CANAL ESTELAR
209	RADIO C.R.E.
211	RADIO FANTASIA
213	RADIO PELILEO
215	RADIO CENTRO
217	RADIO OMEGA
219	RADIO SUCESO
221	RADIO TURISMO
223	RADIO EL MUNDO
225	RADIO MARANON
227	RADIO METROPOLITANA
229	RADIO CINE
231	RADIO FESTIVAL
233	RADIO NACIONAL EL ORO
235	RADIO RELOJ
237	RADIO IMPACTO
239	RADIO LA VOZ DEL MILAGRO
241	RADIO INDEPENDENCIA
243	RADIO PORTENA
245	RADIO ECOS DE CAYAMBE
247	RADIO VARIEDADES
249	RADIO OTAVALO
251	RADIO COLOSAL
253	RADIO LA VOZ DEL DORADO
255	RADIO PUNTO
257	RADIO LA VOZ DEL GUABO
259	RADIO LUBACAN
261	RADIO LA VOZ DE LA JUVENTUD
263	RADIO ESTACION DE LA ALEGRIA
265	RADIO MENSAJE
267	RADIO CONSULAR
269	AGENCIA ECUATORIANA DE PRENSA
271	CAYMAN DEL ECUADOR
273	BANCO DE GUAYAQUIL
275	BANCO DEL PICHINCHA
277	SOCIEDAD AGRICOLA LOS ALAMOS
279	ANTONIO ALVAREZ CH
281	PARKER DRILLING CO.
283	ANTONIO FERNANDEZ SALVADOR
285	DIARO EL TELEGRAFO
287	ECUATORIANA DE ATUN
289	PACIFIC PRODUCTS
291	ELMERICH Y PAYNE DEL ECUADOR
293	FUMISA
295	NARFARMS DEL ECUADOR
297	PLANTACIONES TROPICALES
299	MISION DOMINICANA
301	ATOMEK
303	MISION CARMELITA
305	HELIECUADOR
307	EDMUNDO OLMEDO
309	CREATT CIA
311	EMPRESA ELECTRICA CUENCA

## SECTION IV - Table 12A/12B

<b>EQA</b>	Ecuador		
312	LA VOZ DEL RIO CARRIZAL	313	LA VOZ DEL NAPO
314	SUA CIA LTDA	315	LA VOZ DE LA FRONTERA
316	RADIO EL MAR	317	RADIO CENTRO GUALACEO
318	LA VOZ DE BOLIVAR	319	LA VOZ DE GALAPAGOS
320	RADIO RIO AMAZONAS	321	RADIO TREBOL
322	RADIO EL PROGRESO	323	YAGUA GENERAL SERVICES
324	SURENCO	325	ONDA AZUL
326	STEREO	327	RADIO ONDA
328	RADIO CATEDRAL	329	TELEONDA MUSICAL
330	ONDAS PORTENAS	331	LA VOZ AMIGA
332	STEREO TELERADIO	333	SONORAMA STEREO
334	CORPORACION PUBLICITARIA	335	CONCRETO PREFORZADO DEL ECUADOR
336	CADASA	337	CANAL MANABITA
338	ONDAS CANARIS	339	HIDALGO Y HIDALGO CIA LTDA
340	COVIALSA	341	INSTITUTO LINGUISTICO DE VERANO
342	CONTRASA	343	PETROLEOS GULF DEL ECUADOR
344	ZURN INAEC	345	T.A.F.E. S.A.
346	CEPE	347	BANHARINA
348	MIN DE RECURSOS NATURALES	349	LETICIA ASPIAZU DE PINO
350	SOCIEDAD AGRICOLA BOLIVAR	351	STANDAR FRUIT COMPANY
352	CASA DE COMERCIO POVEDA	353	HALLIBURTON DE CEMENTACION
354	PROYECTO MINERO DE NACIONES UNIDAS	355	DIRECCION DE GEOLOGIA Y MINAS
356	COOPERATIVA DE AHORRO Y CREDITO PABLO MUNOZ VEGA	357	INDUSTRIAL CERAMICA DURISOL S.A.
358	TRANSPORTES, PILOTAJE Y MANTENIMIENTO CIA. LTDA. TPM	359	CARLOS A. FLORES
360	LA VOZ DE SAQUISILI	361	AZTRA AZUCARERA TROPICAL AMERICA S.A.
362	UNIVERSIDAD UTE		

<b>ERI</b>	Eritrea		
<b>A</b>	MINISTRY OF TRANSPORT AND COMMUNICATIONS P.O. BOX 4918 ASMARA ERITREA TELEFAX: +291 1 185 019 / +291 1 184 690 PHONE: +291 1 126965 EMAIL: zerait@eol.com.er		
001	ERITREAN POST AND TELECOMMUNICATIONS AUTHORITY	004	ERITREAN AIRLINES
005	ERITREAN AIRFORCE	006	DESERT LOCUST CONTROL
007	MINISTRY OF AGRICULTURE	008	MINISTRY OF INFORMATION AND CULTURE
009	THE LUTHERAN WORLD FEDERATION	011	INTEGRATED FOOD SECURITY PROJECT
012	KALEHIWET CHURCH OF ERITREA	013	SUDAN AIRWAYS
014	MINISTRY OF MINES ENERGY AND WATER RESOURCE	015	NORWEGIAN ASSOCIATION OF THE BLIND AND PARTIALLY SIGHTED, ERITREA
016	FRENCH CONSULATE	017	ERITREAN POLICE FORCE
018	ERITREAN NAVY	020	ERITREAN RELIEF AND REHABILITATION AGENCY
021	COMMISSION FOR ERITREAN REFUGEE AFFAIRS	022	MINISTRY OF MARINE RESOURCES
023	VOICE OF THE BROAD MASSES OF ERITREA	025	MINISTRY OF CONSTRUCTION, ROAD TRANSPORT
026	ERITREAN ELECTRIC AUTHORITY	027	BRITISH CONSULATE
028	ERITREAN SHIPPING LINES	029	MINISTRY OF EDUCATION
030	POST AND MARINE TRANSPORT AUTHORITY	031	CIVIL AVIATION AUTHORITY
040	CUSTOMS HEAD OFFICE	043	NATIONAL ENGINEERS AND CONTRACTORS
048	NATIONAL TRANSPORT CORPORATION		

<b>EST</b>	Estonia
<b>A</b>	ESTONIAN NATIONAL COMMUNICATIONS BOARD ADALA 4D 10614 TALLINN REPUBLIC OF ESTONIA TELEFAX: +372 693 1155 EMAIL: POSTBOX@SA.EE

## SECTION IV - Table 12A/12B

EST	Estonia		
001	INSPECTION OF TELECOMMUNICATIONS	002	ESTONIAN NATIONAL AVIATION BOARD
003	ESTONIAN TELEPHONE COMPANY LTD.	004	DEPARTMENT OF COMMUNICATIONS, STATE CHANCELLERY
006	STATE ENTERPRISE EESTI ENERGIA	007	ESTONIAN NATIONAL MARITIME BOARD
008	HIIU COUNTY GOVERNMENT	009	ESTONIAN MOBILE TELEPHONE COMPANY LTD.
010	ESTONIAN BOARD OF BORDER GUARD	011	RADIOLINJA EESTI LTD.
012	RITABELL AS	014	REVAL AUTO AS
015	AS SAKSA AUTO	016	INPASS EESTI AS
017	DATA TELECOM LTD	018	AA-SAT PROFESSIONAL OU
020	UNION OF ESTONIAN LOCAL BROADCASTERS	021	DOW JONES MARKETS SWEDEN AB, ESTONIAN BRANCH OFFICE
022	KENSTSMIDE EESTI AS	023	BB INVEST
024	AS KALEV	025	AS GREKOND
026	US Embassy	027	Netcom Services SA
028	Office of the delegation of the European Commission	029	Embassy of Sweden
030	EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA IN THE REPUBLIC OF ESTONIA		

ETH	Ethiopia		
A	ETHIOPIA TELECOMMUNICATIONS AGENCY (ETA) POST OFFICE BOX 9991 ADDIS ABABA ETHIOPIA TELEFAX: +251 11 4655 763 TELEX: 0980 21000 GENTEL ET PHONE: +251 11 4656 011 EMAIL: gm@eta.gov.et		
C	THE CHAIRMAN AND DIRECTOR GENERAL SUDAN TELECOMMUNICATIONS CORPORATION MINISTRY OF TRANSPORT AND COMMUNICATIONS KHARTOUM TELEX: 299 / GENTEL KM		
D	THE MANAGING DIRECTOR UGANDA POSTS AND TELECOMMUNICATIONS CORPORATION P.O. BOX 4888 KAMPALA / REPUBLIC OF UGANDA TELEFAX: +256 41 231110 TELEX: 098861064 UGINTEL UG		
E	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEX: 023289696		
F	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
001	TELECOMMUNICATIONS SERVICE OF ETHIOPIA	002	AIR TRANSPORT AUTHORITY
003	ETHIOPIAN TOURIST ORGANIZATION	004	ETHIOPIAN AIRLINES
005	ETHIOPIAN AIRFORCE	006	DESERT LOCUST CONTROL
007	MINISTRY OF AGRICULTURE AND SETTLEMENT	008	ETHIOPIAN WOODWORKS
009	ETHIOPIAN ROAD AUTHORITY	010	ETHIOPIAN NEWS AGENCY
011	WENGI SUGAR COMPANY	012	ETHIOPIAN ARMY
013	ETHIOPIAN WATER AUTHORITY	014	MINISTRY OF MINES ENERGY AND WATER RESOURCE
015	RURAL PROJECT AGENCY	016	ENGINEERING SERVICE CO.
017	ETHIOPIAN POLICE FORCE	018	ETHIOPIAN NAVY
019	SAIDE	020	FIELD SERVICE
021	AWASH VALLEY AUTHORITY	022	DEPARTMENT OF MARINE
023	VOICE OF REVOLUTIONARY ETHIOPIA	024	MISSIONARY AVIATION FELLOWSHIP
025	STATE FARMS AUTHORITY	026	ETHIOPIAN ELECTRIC LIGHT AND POWER AUTHORITY

## SECTION IV - Table 12A/12B

ETH	Ethiopia		
027	EMBASSY OF THE REPUBLIC OF THE SUDAN	028	MINISTRY OF PUBLIC HEALTH
029	EDUCATIONAL MASS MEDIA SERVICE	030	ADAMS AIR SERVICE
031	RELIEF AND REHABILITATION COMMISSION	032	ETHIOPIAN CEMENT FACTORY
033	KENYA POLICE	034	ETHIOPIAN MAPPING AGENCY
035	WILD LIFE CONSERVATION ORGANIZATION DEPARTMENT	036	CHRISTIAN MISSIONARY FELLOWSHIP
037	UNITED NATIONS	038	GOUVERNEMENT DE LA SUEDE
039	VOE	040	CUSTOMS HEAD OFFICE
041	MINISTRY OF INTERIOR	042	DIPLOMATIC MISSIONS
043	NATIONAL ENGINEERS AND CONTRACTORS	044	WORLD VISION ETHIOPIA
045	MEKANISA WORKSHOP	046	SPECIAL CABINET
047	ADDIS ABABA BANK	048	NATIONAL TRANSPORT CORPORATION
049	NATIONAL METEOROLOGICAL SERVICE AGENCY	050	ADDIS ABABA MASSMEDIA AGENCY
051	AMHARA MASSMEDIA AGENCY	052	ETHIOPIAN RADIO ENTERPRISE
053	DIRE DAWA MASSMEDIA AGENCY	054	OROMIA MASSMEDIA AGENCY
055	CAPACITY BUILDING BUREAU	056	RADIO FANA

F	France
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EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes)  
EMAIL: tercoord@anfr.fr (Services de Terre)  
TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
TELEFAX: +33 1 45 18 73 90 (Stations terriennes)
- B** MINISTERE DES AFFAIRES ETRANGERES,  
HELSINKI
- C** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- D** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
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- E** SWISS TELECOM PTT  
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SUISSE  
TELEFAX: +41 31 3382549  
TELEX: 045911010 PTT CH
- |     |                                   |     |  |
|-----|-----------------------------------|-----|--|
| 001 | FORCES TERRESTRES                 | 002 | MARINE NATIONALE                                 |
| 003 | AERONAUTIQUE MILITAIRE            | 004 | AVIATION CIVILE                                  |
| 005 | METEOROLOGIE NATIONALE            | 006 | MINISTERE DE L'INTERIEUR                         |
| 007 | VOIR LE NO 15                     | 008 | CONSEIL SUPERIEUR DE L'AUDIOVISUEL               |
| 009 | PORT AUTONOME DU HAVRE            | 010 | AUTORITE DE REGULATION DES<br>TELECOMMUNICATIONS |
| 011 | CHAMBRE DE COMMERCE DE ROUEN      | 012 | COMPAGNIE AIR FRANCE                             |
| 013 | EMBASSY OF THE REPUBLIC OF TURKEY | 014 | SOCIETE NATIONALE DES CHEMINS DE FER<br>FRANCAIS |
| 015 | MINISTERE DE LA DEFENSE           | 016 | SERVICE DES PHARES ET BALISES                    |
| 017 | MINISTERE DES TRAVAUX PUBLICS     | 018 | CENTRE NATIONAL D'ETUDES SPATIALES               |
| 019 | AMBASSADE DE FINLANDE             | 021 | GENDARMERIE NATIONALE                            |
| 022 | CHAMBRE DE COMMERCE DE SETE       | 023 | PORT AUTONOME DE BORDEAUX                        |
| 026 | PORT DE PORT-VENDRES              | 030 | PORT DE NANTES                                   |
| 031 | PORT DE ST. NAZAIRE               | 034 | AUTORITE DE REGULATION DES<br>TELECOMMUNICATIONS |
| 036 | SURETE NATIONALE                  | 037 | EDUCATION NATIONALE                              |
| 038 | AGENCE SPATIALE EUROPEENNE (ESA)  | 039 | EUTELSAT   |
| 040 | TELEDIFFUSION DE FRANCE           | 041 | LA COMMISSION EUROPEENNE                         |
| 100 | AIRBUS DEFENCE & SPACE            | 101 | AVANTI   |
| 102 | DUNIASAT                          | 103 | EHOSTAR MOBILE                                   |
| 104 | EUTELSAT SA                       | 105 | GLOBALSTAR                                       |

## SECTION IV - Table 12A/12B

<b>F</b>	France
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106	HORIZONSAT	107	THALES ALENIA SPACE
108	NOVANANO	109	O3BNEXT LUX
110	ONEWEB LTD	111	SATT AXLR
112	UNSEENLABS	113	INMARSAT SOLUTIONS BV

<b>FIN</b>	Finland
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TELEX: 057124545 THK FI

**B** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

001	SOCIETE DE PECHEURS	002	SERVICE DU FEU
003	MINISTRY OF HOME AFFAIRS (POLICE DIVISION)	004	ADMINISTRATION DES PONTS ET CHAUSSEES
005	ADMINISTRATION DE LA NAVIGATION	006	ADMINISTRATION DES POSTES, DES TELEGRAPHES ET DES TELEPHONES
007	FINNISH BROADCASTING CO.	008	OFFICE METEOROLOGIQUE CENTRAL
009	MINISTRY OF HOME AFFAIRS (HEADQUARTERS FRONTIER GUARDS)	010	USINES ELECTRIQUES
011	SOCIETES DE BOIS	012	ADMINISTRATION DES FORETS
013	CHEMINS DE FER	014	AVIATION CIVILE
015	ETABLISSEMENT INDUSTRIEL	016	ARRIMEUR ET MESSAGERIE
017	SERVICE COMMUNAL	018	SOCIETE DE TELEPHONIE PRIVEE
019	SERVICE DE TAXI	020	BANQUE PRIVEE
021	RAUTARUUKKI OY, RAAHE	022	FONDATION D'ENCOURAGEMENT POUR LA TECHNIQUE
023	MINISTERE DES AFFAIRES ETRANGERES	025	GOUVERNEMENT DE LA SUEDE
026	OY. FARMING	027	COMPAGNIE FINNOISE DE PETROLE NESTE OY
028	LOCAL BROADCASTING OPERATOR	029	EMBASSY OF RUSSIA, HELSINKI
030	HELSINKI UNIVERSITY	031	FINNISH RED CROSS
032	ICEYE OY	033	AALTO UNIVERSITY, ESPOO
034	REAKTOR RADIO ACTIVES RY	035	REAKTOR SPACE LAB OY
036	AURORA PROPULSION TECHNOLOGIES OY		

<b>FJI</b>	Fiji
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**A** DEPARTMENT OF COMMUNICATIONS  
LEVE 3 SUVAVOU HOUSE  
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SUVA  
FIJI ISLAND  
TELEFAX: +679 3303 676  
EMAIL: shivnesh.prasad@gmail.com  
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002	DEPARTMENT OF POSTS AND TELECOMMUNICATIONS	004	ROYAL FIJI MILITARY FORCES
005	ROYAL FIJI POLICE FORCES	006	FIJI BROADCASTING COMMISSION
008	FIJI INTERNATIONAL TELECOMMUNICATIONS LTD. SUVA	029	NANDI AIRPORT ADMINISTRATION
030	DEPARTMENT OF CIVIL AVIATION	031	AIR PACIFIC LTD
033	MINISTRY OF AGRICULTURE, FISHERIES AND FORESTS	034	PRIVATE
035	DEPARTMENT OF MARINE	036	DEPARTMENT OF MINERAL RESOURCES

## SECTION IV - Table 12A/12B

<b>FLK</b>	Falkland Islands (Malvinas)
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- A** THE POSTMASTER,  
GENERAL POST OFFICE  
PORT STANLEY
- B** COLONIAL SECRETARY  
PORT STANLEY
- C** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
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LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- 001** COLONIAL SECRETARY, PORT STANLEY      **002** FALKLAND ISLANDS GOVT.  
**003** U.K. GOVERNMENT      **004** CABLE AND WIRELESS PLC  
**005** MET. OFFICE PORT STANLEY      **006** BRITISH ANTARTIC SURVEY  
**007** THE PROUDMAN OCEANOGRAPHIC LABORATORY

<b>FRO</b>	Faroe Islands
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- A** NATIONAL TELECOM AGENCY  
ADMINISTRATION DIVISION  
HOLSTEINGADE 63  
DK - 2100 KOBENHAVN  
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EMAIL: TST@TST.DK

<b>FSM</b>	Micronesia
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- A** GOVERNMENT OF THE FEDERATED STATES OF MICRONESIA  
DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS  
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POHNPEI STATE, FM 96941  
ETATS FEDERES DE MICRONESIE  
TELEFAX: +691 3205853  
TELEX: 0764 6807 FSMGOVFM
- B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- 001** U.S. GOVERNMENT

<b>G</b>	United Kingdom
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- A** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
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2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
URL: www.radio.gov.uk  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

## SECTION IV - Table 12A/12B

G	United Kingdom		
C	THE CHAIRMAN AND DIRECTOR GENERAL SUDAN TELECOMMUNICATIONS CORPORATION MINISTRY OF TRANSPORT AND COMMUNICATIONS KHARTOUM TELEX: 098422299 GENTL SD		
D	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA, TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR		
E	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S TELEFAX: +46 8 6785505		
001	UNITED KINGDOM GOVERNMENT	002	BRITISH TELECOM
003	RADIOCOMMUNICATIONS AGENCY, DEPARTMENT OF TRADE AND INDUSTRY	004	BRITISH BROADCASTING CORPORATION
005	METROPOLITAN POLICE, LONDON	006	ISLE OF MAN BROADCASTING COMMISSION
007	MEDWAY CONSERVANCY BOARD	008	STATES OF ALDERNEY
009	NORTH SEA SUN OIL CO. LTD, LONDON	010	STATES TELECOMMUNICATIONS BOARD, P.O. BOX NO. 3, ST. PETER PORT GUERNSEY CI
011	B SKY B.	012	STATE OF JERSEY
013	RACAL LTD.	014	TRINITY HOUSE, LONDON, E.C.3
015	COMMISSIONERS OF NORTHERN LIGHTHOUSES, EDINBURGH	016	DUNDEE HARBOUR TRUST, DUNDEE
017	RIVER WEIR COMMISSIONERS, SUNDERLAND	018	TEES CONSERVANCY COMMISSION, MIDDLESBOROUGH
019	IRISH LIGHTS COMMISSIONERS, DUBLIN	020	CLYDE LIGHTHOUSE TRUST, GLASGOW
021	HUMBER CONSERVANCY BOARD, HULL	022	TYNE IMPROVEMENT COMMISSION,NEWCASTLE- ON-TYNE
023	MERSEY DOCK AND HARBOUR BOARD, LIVERPOOL	024	COMMISSIONERS OF NORTHERN LIGHTHOUSES, EDINBURGH AND TRINITY HOUSE, LONDON
025	RUTHERFORD AND APPLETON LABORATORY CHILTON, DIDCOT OXFORD OX11 0QX	026	STATES OF JERSEY HARBOUR AND AIRPORT DEPT., JERSEY
027	MINISTRY OF TRANSPORT, LONDON	028	LIFEBOAT AND LIGHTHOUSE AUTHORITIES
029	ROYAL NATIONAL LIFEBOAT INSTITUTION,	030	CIVIL AVIATION AUTHORITY
031	NATIONAL TRANSCOMMUNICATIONS LTD.	032	SOUTHAMPTON HARBOUR BOARD
034	ORMSTON TECHNOLOGY LTD., HULL	035	PORT OF LONDON AUTHORITY
036	INDEPENDENT TELEVISION COMMISSION	037	ANTARTIC SURVEY
041	ASSOCIATED TV LTD.	042	BRIGHTON MARINA COMPANY
050	RELAY EXCHANGES LTD.	051	SWEDISH GOVERNMENT
054	EMBASSY OF THE REPUBLIC OF THE SUDAN	055	MANCHESTER UNIVERSITY
056	CAMBRIDGE UNIVERSITY	057	EMBASSY OF THE REPUBLIC OF TURKEY
058	BRITISH PETROLEUM LTD	059	CONOCO EUROPE LTD.
060	AMOCO (UK) EXPLORATION CO.	061	PHILLIPS PETROLEUM LTD.
062	CHICHESTER HR CONSERVANCY	063	ACHARACLE COMMUNITY COUNCIL
064	DEVON COUNTY COUNCIL	065	VARIOUS OIL COMPANIES (SHARED)
066	SHELL (UK)	067	AIR CALL LTD.
068	UNION OIL COMPANY	069	SEVERN TRENT WATER AUTHORITY
070	NORTH SCOTLAND HYDRO-ELECTRIC BOARD	071	HAMILTON BROS
072	MERCURY COMMUNICATIONS LTD.	073	EASTERN GAS BOARD
074	TOTAL OIL MARINE PLC, LONDON	075	BNCS- BANGOR UNIVERSITY
076	BNSC - GWYNEDD LOCAL EDUCATION AUTHORITY	077	BRITISH AEROSPACE
078	INMARSAT, LONDON NW1	079	BRITISH TELECOM INTERNATIONAL, LONDON EC4
080	BRITISH NATIONAL SPACE CENTRE, LONDON SW1	081	BRITISH AEROSPACE, STEVENAGE, HERTS
082	U.S. GOVERNMENT	083	PLYMOUTH UNIVERSITY
084	BRIGHTSTAR COMMUNICATIONS LTD	085	MAXWELL COMMUNICATIONS LTD
086	MAXAT, LONDON	087	I-CO GLOBAL COMMUNICATIONS (OPERATIONS) LIMITED
088	SINO MERCHANT HOLDINGS LIMITED (SMHL)	089	ETOILE LIMITED (PACIFIC CENTURY GROUP COMPANY)
090	ASC (GIB) LTD, LONDON	091	SES SATELLITES (GIB) LTD
092	MATRA MARCONI SPACE UK LTD	093	MICROCELL LINKS LIMITED
094	UNIVERSITY OF ESSEX	095	BT
096	HEREFORD & WORCESTER	097	MID-GLAMORGAN AMBULANCE SVS
098	EDINBURGH COLLEGE OF ART	099	MICROTEL PCN
100	CITY OF BATH COLLEGE	101	MERCURY ONE-2-ONE
102	ASSOCIATED CO-OP CREAMERIES	103	BRITISH GAS WEST MIDLANDS

## SECTION IV - Table 12A/12B

G	United Kingdom	
104	FIFE COLLEGE OF FURTHER EDUCAT	105 NATIONAL LIBRARY OF SCOTLAND
106	PORTSMOUTH POLYTECHNIC	107 POST OFFICE IT
108	EAST MIDLANDS ELECTRICITY PLC	109 SCOTTISH TELECOM
110	EASTERN ELECTRICITY	111 NUCLEAR ELECTRIC PLC
112	DERBY UNIVERSITY	113 CIVIL AVIATION AUTHORITY
114	YORKSHIRE ELECTRICITY GROUP	115 NORTHAMPTON POLICE
116	EUROBELL	117 WIGAN MET BOROUGH COUNCIL
118	NORTHERN IRELAND WATER EXEC	119 BRITISH GAS PLC
120	TORRIDGE DISTRICT COUNCIL	121 SOUTHERN ELECTRICITY PLC
122	NORFOLK CONSTABULARY	123 NORVILLE OPTICAL CO
124	MIDLANDS ELECTRICITY PLC	125 BUSINESS DEVELOPMENT SERVICE
126	RUNSHAW COLLEGE	127 NORTHERN IRELAND POLICE AUTH.
128	GOVT COMMUNICATIONS BUREAU	129 N. IRELAND ELECTRICITY PLC
130	SOUTH WEST WATER	131 PETERLEE COLLEGE
132	THAMES WATER UTILITIES	133 NORWEB COMMUNICATIONS
134	ACC LONG DISTANCE UK LTD	135 DEVON AND CORNWALL POLICE
136	STRATHCLYDE BUSES	137 IONICA L3 LTD
138	STRATHCLYDE WATER	139 PETERBOROUGH HOSPITAL NHS
140	ELF ENTERPRISE CALEDONIA LTD	141 DYFED POWYS POLICE
142	TEES AND HARTLEPOOL PORT AUTH.	143 SOUTH WALES ELECTRICIY
144	WIRRAL METROPOLITAN COLLEGE	145 TORCH TELECOM
146	GRAMPIAN REGIONAL COUNCIL	147 GRAMPIAN FIRE BRIGADE
148	KENT COUNTY COUNCIL	149 BR TELECOMMUNICATIONS LTD
150	BP EXPLORATION	151 RAILTRACK GREAT WESTERN PLC
152	CABLETEL	153 ATLANTIC TELECOMMUNICATIONS LD
154	KEELE UNIVERSITY	155 SWEB TELECOMS
156	MOD FARNBOROUGH	157 TANET LTD
158	WEST MIDLANDS AMBULANCE	159 OXFORDSHIRE AMBULANCE SERVICE
160	THE HIGHWAYS AGENCY	161 CHESHIRE CONSTABULARY
162	NORTH EAST WATER	163 UNIVERSITY OF WALES COLLEGE
164	NATIONAL MUSEUM AND GALLERIES	165 SOUTHAMPTON UNIVERSITY
166	CABLE AND WIRELESS COMMS	167 NATIONAL TELECOMMUNICATIONS
168	NATIONAL TRANSCOMMUNICATIONS	169 ROYAL BERKSHIRE AMBULANCE
170	FIRE AUTHORITY FOR N. IRELAND	171 COVENTRY UNIVERSITY
172	HIGHWAY ONE CORPORATION LTD	173 J SAINSBURY
174	LUCENT TECHNOLOGIES	175 UNIVERSITY OF PLYMOUTH
176	ENERGIS COMMUNICATION	177 AFRICAN CONTINENTAL TELECOMMUNICATIONS (ACTEL) LIMITED
178	MARITIME AND COASTGUARD AGENCY	179 MANSAT LIMITED
180	TOPSAT SPACE NETWORKS	181 SURREY SATELLITE TECHNOLOGY LIMITED
182	DIRECTV UK LTD.	183 INTELSAT
184	PARADIGM SERVICES LTD	185 MINISTRY OF TELECOMMUNICATIONS AND ECOMMERCE
186	HUGHES NETWORK SYSTEMS LIMITED	187 AVANTI COMMUNICATIONS LTD
188	ICO SATELLITE NORTH AMERICA LIMITED	189 TERRESTAR NETWORKS BERMUDA LTD
190	SKYTERRA BERMUDA LTD	191 IRIDIUM SATELLITE (BERMUDA) LTD
192	O3B LIMITED	193 MOBILE SATELLITE VENTURES BERMUDA LTD
194	DF GLOBAL WIRELESS LP	195 SES SATELLITES (BERMUDA) LTD
196	VIASAT SATELLITE HOLDINGS LIMITED	197 EA 172 UK LTD
198	WORLDVU SATELLITES LTD	199 VIASAT TECHNOLOGIES LIMITED
200	ECHOSTAR BERMUDA LIMITED	201 CLYDE SPACE LTD
202	SKY AND SPACE GLOBAL (UK) LIMITED	203 EFFECTIVE SPACE SOLUTIONS LIMITED
204	SATIXFY UK LIMITED	205 IOSAT 140 LIMITED
206	TELESAT INTERNATIONAL LIMITED	207 COM DEV EUROPE LIMITED (T/A HONEYWELL)
208	PDSAT LLC	209 STATION BRAVO LTD
210	METHERA GLOBAL COMMUNICATIONS LIMITED	211 SATELLITE APPLICATIONS CATAPULT LIMITED
212	EMPYREAL NETWORKS LIMITED	213 OPEN COSMOS LTD
214	YOYODYNE LTD	215 E2E SATCOM LIMITED
216	IN-SPACE MISSIONS LIMITED	217 LASER LIGHT GLOBAL LIMITED
218	MANGATA NETWORKS LTD	219 SEN CORPORATION LIMITED
GAB	Gabon	
A	AUTORITE DE REGULATION DES COMMUNICATIONS ELECTRONIQUES ET DES POSTES (ARCEP) BP 50000 LIBREVILLE GABON PHONE: +241 011446811	



## SECTION IV - Table 12A/12B

<b>GAB</b>	Gabon
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**B** AGENCE NATIONALE DES INFRASTRUCTURES NUMERIQUES ET DES FREQUENCES (ANINF)  
BP 798  
LIBREVILLE  
GABONAISE  
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PHONE: +241 011795277

<b>001</b>	FORCES TERRESTRES FRANCAISES	<b>002</b>	MARINE NATIONALE FRANCAISE
<b>003</b>	AERONAUTIQUE MILITAIRE FRANCAISE	<b>004</b>	ASECNA
<b>005</b>	RADIO GABON B.P.150, LIBREVILLE	<b>006</b>	GABON TELECOM
<b>008</b>	GABON TELECOM	<b>009</b>	METEOROLOGIE NATIONALE
<b>010</b>	RESEAU DE SECURITE ET DE GENDARMERIE	<b>013</b>	GABON TELECOM
<b>014</b>	RADIODIFFUSION NATIONALE	<b>015</b>	PHARES ET BALISES
<b>016</b>	ARMEE NATIONALE	<b>017</b>	AGENCE GABONAISE D'ETUDES ET D'OBSERVATIONS SPATIALES (AGEOS)
<b>018</b>	AGENCE NATIONALE DES INFRASTRUCTURES NUMERIQUES ET DES FREQUENCES	<b>019</b>	AIRTEL GABON

<b>GCA</b>	United Kingdom (Non-metropolitan) - Region 1
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PHONE: +44 20 7981 3100

<b>001</b>	UNITED KINGDOM GOVERNMENT	<b>002</b>	UNITED KINGDOM POST OFFICE
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<b>GCC</b>	United Kingdom - Region 3
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**A** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
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TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

<b>001</b>	UNITED KINGDOM GOVERNMENT
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<b>GEO</b>	Georgia
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**A** GEORGIAN NATIONAL COMMUNICATIONS COMMISSION  
42 AL. KHAZBEGI AVE.  
TBILISI, 0177  
GEORGIA  
TELEFAX: +995 32 921625  
TELEX: 064 212911 PTB SU  
EMAIL: post@gncc.ge  
PHONE: +955 32 921668

<b>001</b>	MINISTRY OF TELECOMMUNICATION
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## SECTION IV - Table 12A/12B

GHA	Ghana		
<b>A</b>	MINISTRY OF COMMUNICATIONS P.O. BOX M.38 ACCRA GHANA TELEFAX: +233 21 667 114 TELEX: 094 3010 ENGHQ GH EMAIL: GHANATEL@NCS.COM.GH PHONE: +233 21 666 465		
<b>B</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100		
001	POLICE	002	POSTMASTER GENERAL, ACCRA
003	GHANA PUBLIC RELATIONS OFFICE	004	CABLE AND WIRELESS LIMITED, LONDON W.C.2
005	POSTS AND TELECOMMUNICATIONS DEPT.	006	UNITED KINGDOM GOVERNMENT
007	MANKOADZE FISHERIES LTD.	008	EMBASSY OF THE PEOPLE'S REPUBLIC OF ROUMANIA
009	D.C.A. (DEPARTMENT OF CIVIL AVIATION)	010	METEOROLOGICAL DEPARTMENT
011	GHANA BROADCASTING SERVICE	012	STAR-KIST INTERNATIONAL S.A.
013	TRADE REPRESENTATIVE OF THE GERMAN DEMOCRATIC REPUBLIC	014	GOVERNMENT OF GHANA
015	POLISH EMBASSY	016	BAPTIST MEDICAL CENTRE
017	A. KASSARDJIAN LTD.	018	BIBIANI LOGGING AND LUMBER CO. LTD.
019	GHANA RAILWAY AND HARBOURS	020	GULF EASTERN COMPANY
021	GOVERNMENT TRANSPORT DEPARTMENT	022	EMBASSY OF THE U.S.S.R.
023	Y.H. GASSOUB AND CO.	024	EMBASSY OF ISRAEL
025	EMBASSY OF YUGOSLAVIA	026	PARKINSON HOWARD LTD.
027	CZECHOSLOVAK LEGATION	028	AFRICAN TIMBER PLYWOOD, SAMBREBOI
029	BRITISH ALUMINIUM LTD., AWASO	030	STANDARD ELECTRIC CO.
031	UNITED AFRICAN CO., GHANA	032	MOBIL OIL GHANA LTD., ACCRA
033	R.T. BRISCOE (GHANA) LTD.	034	EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA
035	SWISS LUMBER COMPANY	036	UNIVERSITY COLLEGE OF GHANA
037	GLIKSTEN (WEST AFRICA) LTD.	038	CONSOLIDATED AFRICAN SELECTION TRUST LTD.
039	MINISTRY OF FOOD AND AGRICULTURE FISHERIES DIVISION	040	U.S. EMBASSY, ACCRA
041	UNITED GHANA FARMERS' COUNCIL	042	VOLTA RIVER AUTHORITY
043	EMBASSY OF THE PEOPLE'S REPUBLIC OF BULGARIA	044	EMBASSY OF THE HUNGARIAN PEOPLE'S REPUBLIC
045	GHANA RADIO AND T.V. CORP.	046	JOINT VENTURE LOWER VOLTA BRIDGE
047	LOVER VOLTA IRRIGATION DEVELOPMENT	048	A. LANG LTD.
049	PHILIPS TELECOMMUNICATIONS	050	MINISTRY OF FUEL AND POWER
051	EMBASSY OF THE DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA	052	GHANA NEWS AGENCY
053	MIM. TIMBER CO. LTD.	054	ASHANTI GOLDFIELDS CORPORATION LTD.
055	GHANA AIR FORCE	056	GHANA CONSOLIDATED MACHINERY AND TRADING COMPANY LTD.
057	STAR FISHERIES LIMITED	058	SOCIETE COMMERCIALE DE L'OUEST AFRICAIN
059	GAME AND WILDLIFE DEPARTMENT	060	JOHN BITAR AND CO. LTD.
061	STANDARD BANK OF W.A. LTD	062	BISCAY FISHERIES LIMITED
063	OCEAN FISHERIES LIMITED	064	UNITED CHURCH BOARD FOR WORLD MINISTRIES
065	BROTHERS OF ST. JOHN OF GOD	066	BANK OF GHANA
067	GHANA NATIONAL TRADING CORPORATION	068	PFIZER LTD. ACCRA
069	S.C.M.B. (COCOA MARKETING BOARD)	070	AFRICAN MANGANESE CO.
071	GEOLOGICAL SURVEY DEPT.	072	EMBASSY OF CONGO KINSHASA
073	VANOLY CO. LTD.	074	EVANGELICAL LUTHERAN CHURCH
075	EJURA FARM GHANA LTD.	076	E.O. AGYEMANG (LOGGING)
077	WATER RESOURCES RESEARCH UNIT	078	A.G. TIMBERS AND TRADING COY.
079	JUAPONG TEXTILES LTD.	080	GHANA INSTITUTE OF AQUATIC BIOLOGY
081	GHANA PRISON SERVICE	082	GEO PRODUCTS LTD.
083	GHANA COMMERCIAL BANK	084	GHANA WATER AND SEWERAGE CORP.
085	EMBASSY OF FEDERAL REPUBLIC OF GERMANY	086	NKAWKAW SAWMILL LTD.
087	PAN TIMBERS LTD.	088	NYAME BEKYERE SAWMILL LTD.

## SECTION IV - Table 12A/12B

GHA	Ghana		
089	GHANA TIMBER MARKETING BOARD	090	AKOSOMBO TEXTILES LTD.
091	GHANA SUGAR ESTATE LTD.	092	GHANA CO-OPERATIVE MKT.ASSOC.
093	TEPA SAWMILL CO LTD.	094	STATE CONSTRUCTION CORP.
095	STATE INSURANCE CORPORATION	096	NABB BROTHERS LTD.
097	PRODUCE BUYING AGENCY LTD.	098	BRITISH PETROLEUM (GH) LTD.
099	STADE GOLD MINING CORP.	100	GHANAIN GERMAN AGRIC DEV PROJ.
101	ROCKSHELL ENTERPRISES LTD.	102	IRANI BROTHERS AND OTHERS
103	SALTPOND CERAMICS	104	FOOD SPECIALITIES
105	CRYSTAL OIL MILLS LTD	106	CARL PLOETNER
107	HAYOETZ LTD.	108	IBM WORLD TRADE CORP.
109	CONTROLLER AND ACCOUNTANT	110	GHANA INDUSTRIAL FARMS
111	DUNIA LINE INDUSTRIES	112	HALKO LTD.
113	CEMENTATION CONSTRUCTION	114	AGRICULTURE DEV. BANK
115	GUINNESS LTD.	116	BARCLAYS BANK
117	GHANA AIRWAYS	118	WROSUBOB PARMACEUTICALS
119	AKUMA RIVER ESTATE LTD.	120	CONSAR GHANA LTD.
121	T. CHANDIRAMS CO. LTD.	122	MAHOGANY FURNITURE CO. LTD.
123	RORO SERVICES (GH) LTD.	124	ACHIMOTA BREWERY COMPANY
125	WORLDSpace GHANA LTD.		

GIB	Gibraltar		
<b>A</b>	THE CHIEF EXECUTIVE GIBRALTAR REGULATORY AUTHORITY 2nd FLOOR, EUROTOWERS 4 1 EUROPORT ROAD GIBRALTAR GX11 1AA TELEFAX: +350 20072166 PHONE: +350 20074636 EMAIL: info@gra.gi		
<b>B</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: + 44 20 7981 3208 TELEX: 051261969 DTI WBH G PHONE: +44 20 7981 3100 EMAIL: ifc.enquiries@ofcom.org.uk		
001	GIBTELCOM	002	UNITED KINGDOM GOVERNMENT
003	GOVERNMENT OF GIBRALTAR	004	CIVIL AVIATION AUTHORITY
005	CAPTAIN OF THE PORT	006	GIBRALTAR BROADCASTING CORP.
007	BROADBAND GIBRALTAR LIMITED	008	SOUND SERVICES VISION CORP.
010	EAZITELCOM LTD	011	GIBFIBERSPEED LTD

GLP	Code to be used to indicate geographical area on or after 15.04.2010 designating Guadeloupe (French Department of).		
<b>A</b>	MONSIEUR LE DIRECTEUR GENERAL AGENCE NATIONALE DES FREQUENCES 78, AVENUE DU GENERAL DE GAULLE - BP400 94704 MAISONS ALFORT CEDEX FRANCE EMAIL: earthcoord@anfr.fr (Stations terriennes) EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes) EMAIL: tercoord@anfr.fr (Services de Terre) TELEFAX: +33 1 45 18 73 90 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 45 18 73 90 (Stations terriennes)		
001	FORCES TERRESTRES	002	ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS
003	CONSEIL SUPERIEUR DE L'AUDIOVISUEL	004	AVIATION CIVILE
005	SURETE NATIONALE	006	METEOROLOGIE NATIONALE
007	STATIONS SOUS CONTROLE P.T.T.	008	MINISTERE DE L'INTERIEUR
009	DEFENSE NATIONALE	010	AERONAUTIQUE MILITAIRE FRANCAISE
011	GENDARMERIE NATIONALE	012	MARINE NATIONALE

## SECTION IV - Table 12A/12B

<b>GLP</b>	Code to be used to indicate geographical area on or after 15.04.2010 designating Guadeloupe (French Department of).		
019	PHARES ET BALISES	034	AUTORITE DE REGULATION DES TELECOMMUNICATIONS

<b>GMB</b>	Gambia		
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**A** THE MANAGING DIRECTOR  
GAMBIA TELECOMMUNICATIONS COMPANY LTD., GAMTEL  
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**B** INTERNATIONAL FREQUENCY COORDINATION  
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PHONE: +44 20 7981 3100

001	DIRECTOR OF POSTS AND TELEGRAPHS	002	CABLE AND WIRELESS LIMITED, LONDON
004	GAMBIA GOVERNMENT	005	AGRICULTURAL DEPT. GAMBIA
007	GAMBIA POLICE FORCE	008	UNITED AFRICA COMPANY LTD.
010	S. MADI, LTD.	011	GAMBIA OILSEEDS MARKETING BOARD
012	BRITT WADNER, BATHURST	013	MINISTRY OF INFORMATION BROADCASTING

<b>GNB</b>	Guinea-Bissau		
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**A** INSTITUT DES COMMUNICATIONS (ICGB)  
AV. DOMINGO RAMOS, 53  
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PHONE: +245 204873 / 74

**B** NATIONAL POST AND TELECOM AGENCY  
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S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

001	SERVICO DE AERONAUTICA CIVIL	002	POSTES, TELEGRAPHES ET TELEPHONES
003	SERVICOS T. AEREOS	004	C.E.C.T., CP200- BISSAU, TELEPOSTAL, BISSAU
005	MINISTERIO DA MARINHA	006	FORCA AEREA
007	POLICIA INTERNACIONAL DE DEFESA DE ESTADO	008	DIR. AERONAUTICA CIVIL, BISSALANCA - BISSAU
009	RADIODIFUSAO NACIONAL DA GUINE-BISSAU, BISSAU	010	ESTRELA DO MAR, CP306-BISSAU
011	SWEDISH GOVERNMENT	012	C.E. TRANSPORTE E TURISMO
013	GUIALP	014	SEMA PESCA

## SECTION IV - Table 12A/12B

<b>GNE</b>	Equatorial Guinea
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- A** MINISTERIO DE TRANSPORTES, TECNOLOGIA, CORREOS Y TELECOMUNICACIONES  
DIRECCION GENERAL DE CORREOS Y TELECOMUNICACIONES  
MALABO  
TELEFAX: +240 92919  
TELEX: 0999 5405 GBNOM EG
- 001** AEROPUERTO MALABO  
**003** SERVICIO NACIONAL DE TELECOMUNICACIONES
- 002** AEROPUERTO BATA

<b>GRC</b>	Greece
------------	--------

- A** MINISTRY OF TRANSPORT AND COMMUNICATIONS  
ADMINISTRATION OF POST AND TELECOMMUNICATIONS  
GENERAL DIRECTORATE OF COMMUNICATIONS  
2, ANASTASEOS STR.  
GR-101 91 ATHENS  
GREECE  
TELEFAX: +30 210 650 8549  
TELEX: 0601 216369 YSYG GR  
PHONE: +30 210 650 8809
- B** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S
- C** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- D** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA,  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- 001** O.T.E.
- 002** RADIODIFFUSION - TELEVISION HELLENIQUE (ERT)
- 003** EMBASSY OF THE REPUBLIC OF TURKEY  
**005** THE HELLENIC NAVY COMMAND ATHENS
- 004** SWEDISH GOVERNMENT  
**006** DIRECTION GENERALE DE L'AVIATION CIVILE
- 007** OBSERVATOIRE NATIONAL ATHENES  
**009** DEPARTMENT OF STATE, WASHINGTON
- 008** HEL COAST GUARD  
**010** SERVICE DE RADIODIFFUSION - TELEVISION DE FORCES ARMÉES DE GRECE
- 011** USICA  
**012** MINISTERE DE LA DEFENSE NATIONALE
- 020** NATIONAL TELECOMMUNICATIONS AND POST COMMISSION - EETT  
**301** VODAFON PANAFON S.A.
- 302** STET HELLAS TELECOMMUNICATIONS S.A.  
**303** COSMOTE MOBILE COMMUNICATION S.A.
- 305** SYNED  
**306** ALPHA DIGITAL SYNTHESIS S.A. (A.D.S)
- 307** ANTENNA SATELLITE S.A.  
**308** UNITEL HELLAS S.A.
- 309** KB IMPULS HELLAS S.A.  
**310** TELESPIAZIO S.P.A.
- 311** COM-TO NET S.A.  
**312** HELLAS-SAT CONSORTIUM LIMITED

<b>GRD</b>	Grenada
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- A** PERMANENT SECRETARY  
MINISTRY OF COMMUNICATIONS AND WORKS  
CALIZIGNY  
ST. GEORGE'S  
TELEFAX: +1 473 440 4122  
TELEX: 0395 3418 MINFIN GA
- 001** WINDWARD ISLANDS BROADCASTING SERVICE  
**003** INTERNATIONAL AERADIO (CARIB) LIMITED
- 002** GOVERNOR OF THE WINDWARD ISLANDS  
**004** CABLE AND WIRELESS (W.I.) LTD., LONDON

## SECTION IV - Table 12A/12B

<b>GRL</b>	Greenland
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<b>A</b>	NATIONAL TELECOM AGENCY COORDINATION DIVISION HOLSTEINSGADE 63 DK - 2100 KOBENHAVN O TELEX: 055 31100 NTA DK		
<b>B</b>	THE DIRECTOR GENERAL RADIOCOMMUNICATIONS AND BROADCASTING REGULATORY BRANCH INDUSTRY CANADA 300 SLATER STREET OTTAWA, ONTARIO K1A 0C8 TELEX: 021 053 4123 comtel ott		
<b>001</b>	MINISTRY FOR GREENLAND	<b>002</b>	MINISTERE DE LA DEFENSE, COPENHAGUE
<b>003</b>	DIRECTION DE L'AVIATION CIVILE, COPENHAGUE	<b>004</b>	SERVICE PHARES ET BALISES, COPENHAGUE
<b>005</b>	DEN KONGELIGE GRONLANDSKE HANDEL	<b>006</b>	DANISH ARCTIC CONTRACTORS
<b>007</b>	KRYOLITSELSKABET OERESUND A/S	<b>008</b>	DET STORE NORDISKE TELEGRAF, SELSKAB
<b>009</b>	NORDAFAR FAERINGEHAVN	<b>010</b>	GROENLANDSFLY A.S. GODTHAAB
<b>011</b>	THULE AIR BASE		

<b>GTM</b>	Guatemala
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<b>A</b>	SUPERINTENDENCIA DE TELECOMUNICACIONES 14 CALLE 3-51, ZONA 10 EDIFICIO MURANO CENTER, NIVEL 16 CIUDAD DE GUATEMALA 01010 GUATEMALA TELEFAX: +502 2366 5890 PHONE: +502 2366 5800		
<b>003</b>	RADIO NUEVO MUNDO	<b>004</b>	RADIO CULTURA
<b>006</b>	LA VOZ DE LAS AMERICAS	<b>013</b>	LA VOZ DE QUEZALTENANGO
<b>014</b>	RADIO INTERNACIONAL	<b>015</b>	LA VOZ DE GUATEMALA
<b>016</b>	EDIFICIO GALERIAS ESPANA	<b>017</b>	EMPRESA GUATEMALTECA DE AVIACION, AVIATECA
<b>023</b>	RADIO CONTINENTAL	<b>024</b>	CENTRAL DISTRIBUIDORA CIA. LTDA.
<b>025</b>	ALGODONERA LA HORQUETA LTDA	<b>026</b>	DIRECCION GENERALE DE LA RADIODIFFUSION
<b>027</b>	TROPICAL RADIO TELEGRAPH CO.	<b>028</b>	EMPRESA AGRICOLA ZIMERI
<b>030</b>	BERTACCHI Y CIA LTDA., GUATEMARMOL	<b>032</b>	NELLO L TEER CO. OF CENTRAL AMERICA INC.
<b>034</b>	MANUEL JOHNSTON	<b>036</b>	J.A. GONZALEZ ANDRADE "RADIO EL CAMPO"
<b>037</b>	GERARDO HURTADO AGUILAR "RADIO XELAJU"	<b>038</b>	ENRIQUE FERNANDO BOPPEL ROSA
<b>039</b>	COMPANIA GUAT. DE MAQUINARIA	<b>040</b>	EQUIPOS ELECTRICOS DE GUATEMALA
<b>041</b>	RADIO LANDIVAR	<b>042</b>	RADIO HUNAPU
<b>043</b>	RADIO "PROGRESO" DE GUATEMALA	<b>044</b>	GUATEMALA LINE S.A. (MAYAN LINE)
<b>045</b>	CARIBBEAN LINE	<b>046</b>	TRANSPORTES GUATEMALA S.A.
<b>047</b>	CARLOS W. ELMENSHORST	<b>048</b>	WILLIAM IBARGUEN, FINCA, "SANTA ELISA"
<b>049</b>	ESCOLASTICO ORTEGA P.	<b>050</b>	SALINAS "SANTA ROSA"
<b>051</b>	YAM JO MACK	<b>052</b>	DIRECCION GENERAL DE CAMINOS
<b>053</b>	TACA INTERNATIONAL AIRLINES SA	<b>054</b>	AEROSERVICIOS DE EMERGENCIA
<b>055</b>	DIRECCION GENERAL DE AERONAUTICA CIVIL	<b>056</b>	LA VOZ DEL ATLANTICO
<b>058</b>	GUILLERMO GALAN PALOMO RADIO 1000	<b>059</b>	RADIO CORPORACION
<b>060</b>	FRANCISCO SOTO ARREAGA	<b>061</b>	EDGAR DE LEON VARGAS
<b>062</b>	PAN AMERICAN WORLD AIRWAYS INC.	<b>063</b>	INSTITUTO GUATEMALTECO DE SEGURIDAD SOCIAL
<b>064</b>	NAMCO INTERNACIONAL, INC.	<b>065</b>	IMPREGNADORA DE MADERA DE GUATEMALA S.A.
<b>066</b>	THOMPSON CORNWALL INC.	<b>067</b>	INGENIERO ALFREDO DELGADO
<b>068</b>	RUDI WEISSENBERG MARTINEZ	<b>069</b>	OCEANIC CONSTRUCTORS INC.
<b>070</b>	TRAGUA S.A.	<b>071</b>	RADIO AMERICA S.A.
<b>072</b>	GUSTAVO A. PIVARAL R.	<b>073</b>	OHIO OIL COMPANY OF GUATEMALA
<b>074</b>	BANCO DE OCCIDENTE	<b>077</b>	ESSO STANDARD OIL S.A.
<b>078</b>	ALFONSO LIU CHEOK.	<b>079</b>	W. E. DIESELDORFF
<b>080</b>	SIGNAL EXPLORACION DE GUATEMALA	<b>081</b>	ALGODONERA RETALTECA S.A.
<b>082</b>	FANJUL Y CIA	<b>083</b>	FABRICA DE SACOS "LA MAGDALENA"
<b>084</b>	IMPORTADORA GUATEMALTECA PRODUCTOS PEMEX	<b>085</b>	INDUSTRIA ELECTRICA LTDA.
<b>086</b>	CRUZ ROJA GUATEMALTECA	<b>087</b>	JULIO ARRIVILLAGA R.

## SECTION IV - Table 12A/12B

GTM	Guatemala		
088	LUIS BELTRANERA S. INDUSTRIA LICORERA GUATEMALTECA S.A.	089	MEZCLADORA S.A.
090	RODRIGUEZ Y CIA. LTDA.	091	CARLOS ALDANA RAMIREZ
092	DR. FRANCISCO ASTURIAS	093	CIA. DE HELICOPTEROS Y AVIONES "CONDEHA"
094	GUILLERMO ALFONSO BALLEZA ZAPATA	095	BANCO DE LONDRES Y MONTREAL
096	FINCA "MOCCA"	097	INTERCOMUNICADORA ELECTRONICA S.A.
098	RADIO CENTRO MUSICAL ROBERTO ANDREW	099	GUILLERMO ANDREU CORZO
100	AEROVIAS SUDAMERICANAS INC.	101	CIA. DISTRIBUIDORA GUATEMALTECA SHELL
102	CIA. PETROLERA CALIFORNIA LTDA.	103	ERNESTO GROB-VIDRIERIA MODERNA
104	EMPRESA ELECTRICA DE GUATEMALA S.A.	105	ROLANDO OSSAYE
106	ARRIOLAHERMANOS	107	INDUSTRIA DE CAFE S.A.
108	PASSAJE AYCINENA 8-27 ZONAL	109	RICARDO MEILLON Y CIA. LTDA.
110	HECTOR A. PIVARAL	111	RUTAS LIMA
113	INGENIERO MANLIO GIRACCA PEDELAHORE	114	FRATERNAL VILA BETORET
115	TEXAS PETROLEUM COMPANY	116	BANCO POPULAR S.A. DE COLOMBIA
117	J. BOLANOS Y CIA. LTDA.	118	AGENCIAS UNIDAS S.A.
120	CIA. MINERA DE HUEHUETENANGO S.A.	121	CIA. CONSTRUCTORA ASTURIAS VIZCAINO
122	PETROLEUM INVESTMENTS (OVERSEAS) LTD.	123	LARIZ FERNANDEZ Y CO. LTDA.
124	PANAMERICANA CIA. CONSTRUCTORA	125	RAMON CAMPOLLO L.
126	BANCO DE GUATEMALA	127	VITALIZADORA DE LLANTAS SUAREZ
128	INSTITUTO DE FOMENTO DE LA PRODUCCION	129	DESOLA Y CIA
130	AGENCIA MARITIMA S.A.	131	MARIANO LOPEZ HERRARTE
132	KONG HERMANOS	133	TRANSPORTES AMERICA
134	EMPRESA NACIONAL PORTUARIA DE MATIAS DE GALVEZ	135	DIRECCION GENERAL DE ADUANAS
136	STANDARD FRUIT CO.	137	HAMBURG AMERICAN LINE
138	ROBERTO BERGER	139	CENTRAL ANEJADORA GUATEMALTECA
141	ASOCIACION GUATEMALTECA DE PRODUCTORES DE ALGODON "AGUAPA"	142	MIGUEL ANGEL MENA RUIZ
143	BANCO DE INDUSTRIA Y COMERCIO DE GUATEMALA	144	RADIO EL CAMPO
145	REVERENDO WILLIAM H. WOODS CONVENTO SANTA CRUZ BARILLAS R. HUEHUETENANGO	146	MISION DEL EJERCITO DE ESTADOS UNIDOS PARA GUATEMALA
147	CENTROAMERICANAS S.A.	148	ALEJANDRO DEUTSCHMANN
149	BANCO AGRICOLA MERCANTIL	150	JULIA R. DE PLOCHARSKY
151	CARLOS MIRON	152	GARCIA SALAS HERMANOS
153	BANCO DEL AGRO S.A.	154	METALES Y ESTRUCTURAS S.A.
155	CARLOS DAETZ VILLELA	156	RADIO TELEVISION DE GUATEMALA S.A.
157	CORONEL RUBEN GONZALEZ SIGUI	158	PRESBITERO OSCAR GARCIA URIZAR
159	HERRERA Y CIA.	160	WALTER ROBERTO WIDMAN LUNA
161	EMPRESA PORTUARIA CHAMPERICO	162	COPESGUA S.A.
163	CIA PESQUERA DE GUATEMALA S.A.	164	AERO SERVICIO AGRICOLA
165	DIRECCION GENERAL DE RADIODIFUSION Y TV NACIONAL	166	CARLOS HUMBERTO DE LEON
167	JOSE MIRON M.	168	GORDON SMITH Y CIA
169	THE CENTRAL AMERICAN BENEVOLENT ASSOCIATION	171	JUAN JOSE ORTIZ
172	CIA. COMERCIAL CURACAO DE GUATEMALA S.A.	173	EDWIN BARTLETT EZETA
176	RADIO NACIONAL DE TOTONICAPAN	177	MARISCOS DE GUATEMALA CIA. LTDA.
178	REVERENDO PADRE JUAN ROMPA	179	SERVICIO GEODESICO INTERAMERICANO
180	SAMPERIO PASSARELLI Y CIA LTD.	181	COMPANIA INTERAMERICANA DE CAFE
182	EL ESTADO	183	ESCUELA FORESTAL CENTROAMERICANA
184	ALMACEN MONTBLANC	185	EXPLORACIONES Y EXPLOTACIONES MINERAS IZABAL S.A.
186	FABRICA MONTBLANC QUEZALTENANGO	187	TRANSPORTES RELAMPAGO
188	CREDITO HIPOTECARIO NACIONAL	189	GENERAL MILLS DE GUATEMALA
190	INDUSTRIA LICORNA GUATEMALTECA	191	PLANTACIONES "COYOLATE"
192	MARIO GARCIA SALAS	193	DOLORES MAZARIEGOS V. DE DIAZ
194	SALVADOR DELGADO Y CIA.	195	ICAITI
196	MARTA ESCOBAR DE RICHARDSON	197	IBARGUEN Y CIA LTDA.
199	PETER SHOENFELD Y CIA LTDA.	200	FRANCISCO ASTURIAS MALDONADO
201	DR. ROBERTO ZACHRISSON A.	202	CUERPO VOLUNTARIO DE BOMBEROS
203	PEDRO ARRIVILLAGA	204	HUMBERTO RIVERA BERMUDEZ
205	JUAN MIRON	206	MARIA LUISA SARTI V. DE BOUSCAYROL Y CIA.
207	CIA MADERERA GUATEMALTECA AMERICANA LTDA.	209	RADIO PALMERAS ESCUINTLA
210	MOTTA ALVARADO BONILLA	211	SISTEMA C.C.T.
212	PEDRO QUEZADA SUCS.	214	MELVILLE HERMANOS
215	JOSE ANTONIO MANSILLA R.	216	RADIO EMPERADOR
217	J. CESAR GARCIA PORRAS	220	D.G. DE CAMINOS
221	AGRO FORD LTDA.	222	TEXACO GUATEMALA, INC.
223	EXPLORADORA HERRERA, S.A.	225	ROBERTO CASTANEDA FELICE
226	DESMONTADORA DEL SUR	227	GUSTAVO A. GIRON CARTAGENA

## SECTION IV - Table 12A/12B

GTM	Guatemala		
228	AERO CLUB DE GUATEMALA	229	SERVICIOS AEREOS NACIONALES
230	CRISTOBAL HEMPSTEAD D.	231	EMILIO SELLE Y CIA LTDA.
232	CIA. AGUA DEL MARISCAL, S.A.	233	JOSE PATTEN BROWN JR.
234	RALDA, BERGER Y CIA. LTDA.	235	FELIX MONTES Y CIA. LTDA.
236	RICARDO SAMPERIO	237	ADOLFO CORDON SCHWANK
238	EMBOTELLADORA DEL PACIFICO	239	CASA AGRICOLA MERCANTIL Y EXPORTACION DE CAFE
240	ASOCIACION NACIONAL DEL CAFE	241	INTEROCEANICA
242	GUTIERREZ HERMANOS CIA. LTDA.	243	EMPACADORA DE CEREALES CIA. LTDA.
244	CLARCK TOURS	245	OSCAR E. CHEVES
246	JAMES H. ROSS	247	JUAN SANCHEZ JARABA
248	RODOLFO ESCOBAR MENDEZ	249	HARINERA DE OCCIDENTE
250	RODRIGUEZ, MOREIRA Y CIA	251	BANCO INMOBILIARIO S.A.
252	ASOCIACION DE PILOTOS AGRICOLAS	253	TIPIC S.A.
254	WILLIE DEWEY WOOD BEAVERS	255	UNITED FRUIT COMPANY
256	WILLIAM PENNINGTON CIA. LTDA.	257	FERROCARRIL VERAPAZ
258	AGRICOLA CENTROAMERICANA	260	ROBERTO MUNOZ MONTES
261	CIA. IMPORTADORA DE AUTOMOVILES S.A.	262	OSCAR DIAZ RAPHAEL
263	PLANTA DE PRODUCTOS LACTEOS ASUNCION MITA	264	HAWLEY HERMANOS
265	MANFREDO LIPPMANN GROSSMANN	266	DISTRIBUIDORA UNIVERSAL
267	JUAN JOSE DEL CARMEN M.	268	BONIFASSI HERMANOS
272	CARLOS GONZALEZ BONSEKI	273	CONSTRUCTORA DELTA
275	CIA. AGRO COMERCIAL S.A.	276	CARLOS KOZMA
277	MIGUEL ANGEL ARRIAZA PEROTTI	278	RUDI HERMAN
279	DONALD B HODGSDON Y CIA. SUCS.	280	INGENIO PALO GORDO S.A.
281	CIA. DE SEGUROS GENERALES GRANAI Y TOWNSON S.A.	282	INDUSTRIA PAPELERA CENTROAMERICANA S.A.
283	MANUEL ANTONIO MONTENEGRO MORALES	284	MARINA GOMEZ DE TORREBIARTE
285	EMPRESA GANADERA SANTA CLARA S.A.	286	UNIVERSIDAD DEL VALLE DE GUATEMALA

GUF	Guiana (French Department of)	
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<b>A</b>	MONSIEUR LE DIRECTEUR GENERAL AGENCE NATIONALE DES FREQUENCES 78, AVENUE DU GENERAL DE GAULLE - BP400 94704 MAISONS ALFORT CEDEX FRANCE EMAIL: earthcoord@anfr.fr (Stations terriennes) EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes) EMAIL: tercoord@anfr.fr (Services de Terre) TELEFAX: +33 1 45 18 73 90 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 45 18 73 90 (Stations terriennes)		
001	FORCES TERRESTRES	002	ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS
003	CONSEIL SUPERIEUR DE L'AUDIOVISUEL	004	AVIATION CIVILE
005	SERVICE DES PHARES ET BALISES	006	STATIONS SOUS CONTROLE P. ET T.
007	DEFENSE NATIONALE	008	MINISTERE DE L'INTERIEUR
009	CENTRE NATIONAL D'ETUDES SPATIALES	010	AERONAUTIQUE MILITAIRE FRANCAISE
011	GENDARMERIE NATIONALE	012	MARINE NATIONALE
013	CENTRE NATIONAL D'ETUDES SPATIALES	018	METEOROLOGIE
034	AUTORITE DE REGULATION DES TELECOMMUNICATIONS		

GUI	Guinea	
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<b>A</b>	AUTORITE DE REGULATION DES POSTES ET TELECOMMUNICATIONS (ARPT) QUARTIER ALMAMYA, COMMUNE DE KALOUM BP : 1500 CONAKRY / GUINEE TELEX: 099522107 POSTEL GE TELEFAX: +224 30 451 896 PHONE: +224 657 666 631 EMAIL: contact@arpt.gov.gn		
001	MINISTERE DE LA COMMUNICATION	002	MINISTERE DES TRANSPORTS



## SECTION IV - Table 12A/12B

<b>GUI</b>	Guinea		
003	SERVICE NATIONAL DE LA METEOROLOGIE	004	MINISTERE DE LA DEFENSE NATIONALE
005	MINISTERE DE LA SECURITE ET DE LA PROTECTION CIVILE		

<b>GUM</b>	Guam
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- A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION: MR. RICHARD B. ENGELMAN  
2000 M STREET  
ROOM 868, STOP CODE #0800C  
WASHINGTON DC 20554 / UNITED STATES OF AMERICA  
TELEFAX: +1 202 418 1208 / 0398  
TELEX: 025 via twx 710 822 0160
- B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- |     |  |     |                                       |
|-----|--|-----|---------------------------------------|
| 001 | RCA GLOBAL COMMUNICATIONS INC.         | 002 | U.S. GOVERNMENT                       |
| 003 | COMSAT                                 | 008 | US GOVERNMENT - GEN                   |
| 051 | US GOVERNMENT COAST GUARD              | 230 | FEDERAL COMMUNICATIONS COMMISSION, BC |
| 310 | FEDERAL COMMUNICATIONS COMMISSION, PMA |     |                                       |

<b>GUY</b>	Guyana
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- A** THE MANAGING DIRECTOR  
NATIONAL FREQUENCY MANAGEMENT UNIT  
68 HADFIELD STREET  
D'URBAN PARK  
GEORGETOWN  
GUYANA  
PHONE: +592 226 3976  
TELEFAX: +592 226 7661  
EMAIL: md@nfmu.gov.gy
- |     |   |     |  |
|-----|---|-----|--|
| 001 | GUYANA TELECOMMUNICATION CORPORATION      | 002 | E. MCTURK                                  |
| 003 | GUYANA, UNITED BROADCASTING CO., LIMITED  | 004 | INTERNATIONAL AERADIO (CARIBBEAN) LIMITED  |
| 005 | GUYANA AIRWAYS CORPORATION                | 007 | INTERIOR DEPARTMENT                        |
| 008 | POLICE DEPARTMENT, GEORGETOWN             | 009 | PILGRIM HOLINESS CHURCH                    |
| 010 | GUYANA BALADA LIMITED                     | 011 | MINISTRY OF WORKS AND HYDRAULICS           |
| 012 | GUYUNI GOLDFIELDS, CO.                    | 013 | AGRICULTURE DEPARTMENT                     |
| 014 | RUPUNUNI DEV. CO.                         | 015 | TRANSPORT AND HARBOURS DEPARTMENT          |
| 016 | REYNOLDS METAL CO.                        | 017 | MAHAICONY - ABARY RICE DEV. SCHEME         |
| 018 | BOOKERS ESTATES LTD.                      | 019 | GUYANA INDUSTRIAL HOLDINGS LTD.            |
| 020 | PRISONS DEPARTMENT                        | 021 | WILLEMS TIMBER AND TRADING COMPANY LIMITED |
| 022 | GREENHEART LUMBER CO.                     | 023 | GUYANA TIMBERS                             |
| 024 | GUYANA MISSION OF SEVENTH DAY ADVENTISITS | 025 | KLEMWOOD SAWMILLS                          |
| 026 | FREDERICK MAHAICA                         | 027 | BARACARA QUARRIES                          |
| 028 | CIVIL AVIATION                            | 029 | UNEVANGELIZED FIELDS MISSIONS              |
| 030 | MISSIONARY AVIATION FELLOWSHIP            | 031 | ROMAN CATHOLIC MISSION                     |
| 032 | THE CHIEF HYDROMETEOROLOGICAL OFFICER     | 033 | GLOBAL AGRI INDUSTRIES LTD.                |
| 034 | M.C. CORREIA HOLDINGS LTD.                | 035 | GUYANA BAUXITE COMPANY                     |
| 036 | GUYANA ELECTRICITY CORPORATION            |     |  |

## SECTION IV - Table 12A/12B

<b>HKG</b>	Hong Kong (Special Administrative Region of China)
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**A** OFFICE OF THE TELECOMMUNICATIONS AUTHORITY  
29/F, WU CHUNG HOUSE  
197-221 QUEEN'S ROAD EAST  
WAHCHAI  
HONG KONG  
TELEFAX: (852) 803 5111  
TELEX: 70618 TAHK HX

**B** MINISTRY OF POSTS AND TELECOMMUNICATIONS  
RADIO REGULATORY DEPARTMENT  
13 WEST CHANG AN AVE.  
BEIJING 100804  
TELEX: 085 222187 PTDEX CN

<b>001</b>	HONG KONG GOVERNMENT	<b>002</b>	CABLE AND WIRELESS (HK) LTD
<b>003</b>	ROYAL HONG KONG POLICE FORCE	<b>004</b>	UNITED KINGDOM GOVERNMENT
<b>005</b>	HKG COMMERCIAL RADIO CO. LTD	<b>006</b>	MARINE DEPARTMENT
<b>007</b>	CIVIL AVIATION DEPARTMENT	<b>008</b>	RADIO TELEVISION HONG KONG
<b>009</b>	TELEVISION BROADCASTS LTD	<b>010</b>	ASIA TELEVISION LTD
<b>011</b>	ASIA SATELLITE TELECOMMUNICATIONS COMPANY LTD.	<b>012</b>	HUTCHVISION LTD.
<b>013</b>	HONG KONG TELECOM INTERNATIONAL	<b>014</b>	SATELLITE TELEVISION ASIA REGION LTD.

<b>HMD</b>	Heard and McDonald Islands
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**A** AUSTRALIAN COMMUNICATIONS AND MEDIA AUTHORITY  
P.O. BOX 78  
BELCONNEN ACT 2616  
AUSTRALIA  
TELEFAX: +61 2 6219 5353

**001** TELECOM AUSTRALIA

<b>HND</b>	Honduras
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**A** COMISION NACIONAL DE TELECOMUNICACIONES (CONATEL)  
APARTADO POSTAL NO. 15012  
TEGUCIGALPA, M.D.C  
HONDURAS  
TELEFAX: +504 234 8455

<b>001</b>	TROPICAL RADIO TELEGRAPH	<b>002</b>	GOBIERNO DE HONDURAS
<b>003</b>	DIRECCION GENERAL DE AERONAUTICA CIVIL DE HONDURAS	<b>004</b>	COCESNA
<b>005</b>	TELEVICENTRO, TEGUCIGALPA	<b>006</b>	VICA (VOZ E IMAGEN DE CENTROAMERICA)
<b>007</b>	BROADCASTING COMPANY	<b>008</b>	EMISORAS UNIDAS, TEGUCIGALPA
<b>009</b>	AUDIOVIDEO S.A., TEGUCIGALPA		

<b>HNG</b>	Hungary
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**A** NATIONAL MEDIA AND INFOCOMMUNICATIONS AUTHORITY  
(NMHH)  
FREQUENCY PLANNING AND COORDINATION UNIT  
VISEGRADI U. 106  
H-1133 - BUDAPEST  
HUNGARY  
EMAIL: fto@nmhh.hu

**C** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

## SECTION IV - Table 12A/12B

HNG	Hungary		
001	MINISTRY OF TRANSPORT, COMMUNICATIONS AND WATER MANAGEMENT	002	GOUVERNEMENT DE LA SUEDE
003	MAHART	004	MAGYAR RADIÓ
005	GOUVERNEMENT DE LA POLOGNE	006	GENERAL DIRECTORATE OF CIVIL AVIATION
007	SOVIET DANUBE SHIPPING COMPANY, GENERAL AGENCY IN BUDAPEST	008	AMBASSADE DE LA RUSSIE
009	GOUVERNEMENT DU JAPON	010	EMBASSY OF THE CZECH REPUBLIC
011	EMBASSY OF THE BULGARIAN REPUBLIC	012	EMBASSY OF AUSTRIA
013	EMBASSY OF FINLAND	014	EMBASSY OF SWITZERLAND
015	ANTENNA HUNGARIA	016	EMBASSY OF RUSSIAN FEDERATION
017	EMBASSY OF SLOVAL REPUBLIK	018	ADO- ES PENZUGYI ELLENORZESI HIVATAL
019	AGROTV-ATV RT.	020	GOVERNMENTAL FREQUENCY MANAGEMENT AGENCY
021	HUNGARIAN SATELLITE COMPANY	022	ALFA-VOX EGYESULET
023	ALISCA RADIO BT.	024	AVES TOURS KULTURALIS TERMESZETVED. BT.
025	BALATON TV KFT.	026	BALATONMARIAFURDO KOZSEG ONKORMANYZATA
027	BANKNET KFT.	028	BARCIKA-TV KFT.
029	BME EGYETEMI INFORMATIKAI SZOLGALTATO KP	030	BO-LAND Bt.
031	BROWN AND ROOT SERVICES CORPORATION	032	BUDAPEST BANK RT.
033	BUDAPEST KOBANYAI ONKORMANYZAT	034	BUDAPEST TV KFT.
035	BUDAPESTI ELEKTROMOS MUVEK RT.	036	BUDAPESTI MUSZAKI EGYETEM
037	DEBRECEN VAROSI TELEVIZIO KFT.	038	DEL-MAGYARORSZAGI TAVKOZLESI RT.
039	DIGITEL 2002 RT.	040	DOMBOVAR VAROSI ONKORMANYZAT
041	DUNAFERR Rt.TAVKOZLESI INTEZET	042	DUNAUJVAROSI VAROSI TELEVIZIO
043	EGIS GYOGYSZERGYAR RT.	044	EGRI VAROSI TELEVIZIO
045	EKM AUTOPALYA Rt	046	ELEKTRO-SZIGNAL KFT.
047	ELTE INFORMACIOTECHNOLOGIAI KP.	048	ELTE KOROSI CSOMA KOLLEGIUM
049	ERICSSON Kft.	050	EUROINVEST KOMMUNIKACIOS KFT.
051	EUROTEL Rt.	052	FEHERVAR TELEVIZIO KFT.
053	FERCOM KFT.	054	FERNCVAROSI TV Kft.
055	FORMUS KFT.	056	FOVAROSI VIZMUVEK Rt.
057	GTS MAGYARORSZAG TAVKOZLESI KFT.	058	GYONGYOS MEDIKERT ALAPITVANY
059	GYONGYOSI VAROSI TELEVIZIO KHT.	060	HALAS TV KHT.
061	HODMEZOVASARHELY ONKORMANYZATA	062	HUMAN OLTANOY.TERM.ES GYOGYSZERGYARTO RT
063	HUNGARO DIGITEL TAVKOZLESI KFT.	064	HUNGAROTEL RT.
065	HYDROTEL KFT.	066	IM. BUNTETESVEGREHAJTAS ORSZAGOS PK.
067	JASZMEDIA Jaszszagi Informacios Kht.	068	KABAI CUKORGYAR RT.
069	KABEL-KOMPLEX KFT.	070	KALNET BT
071	KANDO KALMAN VILLAMOSIPARI MUSZAKI FOISK	072	KAPOSVAR VAROS ONKORMANYZATA
073	KELET RADIO KFT.	074	KLK UDULOSZALLOK IGAZGATOSAGA
075	KOROS-KABEL KFT.	076	KOZGAZDASAGTUDOMANYI EGYETEM
077	KULUGYMINISZTERIUM	078	LENTI VAROSI TELEVIZIO
079	MADACH IMRE MUVELODESI KOZPONT	080	MAGUS BT
081	MAGYAR TAVIRATI IRODA	082	MAGYAR TAVKOZLESI RT.
083	MAGYAR TELEVIZIO Rt.	084	MAGYAR VILLAMOS MUVEK
085	MAV Rt. TEBSZ-KFI-TFO BP BALPART	086	MEDIA MOHACS KFT.
087	MEDIA-6 RADIO ES TV Kft.	088	MEGA-CITY KERESK. SZOLG. KFT.
089	MICRO KOMMUNIKACIOS KFT.	090	MOL RT. TAVKOZLESI UZLETAG
091	MONOR TELEFON TARSASAG RT.	092	MULTI-COM Kft.
093	NEMZETI INFOR. INFRA. F. P. KOORD. IRODA	094	NEMZETI UZLETI FOISKOLA
095	NOKIA TELECOMMUNICATIONS KFT.	096	NOVACOM TAVKOZLESI KFT.
097	NYIREGYHAZI VAROSI TELEVIZIO Kht.	098	OBUDA TV KFT.
099	ORSZAGOS FELSOOKTATASI FELVETELI IRODA	100	OZDI VAROSI TELEVIZIO KOZHASZNU TARSASAG
101	P.R. IPARI,KERESKEDELMI es SZOLG. Bt.	102	PAKS VAROS ONKORMANYZATA
103	PANNON GSM TAVKOZLESI Rt.	104	PANTEL TAVKOZLESI ES KOMMUNIKACIOS RT.
105	PAPA ES TERSEGE TELEFON RT.	106	PARTNERCOM Rt.
107	PIAR STUDIO KFT.	108	PICK-UP Kft.
109	PIR KFT.	110	PROCTER & GAMBLE KFT.
111	PUCHARDT-SAT Kft.	112	RADIANT TERMELO, SZOLGALTATO ES KER. RT.
113	RADIO ANTRITT	114	RADIO BRIDGE
115	RADIO INFORUM KFT.	116	REVITA STUDIO KFT.
117	ROLITRON INFORMACIOS Kft.	118	SALGOTARJAN VAROS ONKORMANYZATA
119	SAMSUNG EL.HUNG.CO.LD	120	SEMMELWEIS ORVOSTUDOMANYI EGYETEM
121	SIEMENS TELEFONGYAR KFT.	122	SZAZHALOMBATTA VAROS ONKORMANYZATA
123	SZOLNOK TELEVIZIO Rt.	124	SZ-SZ-B MEGYEI ONKORMANYZAT SZ-B KORHAZA
125	SZTAR TV KFT	126	TANDEM 92
127	TELANT HIRADASTECHNIKAI KFT.	128	TELE-HALOZAT KFT
129	TELEKOM HIRADASTECHNIKAI KFT.	130	TELIN Kft.

## SECTION IV - Table 12A/12B

HNG		Hungary	
131	TISZA MEDIA KHT.	132	TITASZ RT.
133	TKI-NETWORK KFT.	134	TV SZOMBATHELY
135	V.R.A.M. Rt.	136	VERITAS STUDIO KFT.
137	WESTEL 900 GSM Rt.	138	WESTEL RADIOTELEFON KFT.
139	ZALA MEGYEI KORHAZ	140	ZALAEGERSZEGI VTV Kft.
141	VOLÁNCOM KFT.	142	EMBASSY OF USA
143	ORSZÁGOS METEOROLÓGIAI SZOLGÁLAT	144	UPC Sport
145	RÁDIÓSOK ORSZÁGOS EGYESÜLETE	146	EGRI KATOLIKUS RÁDIÓ ALAPÍTVÁNY
147	SZLOVÉN RÁDIÓ KH	148	ÉDÁSZ RT.
149	CSABA TV BT	150	EPA-HCS TÁVKÖZLÉSI SZOLGÁLTATÓ KFT.
151	V.FON TÁVKÖZLÉSI SZOLG. RT.	152	TV EGY KULTÚRÁLIS ÉS MŰSORSZOLGÁLTATÓ RT
153	SPACECOM LTD.	154	MUEGYETEMI RADIO CLUB
155	C3S ELEKTRONIKAI FEJLESZTO KFT.		

HOL		Netherlands	
A	MINISTRY OF ECONOMIC AFFAIRS RADIO COMMUNICATIONS AGENCY NETHERLANDS P.O BOX 450 9700 AL GRONINGEN TELEFAX: +31 50 5877400		
001	RADIOCOMMUNICATIONS AGENCY P.O. BOX 450, 9700 AL GRONINGEN/NL	005	NETHERLANDS FOUNDATION FOR RADIO ASTRONOMY, STERRENWACHT, LEIDEN. FOR URGENT MATTERS: THE DIRECTOR, DWINGELOO RADIO OBSERVATORY, DWINGELOO, NETHERLANDS
006	PTT RADIO LABORATORY, LEIDSCHENDAM AND UTRECHT UNIVERSITY OBSERVATORY, UTRECHT	007	RADIO NETHERLAND WERELDOMROEP, HILVERSUM
008	NEDERLANDSE OMROEP STICHTING, HILVERSUM	009	EUROCONTROL
010	PTT TELECOM NETHERLANDS	012	DAF TRUCKS NV
013	TELENOR COMMUNICATIONS SERVICES B.V.	014	SES NEW SKIES B.V.
015	SPECTRUM FIVE LLC	016	T.U. DELFI
017	ISIS - INNOVATIVE SOLUTIONS IN SPACE BV	018	STICHTING AMSAT-NL
019	HIBER B.V.	020	VIASAT NETHERLANDS B.V.
021	MINISTRY OF DEFENCE		

HRV		Croatia	
A	CROATIAN POST AND ELECTRONIC COMMUNICATIONS AGENCY ROBERTA FRANGESA MIHANOVICA 9 10110 ZAGREB CROATIA TELEFAX: +385 1 700 70 70 PHONE: +385 1 700 70 07		
001	CROATIA AIRLINES	002	PLOVPUT - SPLIT
015	CROATIAN POST AND TELECOMMUNICATIONS	023	AIR TRAFFIC SERVICES AUTHORITY
024	MINISTRY OF MARITIME AFFAIRS, TRANSPORT AND COMMUNICATIONS	028	CROATIAN RADIO TELEVISION

## SECTION IV - Table 12A/12B

<b>HTI</b>	Haiti
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**A** MONSIEUR LE DIRECTEUR GENERAL DU CONSEIL  
NATIONAL DES TELECOMMUNICATIONS (CONATEL)  
16, CITE DE L'EXPOSITION BICENTENAIRE  
BOITE POSTALE 2002  
PORT-AU-PRINCE  
TELEFAX: +509 22 23 9229 / +509 2223 0579  
TELEX: CONATEL 02030353  
PHONE: +509 2222 0300  
EMAIL: info@conatel.gouv.ht

<b>003</b>	ADMINISTRATION PORTUAIRE DE PORT-AU-PRINCE	<b>005</b>	ARMEE
<b>006</b>	PAN AMERICAN AIRWAYS	<b>007</b>	RCA COMUNICACIONES
<b>008</b>	SERVICE AGRICOLE	<b>009</b>	WEST INDIES TELEPHONE
<b>010</b>	GOUVERNEMENT	<b>014</b>	MISSION AERIENNE
<b>015</b>	SERVICE TELEGRAPHES, TELEPHONES, RADIO	<b>018</b>	ESSO STANDARD OIL
<b>021</b>	MINES	<b>022</b>	CROIX ROUGE
<b>023</b>	CIMENT D'HAITI	<b>024</b>	NATIONS UNIES ONU
<b>025</b>	EDUCATION		

<b>HWA</b>	Hawaii (State of)
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**A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION MR. RICHARD B. ENGELMAN  
2000 M STREET  
ROOM 868, STOP CODE #0800C  
WASHINGTON DC 20554 / UNITED STATES OF AMERICA  
TELEFAX: +1 202 418 1208 / 0398  
TELEX: 025 VIA TWX 7108220160

**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

<b>001</b>	U.S. GOVERNMENT	<b>002</b>	DEPARTMENT OF COMMERCE
<b>003</b>	COMSAT	<b>004</b>	GTE SATELLITE CORPORATION
<b>005</b>	RCA AMERICAN COMMUNICATIONS, INC.	<b>006</b>	AMERICAN TELEPHONE AND TELEGRAPH CO.
<b>008</b>	US GOVERNMENT - GEN	<b>034</b>	AMERICAN SATELLITE COMPANY
<b>051</b>	US GOVERNMENT - CG	<b>310</b>	FEDERAL COMMUNICATIONS COMMISSION, PMA
<b>350</b>	FEDERAL COMMUNICATIONS COMMISSION, PAV		

<b>I</b>	Italy
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**A** MINISTERO DELLO SVILUPPO ECONOMICO - DIPARTIMENTO  
COMUNICAZIONI  
D.G. PLIANIFICAZIONE E GESTIONE DELLO SPETTRO  
RADIOELETTICO  
VIALE AMERICA 201 ROMA  
TELEFAX: +39 06 5914249  
TELEX: 043610217 PT RAD I

**B** RAI-RADIOTELEVISIONE ITALIANA  
VIALE MAZZINI 14  
00195 ROMA  
TELEX: 614432 RAIDIRRO

**C** SWISS TELECOM PTT  
CH-3030 BERNE  
SUISSE  
TELEFAX: +41 31 3382549  
TELEX: 045911010 PTT CH

**D** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

## SECTION IV - Table 12A/12B

I	Italy		
E	NUOVA TELESPAZIO S.P.A VIA TIBURTINA, 965 I-00156 ROMA TELEX: 610654 TELEDIRO		
F	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA, TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR		
G	FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC FREQUENCY OFFICE ARSENAL, OBJEKT 22, POB 79 A-1103 WIEN / AUSTRIA TELEX: 131 800 MONI A		
H	DIRECTORATE GENERAL OF TELECOMMUNICATIONS MINISTRY OF POST, TELEGRAPH & TELEPHONE P.O. BOX 15875-4415 15598 TEHERAN ISLAMIC REPUBLIC OF IRAN TELEX: 088 212444 PTT IR TELEFAX: +9821 867999		
001	MINISTERE DES POSTES ET TELECOMMUNICATIONS	002	MINISTERE DE DEFENSE
003	RAI RADIO ITALIANA	004	SOCIETA TELECOM ITALIA
005	CENTRE INT. RADIO MEDICAL	006	MINISTERO INTERNO
007	RADIOSTAMPA	008	MINISTERE DES TRANSPORTS
009	MINISTERE DES TRAVAUX PUBLICS	010	MINISTERO DIFESA AERONAUTICA
011	MINISTERO DELL' INTERNO - DIREZIONE GENERALE ANTINCENDIO E PROTEZIONE CIVILE - ROMA	012	AMBASSADE D'ISRAEL, ROME
013	ADMINISTRATION FEDERALE	014	EMBASSY OF THE REPUBLIC OF TURKEY
015	MINISTERE DE L'INSTRUCTION PUBLIQUE	016	U.S.A. COAST GUARD
017	DEPARTMENT OF STATE WASHINGTON	018	AZIENDA DI STATO PER I SERVIZI TELEFONICI
019	TELESPAZIO S.P.A.	020	RAI - RADIOTELEVISIONE ITALIANA
021	ISTITUTO ELETTROTECNICO NAZIONALE GALILEO FERRARIS - TORINO	022	DEPT. OF US AIR FORCE
023	MINISTERO AERONAUTICA	024	FIAT-SERVIZIO AEROMOBILI 10072
025	UNIVERSITA DI NAPOLI	026	AEROPORTO CASELLE TELEX 21602
027	CONSIGLIO NAZIONALE DELLE RICERCHE	028	OSTERREICHISCHE BOTSCHAFT
029	MULTINATIONAL FORCE AND OBSERVERS	030	ITN "G CABOTO GAETA"
031	RECCHI S.P.A.	032	AZIENDA AUTONOMA ASSISTENZA AL VOLO
033	U.S. EMBASSY	034	EMBASSY OF DENMARK
035	SOCIETE "SAMANTA S.P.A. SERVIZI AEREI"	065	A.S.S.T.
072	EMBASSY OF CZECHOSLOVAKIA	108	IST. FISICA UNIV. PADOVA
109	S.E.T.	110	ISPETTORATO GENERALE CAPITANERIE DI PORTO
111	STIPEL	112	SOC. TE. TI.
113	TIMO	114	TELVE
115	ATT.MARINARE "BAR SANTI" VIA S.ROCCO 1, 16032 CAMOGLI	116	AMBASSADE D'ALGERIE EN ITALIE
117	U.S. NAVY	118	EMBASSY OF POLAND
119	TECHNOSTONE S. P. A.	122	SOCIETY SALINI
121	NEXUS-INTERNATIONAL BROADCASTING ASSOCIATION	120	SOCIETE ITALTEL
123	G&A ENGINEERING S.R.L.	122	ITALIAN SPACE AGENCY
125	AMSAT ITALIA	124	POLITECNICO DI TORINO
127	INSTITUTO TECNOLOGICO "MAX VALIER"	126	G.A.U.S.S SRL (GROUP OF ASTRODYNAMICS FOR THE USE OF SPACE SYSTEM)
129	COMPAGNIA GENERALE PER LO SPAZIO	128	CNIT - CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI
131	SITAE S.P.A	130	GP ADVANCED PROJECTS SRLS
133	SAPIENZA UNIVERSITA DE ROMA DIPARTIMENTO DI INGEGNERIA ASTRONAUTICA, ELETTRICA ED ENERGETICA	132	D-ORBIT SPA

## SECTION IV - Table 12A/12B

<b>ICO</b>	Cocos (Keeling) Islands
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**A** AUSTRALIAN COMMUNICATIONS AND MEDIA AUTHORITY  
P.O. BOX 78  
BELCONNEN ACT 2616  
AUSTRALIA  
TELEFAX: +61 2 6219 5353

**001** DEPARTMENT OF CIVIL AVIATION  
**003** DEPARTMENT OF TERRITORIES  
**005** FIRE FIGHTING SERVICES

**002** OVERSEAS TELECOMMUNICATIONS COMMISSION  
**004** PRIVATE

<b>IND</b>	India
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**A** WIRELESS ADVISER TO THE GOVT. OF INDIA  
MINISTRY OF COMMUNICATIONS & IT  
DEPARTMENT OF TELECOMMUNICATIONS  
WIRELESS PLANNING AND COORDINATION WING  
601, SANCHAR BHAWAN  
20-ASHOKA ROAD  
NEW DELHI 110001 / REPUBLIC OF INDIA  
PHONE: +91 11 2375 5420 / 2303 6776  
TELEFAX: +91 11 2337 2141 / 2371 6111  
EMAIL: wawpc@nic.in

**B** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA,  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR

**C** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696

**D** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

**E** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT

**011** GOVERNMENT OF INDIA  
**013** EMBASSY OF THE REPUBLIC OF TURKEY

**012** UNITED NATIONS  
**014** TATA INSTITUTE OF FUNDAMENTAL  
RESEARCH, RADIO ASTRONOMY GROUP,  
COLABA, BOMBAY-5

**015** SWEDISH GOVERNMENT  
**017** DANISH GOVERNMENT

**016** EMBASSY OF THE STATE OF KUWAIT  
**018** OSTERREICHISCHE BOTSCHAFT

<b>INS</b>	Indonesia
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**A** MINISTRY OF COMMUNICATIONS AND INFORMATICS  
JL. MEDAN MERDEKA BARAT NO. 17  
JAKARTA 10110  
EMAIL: itu-multi@list.kominfo.go.id (general issues)  
PHONE: +62 21 3835801 / 3190925  
TELEFAX: +62 21 386 0781  
TELEX: 07344407 POSTEL IA  
EMAIL: terrestrial-ins@postel.go.id (terrestrial service)  
EMAIL: sat-ins@postel.go.id (satellite service)

## SECTION IV - Table 12A/12B

INS	Indonesia		
001	PT TELEKOM INDONESIA (PERSERO) TBK.	004	PERTAMINA, PT (PERSERO)
007	KERETA API INDONESIA (PERSERO), PT.	008	INDOSAT, TBK. PT.
010	TIMAH (PERSERO) TBK, PT.	012	PLN (PERSERO), PT.
014	SKK MIGAS-CHEVRON PACIFIC INDONESIA	015	HOTEL INDONESIA NATOUR, PT.
019	LEMBAGA PENYIARAN PUBLIK RADIO REPUBLIK INDONESIA	023	DIREKTORAT JENDERAL PERHUBUNGAN UDARA
025	PERKEBUNAN NUSANTARA III (PERSERO). PT	027	GARUDA INDONESIA (PERSERO) TBK, PT.
029	LEMBAGA PENYIARAN PUBLIK TELEVISI REPUBLIK INDONESIA	030	PT ANEKA TAMBANG, TBK
031	DIREKTORAT JENDERAL BEA DAN CUKAI	034	PUSAT VULKANOLOGI DAN MITIGASI BENCANA GEOLOGI
039	PT. PASIFIK SATELIT NUSANTARA	040	PT MEDIA CITRA INDOSTAR (MCI)
041	LEMBAGA PENERBANGAN DAN ANTARIKSA NASIONAL	043	PT. BANK RAKYAT INDONESIA (PERSERO), TBK.
044	PT SARANA MUKTI ADIJAYA	045	PEMERINTAH RI
046	MINISTRY OF DEFENSE REPUBLIC OF INDONESIA	048	PT PALAPA SATELIT NUSA SEJAHTERA
049	SURYA UNIVERSITY	050	PT. TELKOM SATELIT INDONESIA
051	PSN ENAM INDONESIA, PT	052	PT WAHANA TELEKOMUNIKASI DIRGANTARA
053	HUTCHISON 3 INDONESIA, PT.	054	TELEKOMUNIKASI SELULAR, PT.
055	XL AXIATA, TBK.	056	SMARTFREN TELECOM, TBK. PT.
057	SMART TELECOM, PT.	058	APLIKANUSA LINTASARTA, PT.
059	SAMPOERNA TELEKOMUNIKASI INDONESIA, PT.	060	PAMAPERSADA NUSANTARA, PT.
061	BADAN SAR NASIONAL	062	BANDAR NELAYAN, PT.
063	DITJEN PERHUBUNGAN LAUT	064	LION MENTARI AIRLINES, PT.
065	IMANI PRIMA, PT.		

IRL	Ireland		
<b>A</b>	THE COMMISSION FOR COMMUNICATIONS REGULATION BLOCKS D, E & F, ABBEY COURT IRISH LIFE CENTRE LOWER ABBEY STREET DUBLIN 1 PHONE: +353 1 804 9600/9634 TELEFAX: +353 1 804 9665/9680		
001	BROADCASTING AUTHORITY OF IRELAND (BAI)	002	DEPARTMENT OF COMMUNICATIONS ENERGY AND NATURAL RESOURCES (DCENR)
003	CORK HARBOUR COMMISSIONERS, CORK	004	COMMISSIONERS OF IRISH LIGHTS DUBLIN
005	RADIO TEILIFIS EIREANN (RTE)	006	EMBASSY OF RUSSIA
007	IRISH AVIATION AUTHORITY (IAA)	008	TRINITY COLLEGE DUBLIN
009	UCD SCHOOL OF PHYSICS		

IRN	Iran (Islamic Republic of)		
<b>A</b>	COMMUNICATIONS REGULATORY AUTHORITY (CRA) MINISTRY OF INFORMATION AND COMMUNICATION TECHNOLOGY (MICT) P.O. BOX 15875-4415 15598 TEHERAN ISLAMIC REPUBLIC OF IRAN EMAIL: irnadm@cra.ir PHONE: +9821 8966 2201 TELEFAX: +9821 8841 1666 / +9821 8846 8999 / +9821 8966 2213		
001	MINISTRY OF INFORMATION AND COMMUNICATION TECHNOLOGY	002	GOUVERNEMENT DE LA SUEDE
003	GENERAL DEPARTMENT OF PORTS	004	THE PERSIAN GULF LIGHTING SERVICES
005	D.G.C.A. AND AVIATION	006	NATIONAL IRANIAN OIL COMPANY
007	IRANIAN OIL EXPLORATION AND PRODUCING COMPANY	008	IRANIAN AIR FORCE
009	POLICE ADMINISTRATION	011	FORCES TERRESTRES
012	KHUZESTAN WATER AND POWER ORGANIZATION	013	RED LION AND SUN OF IRAN
014	EMBASSY OF THE REPUBLIC OF TURKEY	015	MINISTRY OF ROADS
018	EMBASSY OF THE REPUBLIC OF KOREA	020	MINISTRY OF INFORMATION
021	EDUCATIONAL TELEVISION DEPARTMENT OF IRAN	023	EMBASSY OF THE STATE OF KUWAIT



## SECTION IV - Table 12A/12B

<b>IRN</b>	Iran (Islamic Republic of)		
<b>024</b>	IRANIAN NEWS AGENCY	<b>025</b>	T.C.I. TELECOMMUNICATION COMPANY OF IRAN
<b>026</b>	INSTITUTE OF SURVEY ENGINEERING (ISE)	<b>027</b>	ISIG - IRAN SPACE INDUSTRIES GROUP
<b>028</b>	IRAN SPACE AGENCY	<b>029</b>	ISLAMIC REPUBLIC OF IRAN BROADCASTING (IRIB)

<b>IRQ</b>	Iraq		
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- A** MINISTRY OF TELECOMMUNICATIONS  
KARRADA  
ABO NAWAS STREET  
P.O. BOX 2450  
BAGHDAD  
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TELEX: 0491 212002 COMGEN IK  
PHONE: +964 1 717 7009
- B** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA,  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- C** MINISTRY OF GUIDANCE  
BAGHDAD
- D** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S
- E** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT
- F** COMMUNICATIONS AND MEDIA COMMISSION (CMC)  
AL-MASBAH  
HAY BABEL  
DISTRICT 929  
STREET 32, BUILDING 18  
PO BOX 2044 JADREIAH  
BAGHDAD  
TELEFAX: +964 1 719 5839  
PHONE: +964 1 718 0009  
EMAIL: enquiries@cmc.iq
- 003** GOUVERNEMENT DE LA SUEDE  
**005** EMBASSY OF THE STATE OF KUWAIT  
**008** DIRECTOR GENERAL, POSTS AND TELEGRAPHS
- 010** IRAQI COMPANY FOR OIL OPERATIONS P.O.  
BOX NO. 1, KIRKUK  
**012** MOSUL PETROLEUM CO. LTD., BAGHDAD  
**015** GOVERNMENT OIL REFINERIES  
ADMINISTRATION  
**017** IRAQI PORTS ADMINISTRATION  
**019** IRAQI TELECOMMUNICATIONS AND POSTS
- 004** EMBASSY OF THE REPUBLIC OF TURKEY  
**007** DIRECTOR GENERAL OF CIVIL AVIATION  
**009** DIRECTOR GENERAL PORTS AND  
NAVIGATIONS, BASRAH  
**011** BASRAH PETROLEUM CO. LTD., BAGHDAD  
**014** IRAQ GOVERNMENT  
**016** ROYAL IRAQI AIR FORCE  
**018** IRAQI NEW AGENCY

## SECTION IV - Table 12A/12B

<b>ISL</b>	Iceland
------------	---------

**A** POST AND TELECOM ADMINISTRATION  
SUDURLANDSBRAUT 4  
IS-108 REYKJAVIK  
ICELAND  
PHONE: +354 510 1500  
EMAIL: pfs@pfs.is  
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**C** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

<b>001</b> POSTS AND TELEGRAPH ADMINISTRATION, REYKJAVIK	<b>002</b> LIGHTHOUSE DIRECTOR, REYKJAVIK
<b>003</b> ICELAND DEFENCE FORCE, KEFLAVIK	<b>004</b> ICELAND STATE BROADCASTING SERVICE
<b>005</b> VOIR 3 - SEE 3 - VEASE 3	<b>006</b> BOARD OF CIVIL AVIATION, REYKJAVIK
<b>007</b> U.S. NAVY	<b>008</b> THE NATIONAL RESEARCH COUNSEL
<b>009</b> GOVERNMENT	<b>010</b> U.S. GOVERNMENT

<b>ISR</b>	Israel
------------	--------

**A** MINISTRY OF COMMUNICATIONS  
DEPUTY DIRECTOR OF SPECTRUM DIVISION  
9, AHAD HA'AM STREET  
P.O. BOX 29107  
61290 TEL-AVIV  
STATE OF ISRAEL  
TELEFAX: +972 3 5198 103  
EMAIL: mazarh@moc.gov.il  
PHONE: +972 3 5198 222

**C** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696

**D** MINISTERE DES AFFAIRES ETRANGERES,  
HELSINKI

**E** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA,  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR

**F** NATIONAL TELECOM AGENCY  
COORDINATION DIVISION  
HOLSTEINSGADE 63  
DK - 2100 KOBENHAVN O  
TELEX: 055 31100 NTA DK

<b>001</b> ISRAEL NAVY	<b>002</b> ISRAEL POLICE
<b>003</b> PALESTINE ELECTRIC COMPANY LTD.	<b>004</b> DEPARTMENT OF CIVIL AVIATION
<b>005</b> ADMINISTRATION OF POSTS, TELEGRAPHS, TELEPHONES AND RADIO	<b>006</b> MINISTRY OF AGRICULTURE
<b>007</b> GOVERNMENT OF ISRAEL	<b>008</b> AMBASSADE DE FINLANDE
<b>009</b> ISRAEL BROADCASTING SERVICE	<b>010</b> EL-AL ISRAEL NATIONAL AIRLINES LTD.
<b>011</b> CZECHOSLOVAK EMBASSY	<b>012</b> POTASH COMPANY
<b>013</b> FISHING COMPANIES	<b>014</b> SHIPPING AGENCIES
<b>015</b> FIRE BRIGADES	<b>017</b> EMBASSY OF THE REPUBLIC OF TURKEY
<b>023</b> UNITED NATIONS	<b>024</b> MEHTSAVEI ISRAEL, TEL AVIV
<b>025</b> ISRAEL DEFENCE FORCES, AIR FORCE	<b>026</b> MINISTRY OF COMMUNICATION
<b>027</b> ROYAL DANISH EMBASSY	<b>028</b> DANISH GOVERNMENT
<b>029</b> CROIX ROUGE	<b>030</b> ROYAL SWEDISH EMBASSY
<b>031</b> ROYAL NETHERLANDS EMBASSY	<b>032</b> EMBASSY OF THE FEDERAL REPUBLIC OF GERMANY
<b>033</b> EMBASSY OF THE UNITED STATES OF AMERICA	<b>034</b> AUSTRALIAN EMBASSY

## SECTION IV - Table 12A/12B

<b>ISR</b>	Israel		
035	ROYAL NORWEGIAN EMBASSY	036	PHILIPPINE EMBASSY
037	ARKIA ISRAEL INLAND AIRLINES	038	B.O.A.C.
039	TRANS WORLD AIRLINES INC.	040	K.L.M. ROYAL DUTCH AIRLINES
041	HERZILIYA STUDIOS LTD.	042	BUNDESMINISTERIUM FUR AUSWARTIGE ANGELEGENHEITEN BALLHAUSPLATZ 2, A-1010 WIEN
043	AMOS GROUND CONTROL CENTER	044	WEST INDIAN SPACE LTD
045	SPACECOM SATELLITE COMMUNICATION SERVICES LTD.	046	SPACENET INC.
047	ISRAEL AEROSPACE INDUSTRIES LTD	048	HERZLIYA SCIENCE CENTER - HSC
049	SPACEIL	050	NSLCOMM
051	TECHNION, ASHER SPACE RESEARCH INSTITUTE (ASRI)	052	ELBIT SYSTEMS LTD.
053	4X4HF, SCIENCE-APP LTD - ODED SAVYON	054	TEL AVIV UNIVERSITY
055	ARIEL UNIVERSITY, DEPARTMENT OF COMPUTER SCIENCE	056	IMAGESAT ISRAEL

<b>J</b>	Japan		
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- A** THE DIRECTOR OF  
INTERNATIONAL FREQUENCY POLICY OFFICE  
TELECOMMUNICATIONS BUREAU  
MINISTRY OF INTERNAL AFFAIRS AND COMMUNICATIONS  
1-2, KASUMIGASEKI 2-CHOME  
CHIYODA-KU  
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PHONE: +81 3 5253 5878
- B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- |     |  |     |                 |
|-----|--|-----|-----------------|
| 001 | TELECOMMUNICATIONS BUREAU (T.B.),<br>MINISTRY OF POSTS AND<br>TELECOMMUNICATIONS | 002 | U.S. GOVERNMENT |
| 008 | U.S. GOVERNMENT  | 009 | NIPPON IRIDIUM  |

<b>JMC</b>	Jamaica		
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- A** MANAGING DIRECTOR  
SPECTRUM MANAGEMENT AUTHORITY  
ALLIED INSURANCE BUILDING  
26 BELMONT ROAD  
KINGSTON 5  
JAMAICA  
TELEFAX: +1 876 960 8981 / 8084  
PHONE: +1 876 929 8550  
EMAIL: ewsmith@sma.gov.jm
- |     |  |     |  |
|-----|--|-----|--|
| 001 | JAMAICA INTERNATIONAL<br>TELECOMMUNICATIONS LTD.                       | 002 | INTERNATIONAL AERADIO (CARIBBEAN)<br>LIMITED |
| 003 | JAMAICA TELEPHONE COMPANY LIMITED                                      | 004 | GOVERNMENT OF JAMAICA                        |
| 005 | POST AND TELEGRAPHS DEPARTMENT   | 006 | RADIO JAMAICA LIMITED                        |
| 007 | JAMAICA BROADCASTING CORPORATION                                       | 008 | CIVIL AVIATION DEPARTMENT                    |
| 009 | METEOROLOGICAL DIVISION, MINISTRY OF<br>PUBLIC UTILITIES AND TRANSPORT | 010 | UNIVERSITY OF THE WEST INDIES, MONA          |

## SECTION IV - Table 12A/12B

<b>JON</b>	Johnston Island
------------	-----------------

- A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION: MR. RICHARD B. ENGELMAN  
2000 M STREET  
ROOM 868, STOP CODE #0800C  
WASHINGTON DC 20554 UNITED STATES OF AMERICA  
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TELEX: 025 VIA TWX 710 822 0160
- B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- 001** U.S. GOVERNMENT

<b>JOR</b>	Jordan
------------	--------

- A** CHAIRMAN OF THE BOARD/CEO  
TELECOMMUNICATION REGULATORY COMMISSION (TRC)  
P.O. BOX 941794  
AMMAN 11194  
JORDAN  
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- B** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
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TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- C** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
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NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696
- D** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT
- E** DIRECTORATE GENERAL OF THE  
SYRIAN TELECOMMUNICATIONS ESTABLISHMENT  
MAZEH AUTOSTRADA - HEADQUARTER BUILDING  
DAMASCUS  
TELEX: 0492411015 / GENTEL
- F** THE CHAIRMAN  
BOARD OF DIRECTORS  
NATIONAL TELECOMMUNICATIONS ORGANIZATION  
(ARENTO)  
P.O. BOX 2271  
CAIRO  
TELEX: 09192100 RADMSR UN
- 001** JORDAN POSTS, TELEGRAPHS AND  
TELEPHONES
- 002** METEOROLOGICAL DEPARTMENT
- 003** REUTERS LTD.
- 004** TRANS-ARABIAN PIPE LINE CO., AMMAN
- 005** DEPARTMENT OF CIVIL AVIATION, JORDAN  
MINISTRY OF COMMUNICATIONS, AMMAN
- 006** EMBASSY OF THE STATE OF KUWAIT
- 007** UNITED NATIONS
- 008** HASHEMITE BROADCASTING SERVICE,  
RAMALLAH
- 009** AQABA PORT AUTHORITY
- 010** EMBASSY OF THE REPUBLIC OF TURKEY
- 011** BRITISH EMBASSY, AMMAN
- 012** JORDAN PTD
- 013** PALEY EXPLORATION CO., LTD.
- 014** BONIFICA CO.
- 015** THE HASHEMITE KINGDOM OF JORDAN  
BROADCASTING SERVICE, AMMAN
- 016** HELD ET FRANCKE CO.

## SECTION IV - Table 12A/12B

<b>JOR</b>	Jordan
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017	JORDAN NEWS AGENCY	018	"ALIA" THE ROYAL JORDANIAN AIRLINES
019	TELECOMMUNICATION CORPORATION, P.O.BOX1689, AMMAN	020	MINISTRY OF RELIGION
021	JORDAN TELEVISION, P.O.BOX 1041, AMMAN	022	BRITISH AIRWAYS
023	THE ROYAL JORDANIAN RADIO AMATEUR SOCIETY (RJRAS)		

<b>KAZ</b>	Kazakhstan
------------	------------

**A** MINISTRY OF DIGITAL DEVELOPMENT, INNOVATIONS AND AEROSPACE INDUSTRY OF THE REPUBLIC OF KAZAKHSTAN  
NURSULTAN 010000  
MANGILIK EL STR.  
HOUSE OF MINISTRIES  
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ENTRANCE 16  
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EMAIL: moap@mdai.gov.kz  
PHONE: +7 7172 74 11 78  
PHONE: +7 7172 74 10 12  
EMAIL: t.kim@rfs.gov.kz

001 MINISTRY OF COMMUNICATIONS

<b>KEN</b>	Kenya
------------	-------

**A** THE MANAGING DIRECTOR  
KENYA POSTS AND TELECOMMUNICATIONS CORP.  
P.O. BOX 30301  
NAIROBI  
TELEFAX: +254 2 330435  
TELEX: 098722245 DIRPOSTS

**B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
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PHONE: +44 20 7981 3100

**C** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
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**D** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
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NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696

**E** NATIONAL TELECOM AGENCY  
COORDINATION DIVISION  
HOLSTEINSGADE 63  
DK - 2100 KOBENHAVN O  
TELEFAX: +45 35431434

002	KENYA POLICE	003	EAST AFRICAN RAILWAYS CORPORATION
004	EAST AFRICAN POSTS AND TELEGRAPHS DEPARTMENT	005	KENYA ARMY
006	EAST AFRICAN HARBOURS CORPORATION	007	MINISTRY OF DEFENCE
008	KENYA EXTERNAL TELECOMMUNICATIONS LTD.	009	UNITED KINGDOM GOVERNMENT
010	KENYA AIR FORCE	011	SWEDISH GOVERNMENT
012	KENYA NAVY	013	AFRICAN MEDICAL RESEARCH FOUNDATION

## SECTION IV - Table 12A/12B

<b>KEN</b>	Kenya		
014	UNITED NATIONS	015	DANISH GOVERNMENT
016	D.C.A.	017	GEOSURVEY INT. LTD., P.O.BOX 30750 , NAIROBI
018	KENATO, P.O.BOX 46991, NAIROBI	019	PUT SARAJAVO GRAL. ENGINEERING P.O.BOX 4833, NAIROBI
020	NATIONAL YOUTH SERVICE, P.O.BOX 30397, NAIROBI	021	MURRI INTER. SALVAGE, P.O. BOX 82345, MOMBASA
022	VEENEERS KENYA LTD. P.O.BOX 18439, NAIROBI	023	ROYAL NATIONAL PARKS OF KENYA
024	HOMA LIME CO. LTD. P.O.BOX 1, KORU	025	POSTS AND TELECOMMUNICATIONS ADMINISTRATION
026	DESERT LOCUST CONTROL	027	KENYA TRADE DEVELOPEMENT, P.O.BOX 44916, NAIROBI
028	SCOPE E.A. CO. LTD., P.O.BOX 90222, MOMBASA	029	PRISONS DEPT., NAIROBI
030	MINISTRY OF LIVESTOCK DEVELOPMENT, P.O., KABETE	031	DEPARTMENT OF AGRICULTURE
032	AFRICAN GEOTECHNICAL, P.O.BOX 46886, NAIROBI	033	J.K. MUGAMBI CONTRACTORS, P.O.BOX 73, KARATINA
034	WILLIAMSON DIAMONDS LTD.	035	CRESCENT CONSTRUCTION CO. LTD. P.O.BOX 49094,NAIROBI
036	RADIO TRANSMISSIONS LTD., NAIROBI	037	SHAH VERSHI DAVSHI AND CO. LTD.
038	DOWETO ENGINEERING CO. P.O.BOX 43239, NAIROBI	039	BLOCK HOTELS, P.O.BOX 40075, NAIROBI
040	WORLDE WIDE AVIATION FELLOWSHIP, P.O.BOX 817, MERU	041	KENYA AGRICULTURAL RESEARCH INST. P.O.BOX 30187, NAIROBI
042	KENYA DRILLING CO. LTD. P.O.BOX 18568, NAIROBI	043	KENYA MARBLE QUARRIES LTD. P.O.BOX 40384, NAIROBI
044	KENYA BROADCASTING CORPORATION	045	EAST AFRICAN AIRWAYS CORPORATION
053	VOICE OF KENYA	055	B.P. SHELL PETROLEUM DEVELOPMENT CO. LTD.
065	MINISTRY OF WORKS	067	E.A. METEOROLOGICAL DEPARTMENT
068	WORLDSPACE-AFRISPACE LIMITED	069	UNIVERSITY OF NAIROBI

<b>KER</b>	Kerguelen Islands
------------	-------------------

- A** MONSIEUR LE DIRECTEUR GENERAL  
 AGENCE NATIONALE DES FREQUENCES  
 78, AVENUE DU GENERAL DE GAULLE - BP400  
 94704 MAISONS ALFORT CEDEX  
 FRANCE  
 EMAIL: earthcoord@anfr.fr (Stations terriennes)  
 EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes)  
 EMAIL: tercoord@anfr.fr (Services de Terre)  
 TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
 TELEFAX: +33 1 45 18 73 90 (Stations terriennes)
- B** M. L'ADMINISTRATEUR SUPERIEUR DES  
 TERRES AUSTRALES ET ANTARCTIQUES  
 FRANCAISES  
 34 RUE DES RENAUTES  
 F - 75017 PARIS  
 TELEX: TAAF 640980 F
- |     |                                    |     |                          |
|-----|------------------------------------|-----|--------------------------|
| 001 | ESTABLISSEMENTS DES ILES KERGUELEN | 002 | LABORATOIRE SCIENTIFIQUE |
| 003 | METEOROLOGIE                       | 004 | DEFENSE NATIONALE        |
| 005 | CENTRE NATIONAL D'ETUDES SPATIALES |     |                          |

## SECTION IV - Table 12A/12B

<b>KGZ</b>	Kyrgyz Republic
------------	-----------------

- A** NATIONAL INFORMATION RESOURCES, TECHNOLOGIES AND COMMUNICATION AGENCY OF THE KYRGYZ REPUBLIC  
7B, BAYTIK BAATYR STR.  
720005 BISHKEK  
KYRGYZ REPUBLIC  
TELEFAX: +996 312 544 105  
EMAIL: nta@infotel.kg  
PHONE: +996 312 544 103
- B** MINISTRY OF TRANSPORT AND COMMUNICATIONS OF KYRGYZ REPUBLIC
- |   |   |
|---|---|
| <p>001 KYRGYZ TELECOM</p> <p>003 KUMTOR OPERATING COMPANY</p> <p>005 ERICSSON REPRESENTATIVE OFFICE IN KYRGYZ REPUBLIC</p> <p>007 "AZIYAINFO LTD."</p> <p>009 "AKNET LTD."</p> <p>011 "KATEL LTD."</p> <p>013 "IVTAN LTD."</p> <p>015 INTERNATIONAL BUSINESS BANK</p> <p>017 CHINESE REPUBLIC EMBASSY</p> | <p>002 REPUBLICAN PRODUCTION UNION OF RADIO-RELAY MAIN LINES, TELEVISION AND BROADCASTING</p> <p>004 INTERGOVERNMENTAL TV &amp; RADIO COMPANY "MIR"</p> <p>006 "TANDOO LTD."</p> <p>008 NATIONAL CIVIL AVIATION COMPANY "KYRGYSTAN ABA JOLDORU"</p> <p>010 COMPUTERS AND TELECOMMUNICATIONS COMPANY "TRANSFER LTD."</p> <p>012 "BITEL LTD."</p> <p>014 "ALFA GROUP"</p> <p>016 EMBASSY OF UNITED STATES OF AMERICA</p> <p>018 SAMSUNG</p> |
|---|---|

<b>KIR</b>	Kiribati
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- A** MINISTRY OF INFORMATION, COMMUNICATION AND TRANSPORT  
FREQUENCY AND LICENSING REGULATOR  
P.O. BOX 487  
BETIO, TARAWA  
KIRIBATI (REPUBLIC OF)  
TELEFAX: +686 26193  
TELEX: 0761 77022  
EMAIL: mict@tskl.net.ki
- |  |   |
|--|---|
| <p>001 DEPARTMENT OF FISHERIES, TARAWA</p> <p>003 AIR TUNGARU, TARAWA</p> <p>005 NATIONAL SPACE DEVELOPMENT AGENCY (NASDA) OF JAPAN</p> <p>007 CATHOLIC MISSION, DIOCESE OF TARAWA</p> <p>009 TELECOM KIRIBATI</p> | <p>002 KIRIBATI GOVERNMENT</p> <p>004 BROADCASTING AND PUBLICATIONS AUTHORITY, BAIRIKI</p> <p>006 DIVISION OF NATURAL SCIENCE, UNIVERSITY OF HAWAII</p> <p>008 DEPARTMENT OF HEALTH, TARAWA</p> |
|--|---|

<b>KNA</b>	Saint Kitts and Nevis
------------	-----------------------

- A** INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
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EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

## SECTION IV - Table 12A/12B

<b>KNA</b>	Saint Kitts and Nevis		
<b>B</b>	MINISTER OF STATE MINISTRY OF FINANCE, SUSTAINABLE DEVELOPMENT, INFORMATION AND TECHNOLOGY GOVERNMENT HEADQUARTERS CHURCH STREET BASSETERRE ST. KITTS AND NEVIS TELEFAX: +869 465 0198 PHONE: +869 465 2812 EMAIL: minfsdit@yahoo.com		
<b>001</b>	CABLE AND WIRELESS (W.I.) LTD., LONDON	<b>002</b>	INTERNATIONAL AERADIO (CARIB) LTD.
<b>003</b>	AGRINET	<b>004</b>	HIS EXCELLENCY THE GOVERNOR, ST.KITTS- NEVIS
<b>005</b>	HERBERT MERITT		
<b>KOR</b>	Korea (Republic of)		

<b>A</b>	MINISTRY OF SCIENCE, ICT AND FUTURE PLANNING NATIONAL RADIO RESEARCH AGENCY 273, BITGARAM-DONG, NAJU-SI 520-833 JEOLLANAM-DO REPUBLIC OF KOREA TELEFAX: +82 61 338 4489 TELEX: 0801 OFIRAD K24972 PHONE: +82 61 338 4480 EMAIL: satellite@msip.go.kr		
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
<b>D</b>	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
<b>001</b>	MINISTRY OF COMMUNICATIONS	<b>002</b>	UNITED NATIONS
<b>003</b>	MINICOM, SEOUL	<b>004</b>	SWEDISH GOVERNMENT
<b>005</b>	KOREA TELECOMMUNICATION AUTHORITY (KTA)	<b>006</b>	INSTITUTE OF SPACE SCIENCE AND ASTRONOMY
<b>007</b>	DATA COMMUNICATION CORPORATION	<b>008</b>	KOREA METEOROLOGICAL ADMINISTRATION
<b>009</b>	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY - KAIST	<b>010</b>	KOREA AIRPORTS AUTHORITY
<b>011</b>	U.S. GOVERNMENT	<b>012</b>	KOREA MARITIME AND PORT AUTHORITY
<b>013</b>	SAMSUNG HEAVY INDUSTRY CO. LTD	<b>014</b>	ASIANA AIRLINES
<b>015</b>	NATIONAL FEDERATION OF FISHERIES COOPERATIVES	<b>016</b>	KOREA AEROSPACE RESEARCH INSTITUTE
<b>017</b>	SK TELECOM CO., LTD.	<b>019</b>	SHINSEGI TELECOMM, INC.
<b>020</b>	KOREA TELECOM POWERTEL TRS	<b>021</b>	INCHON INTERNATIONAL AIRPORT CORPORATION
<b>022</b>	SPACE BROADBAND CORPORATION	<b>023</b>	KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE (KRISS)
<b>024</b>	ASIA PACIFIC SYSTEMS INC.	<b>025</b>	KYUNHEE UNIVERSITY, SCHOOL OF SPACE RESEARCH
<b>026</b>	FUTURE ELECTRONICS TECHNOLOGY MIXER	<b>027</b>	STEP CUBE LAB. DEVELOPMENT TEAM
<b>028</b>	CHUNGNAM NATIONAL UNIVERSITY, DEPARTMENT OF AEROSPACE ENGINEERING, UNMANNED SYSTEMS GROUP	<b>029</b>	KOREA AEROSPACE UNIVERSITY
<b>030</b>	ASTRODYNAMICS AND CONTROL LAB. YONSEI UNIV.	<b>031</b>	SEOUL NATIONAL UNIVERSITY
<b>032</b>	DEPARTMENT OF AEROSPACE ENGINEERING, REPUBLIC OF KOREA AIR FORCE ACADEMY	<b>033</b>	KOREA AEROSPACE INDUSTRIES, LTD.
<b>034</b>	SOLAR AND SPACE WEATHER GROUP, KOREA ASTRONOMY AND SPACE SCIENCE INSTITUTE	<b>035</b>	CHOSUN UNIVERSITY



## SECTION IV - Table 12A/12B

<b>KRE</b>	Democratic People's Republic of Korea
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**A** MINISTRY OF POSTS AND TELECOMMUNICATIONS  
DEPARTMENT OF INTERNATIONAL RELATIONS  
CENTRAL DISTRICT  
PYONGYANG  
TELEFAX: +850 2 3814418  
TELEX: 0899 38009 MINPT KP

**B** NATIONAL POST AND TELECOM AGENCY  
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S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

**001** SWEDISH GOVERNMENT

<b>KWT</b>	Kuwait
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**A** EXTERNAL RELATIONS DEPARTMENT  
MINISTRY OF COMMUNICATIONS  
P.O. BOX 318  
11111 SAFAT  
KUWAIT  
TELEFAX: 965-4847058  
TELEX: 0496 US PTT 22197 KT

**C** THE POLITICAL RESIDENT,  
BAHRAIN

**001** POSTS, TELEGRAPHS AND TELEPHONES,  
KUWAIT

**002** GOVERNMENT OF KUWAIT

**003** KUWAIT PORT AUTHORITIES

**004** KUWAIT OIL COMPANY LTD.

**005** CABLE AND WIRELESS LTD., LONDON

**006** DESERT LOCUST CONTROL

**009** DEPARTMENT OF CIVIL AVIATION

**010** ARABIAN OIL COMPANY LTD. (JAPAN)

**011** KUWAIT BROADCASTING SERVICES MINISTRY  
OF INFORMATION, P.O. BOX 397, KUWAIT

**012** MINISTRY OF COMMUNICATIONS, P.O. BOX  
318, SAFAT

<b>LAO</b>	Lao P.D.R.
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**A** MINISTRY OF POSTS AND TELECOMMUNICATIONS  
DEPARTMENT OF TELECOMMUNICATIONS  
LANE-XANG AVENUE  
VIENTIANE 01000  
LAO P.D.R.  
TELEFAX: +856 21 219857  
TELEX: 0804 4491 / 4492

**B** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696

**C** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

**001** ENTREPRISE D'ETAT DES POSTES ET  
TELECOMMUNICATIONS

**002** MINISTERE DE L'INTERIEUR

**003** FORCES TERRESTRES

**004** AVIATION CIVILE

**005** AFFAIRES ETRANGERES

**006** MARINE NATIONALE

**007** UNITED NATIONS

**008** MINISTERE DE L'INFORMATION ET DE LA  
CULTURE

**009** SOCIETE INTERNATIONALE DE  
TELECOMMUNICATIONS AERONAUTIQUES  
(S.I.T.A.)

**010** SWEDISH GOVERNMENT

## SECTION IV - Table 12A/12B

<b>LAO</b>	Lao P.D.R.		
011	INSTITUT METEOROLOGIQUE	012	SOCIETE DE DEVELOPPEMENT DES REGIONS MONTAGNEUSES
013	ELECTRICITE DU LAOS	014	PROJETS DE DEVELOPPEMENT RURAL
015	COMPAGNIES DE RECHERCHE PETROLIERE	016	LAOS ASIA-PACIFIC SATELLITE TELECOMMUNICATIONS CO. LTD
017	LAO LINHAI INTERNATIONAL SATELLITE COMMUNICATIONS CO., LTD		

<b>LBN</b>	Lebanon
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- A** MINISTERE DES POSTES ET TELECOMMUNICATIONS  
RUE DES BANQUES - PLACE RYAD EL SOLH  
BEYROUTH  
TELEFAX: +961 1 423005  
TELEX: 0494 MINIPT 23700 LE  
PHONE: +961 1 979 979
- C** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696
- D** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S
- E** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA  
TURQUIE  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- F** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT
- G** DIRECTORATE GENERAL OF THE  
SYRIAN TELECOMMUNICATIONS ESTABLISHMENT  
MAZEH AUTOSTRAD - HEADQUARTER BUILDING  
DAMASCUS  
SYRIAN ARAB REPUBLIC  
TELEFAX: +963 11 6120000  
TELEX: 0492411015 / GENTEL
- 001** OFFICE DE GESTION ET D'EXPLOITATION (OGERO)
- 002** AVIATION CIVILE
- 004** IRAQ PETROLEUM COMPANY LTD.
- 005** TRANS-ARABIAN PIPE LINE CO.
- 006** UNITED NATIONS
- 007** SURETE GENERALE
- 008** RADIODIFFUSION
- 009** RADIODIFFUSION (CLT)
- 014** EMBASSY OF THE REPUBLIC OF TURKEY
- 015** GOUVERNEMENT DE LA SUEDE
- 016** EMBASSY OF THE STATE OF KUWAIT
- 017** P.T.T. BIR HASSAN
- 018** CROIX ROUGE LIBANAISE, BEYROUTH

<b>LBR</b>	Liberia
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- A** THE COORDINATOR  
MINISTRY OF POSTS AND TELECOMMUNICATIONS  
MONROVIA  
TELEX: 0997 44551 MPT LI
- B** DEPARTMENT OF POSTS AND COMMUNICATIONS  
MONROVIA

## SECTION IV - Table 12A/12B

<b>LBR</b>	Liberia
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**C** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

<b>001</b>	UNITED STATES LIBERIA RADIO CORPORATION	<b>002</b>	LIBERIAN GOVERNMENT, DEPARTMENT OF POSTS, TELEGRAPHS AND TELEPHONES
<b>003</b>	WEST AFRICAN BROADCASTING ASSOCIATION	<b>004</b>	MONROVIA PORT MANAGEMENT CO. LTD.
<b>005</b>	SWEDISH GOVERNMENT	<b>006</b>	LIBERIAN BROADCASTING COMPANY, MONROVIA
<b>007</b>	FRANCE CABLES ET RADIO, MONROVIA	<b>008</b>	LAMCO J.V. OPERATING CO. ROBERTS FIELD
<b>009</b>	COMMISSIONER OF COMMUNICATIONS, MONROVIA, LIBERIA	<b>010</b>	USIA
<b>011</b>	LIBERIA TELECOM CORP.		

<b>LBY</b>	Libyan Arab Jamahiriya
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**A** MINISTRY OF PEOPLE COMMITTEE FOR GENERAL POST AND TELECOMMUNICATION CO.  
TELECOMMUNICATIONS  
GENERAL POST AND TELECOMMUNICATION CO.  
P.O. BOX 886  
TRIPOLI  
LIBYA  
TELEFAX: 218 21 3604102  
TELEX: 090120039 PTD

<b>001</b>	P. AND T. CORPORATION	<b>002</b>	NATIONAL OIL CORPORATION
<b>003</b>	CIVIL AVIATION	<b>004</b>	LIBYAN ARAB AIRLINES
<b>007</b>	WAHA OIL CORPORATION	<b>008</b>	SIRT (LIBYA) OIL CORPORATION
<b>009</b>	ARAB GULF OIL CORPORATION	<b>010</b>	DIPLOMATIC CORPS IN LIBYA
<b>011</b>	OIL COMPANIES GENERAL	<b>012</b>	LIBSAT PROJECT

<b>LCA</b>	Saint Lucia
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**A** MINISTRY OF COMMUNICATIONS, WORKS, TRANSPORT AND PUBLIC UTILITIES  
CASTRIES, ST. LUCIA  
TELEFAX: +1 758 453 2769

<b>001</b>	CABLE AND WIRELESS (W.I.) LTD. LONDON	<b>002</b>	CARIBBEAN BROADCASTING CORPORATION
<b>003</b>	TELECOMMUNICATIONS DEPARTMENT	<b>004</b>	INTERNATIONAL AERADIO (CARIB) LIMITED
<b>005</b>	PAN AMERICAN WORLD AIRWAYS	<b>006</b>	WINDWARD ISLANDS BROADCASTING SERVICE

<b>LIE</b>	Liechtenstein
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**A** OFFICE FOR COMMUNICATIONS  
AEULESTRASSE 51  
P.O. BOX 684  
FL - 9490 VADUZ  
EMAIL: INFO.AK@LLV.LI  
TELEFAX: +423 236 6489

<b>002</b>	OFFICE FEDERAL DE LA COMMUNICATION	<b>003</b>	TRION SPACE AG
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## SECTION IV - Table 12A/12B

<b>LSO</b>	Lesotho
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**A** LESOTHO TELECOMMUNICATIONS AUTHORITY  
 MOPOSO HOUSE, 6TH FLOOR  
 KINGSWAY ROAD  
 P.O. BOX 15896  
 MASERU 100  
 LESOTHO  
 EMAIL: LTA@LTA.ORG.LS  
 TELEFAX: +266 22310984  
 PHONE: +266 22 325595

<b>001</b>	PRIVATE	<b>002</b>	LESOTHO POLICE
<b>003</b>	LESOTHO ADMINISTRATION	<b>004</b>	LESOTHO TELECOMMUNICATION CORPORATION
<b>005</b>	BROADCASTING SERVICE	<b>006</b>	AGENCY (SIDA) IN MASERU
<b>007</b>	DEPARTMENT OF CIVIL AVIATION	<b>008</b>	BBC (BRITISH BROADCASTING CORPORATION)

<b>LTU</b>	Lithuania
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**A** COMMUNICATIONS REGULATORY AUTHORITY  
 ALGIRDO 27  
 2006 - VILNIUS  
 REPUBLIC OF LITHUANIA  
 TELEFAX: +370 52 161 564  
 EMAIL: rrt@rrt.lt  
 PHONE: +370 52 161 177

<b>001</b>	MINISTRY OF TELECOMMUNICATION AND INFORMATION	<b>002</b>	LITHUANIAN METEOROLOGICAL CENTRE
<b>003</b>	LINTEL	<b>004</b>	COMLIET
<b>005</b>	U.S. EMBASSY	<b>006</b>	EMBASSY OF RUSSIAN FEDERATION
<b>007</b>	VSI LIEPISKIU TECHNOLOGIJU PARKAS	<b>008</b>	VSI INOVATYVUS INZINERINIAI PROJEKTAI
<b>009</b>	COMMUNICATIONS REGULATORY AUTHORITY OF THE REPUBLIC OF LITHUANIA	<b>010</b>	VSI LIETUVOS NACIONALINIS RADIJAS IR TELEVIZIJA
<b>011</b>	UAB NANOAVIONIKA	<b>012</b>	AB "SPACE UNION"

<b>LUX</b>	Luxembourg
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**A** INSTITUT LUXEMBOURGEOIS DE REGULATION  
 17 rue du Fossé  
 L-2922 LUXEMBOURG  
 EMAIL: claude.rischette@ilr.lu  
 PHONE: +352 28 228 302  
 TELEFAX: +352 28 228 229  
 EMAIL: sat-coord@ilr.lu (satellite issues)  
 TELEFAX: +352 278 588 12

**B** FEDERAL OFFICE FOR POSTS AND TELECOMMUNICATIONS  
 CENTRALIZING OFFICE OF THE RADIO MONITORING SERVICE  
 P.O. BOX 80 01  
 D - 55003 MAINZ  
 TELEX: 04187404 MONI D

<b>001</b>	LOFTLEIDIR, LUXEMBOURG	<b>003</b>	MINISTERE DU TRANSPORT
<b>004</b>	DEUTSCHE BUNDESPOST	<b>005</b>	SUEDWESTFUNK, BADEN-BADEN
<b>006</b>	SAARLAENDISCHER RUNDFUNK SAARBRUECKEN	<b>007</b>	CIE LUXEMBOURGEOISE DE TELEDIFFUSION
<b>009</b>	LUXAIR, LUXEMBOURG	<b>010</b>	SOCIETE EUROPEENNE DES SATELLITES (SES)
<b>011</b>	INSTITUT LUXEMBOURGEOIS DE REGULATION (ILR)	<b>012</b>	GLOBAL RADIO S.A
<b>013</b>	LUXSPACE SARL	<b>014</b>	LUXEMBOURG SPACE TELECOMMUNICATION SA
<b>015</b>	SPIRE GLOBAL LUXEMBOURG S.A.R.L.	<b>016</b>	KLEOS SPACE S.A
<b>017</b>	OQ TECHNOLOGY	<b>018</b>	OHV ITALIA SPA
<b>019</b>	ORBITARE LUXEMBOURG SA		

## SECTION IV - Table 12A/12B

<b>LVA</b>	Latvia
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- A** MINISTRY OF TRANSPORT  
DEPARTMENT OF COMMUNICATIONS  
3, GOGOLA STREET  
RIGA LV-1190  
REPUBLIC OF LATVIA  
TELEFAX: +371 6782 0636  
TELEX: 0538161176 PTB LV  
EMAIL: sakarudepartaments@sam.gov.lv  
PHONE: +371 6702 8107
- 001** MINISTRY OF POSTS AND  
TELECOMMUNICATIONS

<b>MAC</b>	Macao (Special Administrative Region of China)
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- A** DIRECCAO DOS SERVICOS DE CORREIOS  
E TELECOMUNICACOES  
LARGO DO SENADO  
MACAU  
TELEX: 88230 CTTMA OM
- B** INSTITUTO DAS COMUNICACOES DE PORTUGAL  
AV. JOSE MALHOA NO 12  
1070 LISBOA  
TELEFAX: +351 1 7211001  
TELEX: 040466325 ICP P
- |   |   |
|---|---|
| <b>001</b> AUTORIDADE DA AVIACAO CIVIL                        | <b>002</b> CAPITANIA DOS PORTOS                             |
| <b>003</b> COMPANHIA DE TELECOMUNICACOES DE<br>MACAU, S.A.R.L | <b>004</b> TELEDIFUSAO DE MACAU, S.A.R.L.                   |
| <b>005</b> EMISSORA VILA VERDE                                | <b>006</b> CONSORCIO DO AEROPORTO INTERNACIONAL<br>DE MACAU |
| <b>007</b> KONG SENG PAGING, LDA.                             | <b>008</b> TELECOM (MACAU) MENSAGENS POR RADIO,<br>LDA,     |
| <b>009</b> TELECONTACTO UNION, LDA.                           |   |

<b>MAF</b>	Code to be used to indicate geographical area on or after 15.04.2010 designating Saint Martin (French Department of).
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- A** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AVENUE DU GENERAL DE GAULLE - BP400  
94704 MAISONS ALFORT CEDEX  
FRANCE  
EMAIL: earthcoord@anfr.fr (Stations terriennes)  
EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)  
EMAIL: tercoord@anfr.fr (Services de Terre)  
TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
TELEFAX: +33 1 45 18 73 90 (Stations terriennes)
- |  |   |
|--|---|
| <b>001</b> FORCES TERRESTRES                   | <b>002</b> ADMINISTRATION DES POSTES ET<br>TELECOMMUNICATIONS |
| <b>003</b> CONSEIL SUPERIEUR DE L' AUDIOVISUEL | <b>004</b> AVIATION CIVILE                                    |
| <b>005</b> SURETE NATIONALE                    | <b>006</b> METEOROLOGIE NATIONALE                             |
| <b>007</b> STATIONS SOUS CONTROLE P.T.T.       | <b>008</b> MINISTERE DE L' INTERIEUR                          |
| <b>009</b> DEFENSE NATIONALE                   | <b>010</b> AERONAUTIQUE MILITAIRE FRANCAISE                   |
| <b>011</b> GENDARMERIE NATIONALE               | <b>012</b> MARINE NATIONALE                                   |
| <b>019</b> PHARES ET BALISES                   | <b>034</b> AUTORITE DE REGULATION DES<br>TELECOMMUNICATIONS   |

## SECTION IV - Table 12A/12B

<b>MAU</b>	Mauritius
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- A** INFORMATION AND COMMUNICATION TECHNOLOGIES  
AUTHORITY (ICTA)  
LEVEL 12  
THE CELICOURT  
6, CELICOURT ANTELME STREET  
PORT LOUIS  
PHONE: +230 211 5333 / 211 5334  
EMAIL: info@icta.mu  
TELEFAX: +230 211 9444  
TELEX: 09664249 EXTERN IW
- B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- C** MINISTRY OF COMMUNICATIONS  
(WIRELESS PLANNING AND COORDINATION WING)  
SARDAR PATEL BHAVAN  
PARLIAMENT STREET  
NEW DELHI 110 001  
TELEX: 0813161160 COMN IN
- |  |  |
|--|--|
| <b>001</b> MAURITIUS BROADCASTING CORPORATION                    | <b>002</b> OVERSEAS TELECOMMUNICATIONS SERVICES CO. LTD. |
| <b>003</b> UNITED KINGDOM GOVERNMENT                             | <b>004</b> POLICE  |
| <b>005</b> RAPHAEL FISHING CO. LTD.                              | <b>006</b> MESSRS. CHAGOS AGALEGA LTD.                   |
| <b>007</b> TELECOMMUNICATIONS DEPT. MAURITIUS                    | <b>008</b> HARBOUR MASTER, FORT WILLIAM, MAURITIUS       |
| <b>009</b> CIVIL AVIATION DEPARTMENT, MAURITIUS                  | <b>010</b> HARBOUR DEPARTMENT, PORT LOUIS                |
| <b>011</b> AGALEGA CORPORATION, ROGERS AND CO. LTD.              | <b>012</b> METEOROLOGICAL SERVICES                       |
| <b>013</b> MAURITIUS MARINE AUTHORITY                            | <b>014</b> MINISTRY FOR RODRIGUES                        |
| <b>015</b> EDF REGIONAL AERONAUTICAL TELECOMMUNICATIONS PROJECTS | <b>016</b> MAURITIUS TELECOM                             |
| <b>017</b> REDSAT SATELLITE HOLDINGS LTD.                        | <b>018</b> MAURITIUS RESEARCH AND INNOVATION COUNCIL     |
| <b>019</b> MULTI CARRIER MAURITIUS LTD (MCML)                    |  |

<b>MCO</b>	Monaco
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- A** DIRECTION DES TELECOMMUNICATIONS  
23, AV. PRINCE HEREDITAIRE ALBERT  
MC 98025 MONACO  
MONACO (PRINCIPAUTE DE)  
TELEFAX: +377 97 985657  
TELEX: 042 469961 DIRTEL MC
- |  |   |
|--|---|
| <b>001</b> SOCIETE RADIO MONTE-CARLO                   | <b>002</b> DEPARTEMENT DE L'INTERIEUR                 |
| <b>003</b> MONACO CONTROLE AERADIO                     | <b>004</b> MONACO HELISURFACE                         |
| <b>005</b> SPACE SYSTEMS INTERNATIONAL - MONACO S.A.M. | <b>006</b> DIRECTION DES COMMUNICATIONS ELECTRONIQUES |

<b>MDA</b>	Moldova
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- A** MINISTRY OF INFORMATION DEVELOPMENT  
STR. PUSKIN  
42 CHISINAU 2012  
REPUBLIC OF MOLDOVA  
TELEFAX: +373 2 546564  
TELEX: 682 163227 MCI MD

## SECTION IV - Table 12A/12B

<b>MDA</b>	Moldova
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001 MINISTRY OF INFORMATICS, INFORMATION  
AND COMMUNICATIONS

<b>MDG</b>	Madagascar
------------	------------

**A** AUTORITE DE REGULATION DES TECHNOLOGIES DE COMMUNICATION (ARTEC)  
RUE RAVONINAHITRINIARIVO - ALAROBIA  
101 - ANTANANARIVO  
MADAGASCAR  
TELEFAX: +261 2023 215 16  
TELEX: 098622458 DIRTEL MG  
PHONE: +261 2022 421 19  
EMAIL: artec@artec.mg

001	METEOROLOGIE	002	ASECNA
003	TELECOM MALAGASY	004	TELMA MOBILE
005	ORANGE MADAGASCAR	006	AIRTEL MADAGASCAR
007	GULFSAT MADAGASCAR	008	TELMA GLOBAL NET
009	TELEVISION NATIONAL MALAGASY	010	BANQUE CENTRALE DE MADAGASCAR
011	BLUELINE TV	012	STARTIMES MADAGASCAR
013	MADA DEVELOPPEMENT	014	CANAL SAT MADAGASCAR
015	PARABOLE MADAGASCAR	016	ARMEE MALAGASY
017	GENDARMERIE NATIONALE	018	MINISTERE DE L'INTERIEUR

<b>MDR</b>	Madeira
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**A** AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM)  
AV. JOSE MALHOA 12  
1099-017 LISBOA  
PORTUGAL  
EMAIL: edge@anacom.pt  
EMAIL: itu.affairs@anacom.pt

**B** ESTADO-MAIOR-GENERAL DAS FORCAS ARMADAS  
(DIRECAO DE COMUNICACOES E SISTEMAS DE INFORMACAO)  
AVENIDA ILHA DA MADEIRA, 1  
1400-204 LISBOA

001	AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM)	002	ESTADO-MAIOR-GENERAL DAS FORCAS ARMADAS
003	AUTORIDADE NACIONAL DE AVIACAO CIVIL	004	DIRECAO GERAL DE RECURSOS NATURAIS, SEGURANCA E SERVICOS MARITIMOS
006	RADIO E TELEVISAO DE PORTUGAL, S.A.	007	MEO - SERVICOS DE COMUNICACOES E MULTIMEDIA, S.A.

<b>MDW</b>	Midway Islands
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**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

<b>MEX</b>	Mexico
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**A** COMISION FEDERAL DE TELECOMUNICACIONES  
COORDINACION GENERAL DE ASUNTOS INTERNACIONALES  
ING. FERNANDO CARILLO VALDERRABANO  
BOSQUE DE RADIATAS NO 44, 4 PISO  
COLONIA BOSQUES DE LAS LOMAS  
05120 MEXICO D.F.  
TELEFAX: +5255 46 24 80 32  
PHONE: +5255 50 15 4005

## SECTION IV - Table 12A/12B

MEX	Mexico		
019	AERONAUTICAL RADIO DE MEXICO, S.A.	026	COMISION FEDERAL DE ELECTRICIDAD
032	TACANA, S.R.L.	055	SECRETARIA DE RECURSOS HIDRAULICOS
059	SECRETARIA DE LA DEFENSA NACIONAL	069	BANCO NACIONAL DE MEXICO
103	CIA. IMPULSORA DE EMPRESAS ELECTRICAS	117	PETROLEOS MEXICANOS
124	DIRECCION GENERAL DE TELECOMUNICACIONES	125	BANCO INTERNACIONAL
126	VIAS GRALES. DE COM.	127	SERVS. RADIOELECTRICOS
128	COMUNS. INALAMBRICAS.	129	FRECS. DE RADIOCOM.
130	FOMENTO DE RADIO, S.A.	132	PRESIDENCIA DE LA REPUBLICA
133	SECRETARIA DE MARINA	134	CIA. FUNDIDORA DE FIERRO Y ACERO DE MONTERREY
135	LUBRICANTES Y COMBUSTIBLES	136	NEGOCIACION MADERERA DEL SURESTE
137	CONSTRS. DE ANAHUAC	138	SRIA.AGRIC. Y GAN.
140	HACIENDA CANALEJA	141	SOC. MEXICANA DE CREDITO INDUSTRIAL
142	SUPER CARRETERAS	143	ENRIQUE DOMENE
144	VALERIANO B. DIEGO	145	CASA GAVILAN S.A.
146	MADERERAS MEXICANA	147	CIA. GANADERA LAS MARGARITAS
149	BANCO DE LONDRES Y MEXICO	150	CLUB DEPORTIVO DE VUELOS
152	UNION NAL. AGRICOLA DE CAFETEROS	155	BANCO DE COMERCIO (DE CHIAPAS)
156	CIA. MINERA EUREKA	168	PRODUCERS MC'FADEN
169	MADERERAS CAMPECHE Y QUINTANA ROO.	170	EULALIO GUTIERREZ TREVINO
171	EXPLOTADORA MINERA	172	BOSQUES DE CHIHUAHUA
173	GONZALES Y CIA.	174	CIA. GANADERA STA. GERTRUDIS
175	GOBIERNO DEL EDO. DE MICHOACAN	177	TRANSPORTES MARTINEZ
178	GOBIERNO DEL EDO. DE HIDALGO	179	PRODUCTOS DE CHIHUAHUA
182	JOSE JIRASH SHAADI	183	NUEVA CIA. ELECTRICA CHAPALA
184	ANCIRA Y DIAZ	187	INDUSTRIA FORESTAL CACHO DE ORO
188	DIRECCION GENERAL DE CONSTRUCCION DE F.F.C.C.	191	UNION DE MADEREROS DE CHIHUAHUA
192	BONIFACIO SALINAS LEAL	193	ROBERTO ANCIRA
194	C.E.I.M.S.A.	195	ENRIQUE SADA GARZA
196	ANTONIO ANAYA	197	PRODUCTORA DE MADERA
198	RAMON CANTU VILLARREAL	199	BANCO NACIONAL DE CREDITO - EJIDAL
200	PABLO ZORRILLA GARCES	201	BANCO DEL SUR
202	GOB. DEL EDO. DE CHIHUAHUA	204	GOB. DEL EDO. DE SONORA
206	RAMON MOYA R.	207	RAUL CABALLERO ABURTO
208	ANTONIA RAMIRES VDA. DE WOOLRICH	209	LINEA ESTRELLA DE ORO
210	GOB. DEL EDO. DE SAN-LUIS POTOSI	211	CIA. NAL. DE CAMINOS
212	UNION GANADERA REGIONAL DE CHIHUAHUA	213	SATELITES MEXICANOS, S.A. DE C.V.
315	ALVARO DOMINGUEZ PEON	360	BENEFICIADORA DE CAFE CALIFORNIA
361	QUETZSAT S. DE R.L. DE C.V.	362	INSTITUTO NACIONAL DE ASTROFISICA, OPTICA Y ELECTRONICA
363	INICIATIVA ESPACIAL MEXICANA MXSPACE, ASOCIACIÓN CIVIL	364	AGENCIA ESPACIAL MEXICANA
365	UNIVERSIDAD POPULAR AUTONOMA DE PUEBLA, A.C.	366	INSTITUTO FEDERAL DE TELECOMUNICACIONES
367	WORLDVU MEXICO S. DE R.L. FROM C.V.		

MHL

Marshall Islands

A GENERAL MANAGER  
NATIONAL TELECOMMUNICATIONS AUTHORITY  
PO BOX 1169  
MAJURO 96960  
MARSHALL ISLANDS  
TELEFAX: +692 625 3952

B DEPARTMENT OF STATE  
WASHINGTON, D.C. 20520

008 US GOVERNMENT - GEN



## SECTION IV - Table 12A/12B

<b>MKD</b>	The former Yugoslav Rep. of Macedonia
------------	---------------------------------------

**A** AGENCY FOR ELECTRONIC COMMUNICATIONS  
13, DIMITRIE CUPOVSKI STREET  
1000 SKOPJE  
REPUBLIC OF NORTH MACEDONIA  
EMAIL: contact@aec.mk  
TELEFAX: +389 2 32 24 611  
TELEX: 059751119 VLD RM MB  
PHONE: +389 2 32 89 200

<b>001</b>	MAKEDONSKA RADIOTELEVIZIJA	<b>007</b>	RADIOTELEVIZIJA SKOPJE
<b>015</b>	COMMUNAUTE DES PTT	<b>023</b>	UPRAVA CIVILNOG VAZDUHOPLOVSTVA
<b>024</b>	SECRETARIAT DU TRANSPORT ET DES COMMUNICATIONS	<b>026</b>	DIRECTION HYDROMETEOROLOGIQUE
<b>030</b>	CHEMIN DE FER		

<b>MLA</b>	Malaysia
------------	----------

**A** CHAIRMAN  
MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION  
63000 CYBERJAYA  
SELANGOR DARUL EHSAN  
MALAYSIA  
EMAIL: webmaster@cmc.gov.my  
TELEFAX: +603 8688 1000  
TELEX: 084 GENTEL MA 28020  
PHONE: +6038688 8000

**C** DIRECTOR OF TELECOMMUNICATIONS,  
TELECOMMUNICATIONS DEPARTMENT,  
KOTA KINABALU  
SABAH

<b>001</b>	BRUNEI SHELL	<b>002</b>	TELECOMMUNICATIONS DEPARTMENT
<b>003</b>	MALAYSIAN ARMED FORCES	<b>004</b>	POLICE
<b>005</b>	BROADCASTING DEPARTMENT	<b>006</b>	OVERSEAS MINERAL RESOURCES DEVELOPMENT CO.
<b>007</b>	BRITISH BROADCASTING CORPORATION FAR EASTERN STATION, TEBRAU, JOHORE BAHRU	<b>008</b>	TELEKOM MALAYSIA BERHAD
<b>009</b>	CIVIL AVIATION DEPARTMENT	<b>010</b>	PRIVATE LICENCE OPERATOR
<b>011</b>	SABAH STATE GOVT.	<b>012</b>	TELECOMS., SABAH
<b>013</b>	RADIO TELEVISYEN MALAYSIA (RTM)	<b>014</b>	BINARIANG PTY. LTD.
<b>015</b>	MEASAT SATELLITE SYSTEMS SDN BHD	<b>016</b>	ASTRONAUTIC TECHNOLOGY (M) SDN BHD
<b>017</b>	PELABUHAN TANJONG PELEPAS SDN BHD	<b>018</b>	NETSEVEN TV SDN BHD
<b>019</b>	CELCOM TRANSMISSION (M) SDN BHD	<b>020</b>	DIGI TELECOMMUNICATIONS SDN BHD
<b>021</b>	JUTA VENDCO SDN BHD	<b>022</b>	SISTEM TELEVISYEN MALAYSIA BHD
<b>023</b>	MAESTRA BROADCAST SDN BHD	<b>024</b>	MEASAT RADIO COMMUNICATIONS SDN BHD
<b>025</b>	RADIO REDIFFUSION SDN BHD	<b>026</b>	CARIGALI TRITON OPERATING CO. SDN BHD
<b>027</b>	YPJ PLANTATION MANAGEMENT SDN BHD	<b>028</b>	PETRONAS CARIGALI SDN BHD
<b>029</b>	MAXIS BROADBAND SDN BHD	<b>030</b>	TIME TELECOMMUNICATIONS SDN BHD
<b>031</b>	TM CELLULAR SDN BHD	<b>032</b>	ANGKASA
<b>033</b>	KRISTAL HARTA SDN BHD	<b>034</b>	INSTITUT KEFAHAMAN ISLAM MALAYSIA
<b>035</b>	RADIO WANITA BERHAD	<b>036</b>	HUSA NETWORK SDN BHD
<b>037</b>	SUARA JOHOR SDN BHD	<b>038</b>	ASIA PACIFIC BROADCASTING UNION
<b>039</b>	MALAYSIAN MARITIME ENFORCEMENT AGENCY (MMEA)	<b>040</b>	JABATAN HIDUPAN LIAR
<b>041</b>	SABAH AMATEUR RADIO SOCIETY	<b>042</b>	FRIENDLY-COMM
<b>043</b>	UNIVERSITI TEKNOLOGI MALAYSIA	<b>044</b>	EXXONMOBIL EXPLORATION AND PRODUCTION MALAYSIA INC.
<b>045</b>	TENTERA UDARA DIRAJA MALAYSIA	<b>046</b>	TENTERA LAUT DIRAJA MALAYSIA
<b>047</b>	PERKHIDMATAN KAJICUACA MALAYSIA	<b>048</b>	JABATAN METEOROLOGI MALAYSIA
<b>049</b>	MAJLIS KESELAMATAN NEGARA	<b>050</b>	TITAN PETCHEM (M) SDN.BHD
<b>051</b>	SARAWAK SHELL BERHAD	<b>052</b>	CELCOM (MALAYSIA) BERHAD
<b>053</b>	MAXIS MOBILE SDN BHD	<b>054</b>	RIMAKMUR SDN BHD

## SECTION IV - Table 12A/12B

<b>MLD</b>	Maldives
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- A** MINISTRY OF TRANSPORT AND COMMUNICATIONS  
TELECOMMUNICATIONS DEPARTMENT  
TELECOM BUILDING  
HUSNUHEENA MAGU  
MALE' 20-04  
MALDIVES  
TELEFAX: +223 213022  
EMAIL: TELECOM@NETLINK.NET.MV
- B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- |            |  |            |                      |
|------------|--|------------|----------------------|
| <b>001</b> | UNITED KINGDOM GOVERNMENT                            | <b>002</b> | MALDIVIAN GOVERNMENT |
| <b>003</b> | AIRPORT OFFICE                                       | <b>004</b> | MUMAN TOURIST AGENCY |
| <b>005</b> | DHIVERI RAAJJEY GE GULHUN PRIVATE LIMITED (DHIRAAGU) |            |                      |

<b>MLI</b>	Mali
------------	------

- A** COMITE DE REGULATION DES TELECOMMUNICATIONS DU MALI (CRT)  
QUARTIER DU FLEUVE  
RUE 303 PORTE 234  
BP 116  
BAMAKO  
MALI  
TELEFAX: +223 223 14 94  
TELEX: 0985 SOTELMA 2906 MJJ  
PHONE: +223 223 14 90 / 14 91  
EMAIL: crt mali@crt.ml
- |            |   |            |                              |
|------------|---|------------|------------------------------|
| <b>001</b> | DIRECTION DES AFFAIRES MILITAIRES                     | <b>002</b> | MARINE NATIONALE             |
| <b>003</b> | OCLALAV B.P 63 GAO                                    | <b>004</b> | AVIATION CIVILE ASEENA       |
| <b>005</b> | TELEMALI - TELECOMMUNICATIONS INTERNATIONALES DU MALI | <b>006</b> | DIRECTION DES CHEMINS DE FER |
| <b>007</b> | OFFICE DES POSTES ET TELECOMMUNICATIONS               | <b>010</b> | STATIONS GOUVERNEMENTALES    |
| <b>011</b> | SERVICE METEOROLOGIQUE                                | <b>014</b> | SERVICE GEOGRAPHIQUE         |
| <b>015</b> | RADIODIFFUSION TELEVISION DU MALI                     |            |                              |

<b>MLT</b>	Malta
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- A** MALTA COMMUNICATIONS AUTHORITY  
VALLETTA WATERFRONT  
PINTO WHARF  
FLORIANA FRN 1913  
MALTA  
TELEFAX: +356 2133 6846  
PHONE: +356 2233 6840
- |            |                            |            |                                    |
|------------|----------------------------|------------|------------------------------------|
| <b>001</b> | GOVERNMENT OF MALTA        | <b>002</b> | UNITED KINGDOM GOVERNMENT          |
| <b>003</b> | DIRECTOR OF CIVIL AVIATION | <b>004</b> | GO P.L.C.                          |
| <b>005</b> | SUPERINTENDENT OF PORTS    | <b>006</b> | WESTERN GEOPHYSICAL CO. OF AMERICA |
| <b>008</b> | CIVIL DEFENCE              | <b>009</b> | OSSERVATORIO GEOFISICO OF TRIESTE  |
| <b>010</b> | PARASTATAL BODY            | <b>011</b> | DEUTSCHE WELLE                     |
| <b>012</b> | PRIVATE LICENCE OPERATOR   | <b>013</b> | VODAFONE MALTA LIMITED             |
| <b>014</b> | ELSACOM MALTA              | <b>015</b> | MULTIPLUS LIMITED                  |
| <b>016</b> | UNIVERSITY OF MALTA        |            |                                    |

## SECTION IV - Table 12A/12B

<b>MNE</b>	Montenegro
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- A** MINISTRY OF TRANSPORT, MARITIME AFFAIRS AND TELECOMMUNICATIONS  
RIMSKI TRG BB  
PODGORICA 81000  
MONTENEGRO  
TELEFAX: +382 81 242 028  
PHONE: +382 82 242 104
- B** AGENCY FOR TELECOMMUNICATIONS  
PODGORICA  
REPUBLIC OF MONTENEGRO
- C** BROADCASTING AGENCY OF MONTENEGRO  
BULEVAR SVETOG PETRA CETINJSKOG 9  
81000 PODGORICA  
MONTENEGRO
- |   |  |
|---|--|
| <b>001</b> GOVERNMENT OF MONTENEGRO, PODGORICA  | <b>002</b> MARITIME SAFETY DEPARTMENT, BAR               |
| <b>008</b> BROADCASTING AGENCY - TV, PODGORICA  | <b>011</b> BROADCASTING AGENCY - FM, PODGORICA           |
| <b>015</b> AGENCY FOR TELECOMMUNICATIONS - FX, PODGORICA                                  | <b>023</b> CIVIL AVIATION DEPARTMENT, PODGORICA          |
| <b>024</b> MINISTRY OF MARITIME AFFAIRS, TRANSPORTATION AND TELECOMMUNICATIONS, PODGORICA | <b>026</b> AGENCY FOR TELECOMMUNICATIONS - MO, PODGORICA |
| <b>030</b> RAILWAYS OF MONTENEGRO, PODGORICA  |  |

<b>MNG</b>	Mongolia
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- A** COMMUNICATIONS AND INFORMATION TECHNOLOGY AUTHORITY  
THE GOVERNMENT OF MONGOLIA  
CENTRAL POST OFFICE  
SUKHBAATAR SQ-1, P.O. BOX 785  
ULAANBAATAR - 15160  
MONGOLIA  
PHONE: +976 11 330781  
EMAIL: info@cita.gov.mn  
EMAIL: brmail@cita.gov.mn  
TELEFAX: +976 11 330780  
TELEX: 0800 79250 MRTC MH
- B** COMMUNICATIONS REGULATORY COMMISSION OF MONGOLIA  
BLOCK-A,  
METRO BUSINESS CENTER  
SUKHBAATAR DISTRICT  
ULAANBAATAR 14201  
MONGOLIA  
EMAIL: info@crc.gov.mn  
EMAIL: fr@crc.gov.mn  
TELEFAX: +976 11 327720  
PHONE: +976 11 304258
- |   |   |
|---|---|
| <b>001</b> COMMUNICATIONS REGULATORY COMMISSION OF MONGOLIA | <b>002</b> INFORMATION COMMUNICATIONS TECHNOLOGY AND POST AUTHORITY (ICTPA) |
|---|---|

<b>MOZ</b>	Mozambique
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- A** EMPRESA NACIONAL DE TELECOMUNICACOES  
DE MOZAMBIQUE  
PO BOX 25  
RUA DA SE NO. 2  
MAPUTO  
REPUBLIC OF MOZAMBIQUE  
TELEFAX: +258 21 431944  
TELEX: 0992 6509 DGTDM MO

## SECTION IV - Table 12A/12B

<b>MOZ</b>	Mozambique
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**B** NATIONAL POST AND TELECOM AGENCY  
P.O.BOX 5398  
S - 102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

<b>001</b>	RADIO MOCAMBIQUE	<b>002</b>	TELECOMUNICACOES DE MOCAMBIQUE
<b>003</b>	SERVICOS METEOROLOGICOS DE MOCAMBIQUE	<b>004</b>	MINISTERIO DOS TRANSPORTES E COMUNICACOES
<b>005</b>	EMPRESA NACIONAL DE AEROPORTOS	<b>006</b>	SECRETARIA DO ESTADO DAS PESCAS
<b>007</b>	ENTIDADES CONTROLADAS PELAS TDM	<b>008</b>	MINISTERIO DE AGRICULTURA
<b>009</b>	SWEDISH GOVERNMENT	<b>010</b>	SOUTH AFRICAN EMBASSY, MAPUTO

<b>MRA</b>	Northern Mariana Islands (Commonwealth of the)
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**A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION: MR. RICHARD B. ENGELMAN  
2000 M STREET  
ROOM 868, STOP CODE #0800C  
WASHINGTON DC 20554 / UNITED STATES OF AMERICA  
TELEFAX: +1 202 418 1208 / 0398  
TELEX: 025 VIA TWX 710 822 0160

**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

<b>001</b>	COMSAT	<b>230</b>	FEDERAL COMMUNICATIONS COMMISSION, BC
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<b>MRC</b>	Morocco
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**A** AGENCE NATIONALE DE REGLEMENTATION DES  
TELECOMMUNICATIONS (ANRT)  
Centre d'affaires, Bd. Ar-Riad, Hay Riad.  
BP 2939  
RABAT 10100  
TELEFAX: +212 537 203 862  
PHONE: +212 537 718 400

<b>001</b>	RADIODIFFUSION TELEVISION MAROCAINE 1 ZANKAT EL BRIHI, RABAT	<b>002</b>	OFFICE NATIONAL DES POSTES ET TELECOMMUNICATIONS, RABAT
<b>003</b>	ETAT MAJOR GENERAL DES FORCES ARMEES ROYALE, RABAT	<b>004</b>	MINISTERE DE L'INTERIEUR ET DE L'INFORMATION, RABAT
<b>005</b>	CENTRE ROYAL D'ETUDE ET DE RECHERCHE SPATIALE (CRES)	<b>006</b>	AGENCE NATIONALE DE LA CONSERVATION FONCIERE DU CADASTRE ET DE LA CARTOGRAPHIE (ANCFCC)

<b>MRN</b>	Marion Island
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**A** DEPARTMENT OF TRANSPORT,  
DIVISION OF CIVIL AVIATION,  
PRETORIA

**B** THE POSTMASTER GENERAL  
DEPARTMENT OF POSTS AND TELECOMMUNICATIONS  
PRIVATE BAG X860  
PRETORIA 0001  
TELEX: 095 357793 = RADIO

<b>001</b>	DEPARTMENT OF TRANSPORT, DIVISION OF CIVIL AVIATION	<b>002</b>	DEPARTMENT OF POSTS AND TELEGRAPHS
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## SECTION IV - Table 12A/12B

<b>MRT</b>	Martinique (French Department of)
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**A** MONSIEUR LE DIRECTEUR GENERAL  
 AGENCE NATIONALE DES FREQUENCES  
 78, AVENUE DU GENERAL DE GAULLE - BP400  
 94704 MAISONS ALFORT CEDEX  
 FRANCE  
 EMAIL: earthcoord@anfr.fr (Stations terriennes)  
 EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)  
 EMAIL: tercoord@anfr.fr (Services de Terre)  
 TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
 TELEFAX: +33 1 45 18 73 90 (Stations terriennes)

<b>001</b>	FORCES TERRESTRES	<b>002</b>	MARINE NATIONALE
<b>003</b>	CONSEIL SUPERIEUR DE L'AUDIOVISUEL	<b>004</b>	AVIATION CIVILE
<b>005</b>	CIE AIR-FRANCE	<b>006</b>	ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS
<b>007</b>	SURETE NATIONALE	<b>008</b>	MINISTERE DE L'INTERIEUR
<b>009</b>	DEFENSE NATIONALE	<b>010</b>	AERONAUTIQUE MILITAIRE FRANCAISE
<b>011</b>	GENDARMERIE NATIONALE	<b>018</b>	METEOROLOGIE
<b>019</b>	PHARES ET BALISES	<b>034</b>	AUTORITE DE REGULATION DES TELECOMMUNICATIONS

<b>MSR</b>	Montserrat
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**A** INTERNATIONAL FREQUENCY COORDINATION  
 SPACE SERVICES UNIT  
 OFCOM  
 2A SOUTHWARK BRIDGE ROAD  
 LONDON SE1 9HA  
 TELEFAX: +44 20 7981 3208  
 TELEX: 051261969 DTI WBH G  
 EMAIL: ifc.enquiries@ofcom.org.uk  
 PHONE: +44 20 7981 3100

**B** THE PERMANENT SECRETARY  
 MINISTRY OF COMMUNICATIONS AND WORKS  
 P.O. BOX 344  
 PLYMOUTH  
 MONTSERRAT  
 WEST INDIES  
 TELEX: 5736 MCW MK

<b>001</b>	CABLE AND WIRELESS (W.I.) LTD., LONDON	<b>002</b>	ANTILLES RADIO CORPORATION LTD.
<b>003</b>	MONTSERRAT POLICE	<b>004</b>	GOVERNMENT OF MONTSERRAT
<b>005</b>	UWI SEISMIC RESEARCH UNIT	<b>006</b>	ANTILLES TELEVISION
<b>007</b>	CARIBBEAN COMMUNICATIONS LTD.		

<b>MTN</b>	Mauritania
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**A** AUTORITÉ DE RÉGULATION  
 CONSEIL NATIONAL DE REGULATION  
 B.P. 4908  
 NOUAKCHOTT  
 MAURITANIE (RÉPUBLIQUE ISLAMIQUE DE)  
 TELEFAX: +222 529 1279  
 TELEX: 0947 5600 MTN

<b>001</b>	DIRECTION DES AFFAIRES MILITAIRES	<b>002</b>	MARINE NATIONALE DE MAURITANIE
<b>004</b>	AVIATION CIVILE - ASECNA	<b>007</b>	OFFICE DES POSTES ET TELECOMMUNICATIONS
<b>008</b>	ARMEE NATIONALE	<b>009</b>	BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES BP 268 BURGEOLOG, DAKAR
<b>013</b>	SOCIETES ET COMPAGNIES PRIVEES CONTROLEES PAR L'OFFICE DES POSTES ET TELECOMMUNICATIONS	<b>014</b>	SERVICE GEOGRAPHIQUE
<b>015</b>	RADIODIFFUSION NATIONALE	<b>016</b>	GARDE NATIONALE
<b>017</b>	GENDARMERIE NATIONALE	<b>018</b>	CIE FRANCAISE DE PROSPECTION SISMIQUE

## SECTION IV - Table 12A/12B

<b>MTN</b>	Mauritania
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019 SERVICE DES DOUANES 020 COMMISSARIAT A L'AIDE ALIMENTAIRE

<b>MWI</b>	Malawi
------------	--------

**A** MALAWI TELECOMMUNICATIONS LIMITED  
LAMYA HOUSE  
CHIPEMBERE HIGHWAY  
P.O. BOX 357  
BLANTYRE  
PHONE: +265 1 620 977  
EMAIL: mtlceo@malawi.net  
TELEFAX: +265 1 846 445  
TELEX: 0904 44100 POSTGEN MI

001 DEPARTMENT OF CIVIL AVIATION	002 MALAWI POLICE
003 DEPARTMENT OF POSTS AND TELECOMMUNICATIONS	004 MALAWI RAILWAYS
005 MALAWI BROADCASTING CORPORATION	006 MALAWI ARMY
007 MINISTRY OF ECONOMIC AFFAIRS	008 MALAWI DEVELOPMENT CORPORATION
009 CABLE AND WIRELESS LTD., LONDON	010 DEPARTMENT OF WILDLIFE

<b>MYT</b>	Mayotte (Territorial Collectivity of)
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**A** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AVENUE DU GENERAL DE GAULLE - BP400  
94704 MAISONS ALFORT CEDEX  
FRANCE  
EMAIL: earthcoord@anfr.fr (Stations terriennes)  
EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes)  
EMAIL: tercoord@anfr.fr (Services de Terre)  
TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
TELEFAX: +33 1 45 18 73 90 (Stations terriennes)

001 AVIATION CIVILE	002 POSTES ET TELECOMMUNICATIONS
003 FORCES TERRESTRES	004 CONSEIL SUPERIEUR DE L'AUDIOVISUEL
005 SERVICE METEOROLOGIQUE	006 MINISTERE DE L'INTERIEUR
007 DEFENSE NATIONALE	011 GENDARMERIE NATIONALE
012 MARINE NATIONALE	013 SERVICE DES PHARES ET BALISES
034 AUTORITE DE REGULATION DES TELECOMMUNICATIONS	

<b>NCG</b>	Nicaragua
------------	-----------

**A** INSTITUTO NICARAGUENSE DE TELECOMUNICACIONES  
Y CORREOS "TELCOR"  
DIRECCION GENERAL, TELCOR  
AVENIDA BOLIVAR, ESQUINA DIAGONAL AL EDIFICIO DE LA CANCELLERIA  
APARTADO POSTAL NO. 2664  
MANAGUA  
NICARAGUA  
EMAIL: direcciongeneral@telcor.gob.ni  
TELEX: 0375 1007  
TELEFAX: +505 2255 9170  
PHONE: +505 2255 9150

001 GOBIERNO DE NICARAGUA	002 ALL AMERICA CABLES
003 RADIO NACIONAL	004 ESSO STANDARD OIL CO.
005 PAN AMERICAN AIRWAYS	006 TEXAS PETROLEUM CO.
007 CIA. AEREA "TACA"	008 TROPICAL RADIO TELEG. CO.
009 EMPRESA VITA	010 WEIS AND FRICKER CO.
011 NICAR. LONG LEAF PINE LUMBER CO.	012 STANDARD FRUIT CO.
013 EMPRESA NOLEN	014 LACSA CIA. AEREA

## SECTION IV - Table 12A/12B

NCG	Nicaragua		
015	NICA CIA. AEREA	016	EMPRESA MADERA MAC INNIS
017	COMP. MINERA "LA INDIA"	018	RADIO MINUTO
019	RADIO TIC TAC	020	COMPANIA CEMENTERA
021	FREIBERG MAHAGONY CO.	022	CURKA DEVELOPMENT CO.
023	RADIO SENSACION	024	AMERICAN INTERNATIONAL FUEL AND PETROL C.
025	RADIO QUINIENTOS NOVENTA	026	BRAGMANN BLUFF LUMBER CO.
027	JOSE MENDOZA OSORNO	028	RADIO CENTRAL
029	MANUEL ARANA VALLE	030	ALBERTO SOLIS H.
031	RADIODIFUSORA NACIONAL	032	DR. JUAN VELASQUEZ PRIETO
033	EDITORIAL CATOLICA S.A.	034	ALICIA MILLER
035	DR. MARIANO VALLE QUINTERO	036	ANDRES CASTRO WASMER
037	JUAN TORUNO C.	038	MIGUEL A. SOLIS H.
039	JOSE F. TERCERO ZAPATA	040	RONALDO LACAYO MARTINEZ
041	NICOLAS W. NAVAS	042	CHESTER A. PARRALES
043	EMILIO ESTRADA	044	JOSE A. TIJERINO SALINAS
045	RADIO SPORT	046	MI PREFERIDA
047	UNION RADIO	048	EL FABULOSO SIETE
049	RADIO TITANIA	050	J. VASSALLI AND CO.
051	PARTICULAR	052	LANICA CIA. AEREA
053	ESTACION EQUIS	054	LA VOZ DEL CONTINENTE AMERICANO
055	RADIO MUNDIAL	056	RADIO AMOR
057	ONDAS DE LUZ	058	RADIO NOTICIAS
059	RADIO CONTINENTAL	060	RADIO TIEMPO
061	RADIO MANAGUA	062	RADIO MIL
063	RADIO RELOJ DE NICARAGUA	064	RADIO MASAYA
065	RADIO CENTRO	066	RADIO MUSUN
067	LA VOZ DE LA VICTORIA	068	RADIO CIRCUITO
069	RADIO CATOLICA	070	ONDAS SEGOVIANAS
071	RADIO DARIO	072	RADIO SANTAMARIA
073	RADIO CAPITAL	074	CULTURAL CARAZO
075	RADIO EL MUNDO	076	RADIO GUEGUENSE
077	RADIO MARAVILLA	078	RADIO GRANADA
079	RADIO ONDAS SONORAS	080	LA VOZ DEL TUMA
081	RADIO MINERVA	082	BABY RADIO
083	RADIO MATAGALPA	084	RADIO UNO CADENA NACIONAL
085	RADIO CRISTAL	086	RADIO ONDAS CHONTALENAS
087	RADIO SATELITE RELOJ	088	RADIO PLAZA RELOJ DE MATAGALPA
089	RADIO ALMA LATINA	090	RADIO ONDAS DEL SUR
091	RADIO ONDAS POPULARES	092	RADIO VANGUARDIA
093	RADIO ECO DE LAS BRUMAS	094	RADIO COSIGUINA
095	RADIO PROGRESO	096	RADIO ONDAS DE YOLOTLAN
097	RADIO UNO	098	RADIO COLINAS
099	RADIO SAN CRISTOBAL	100	COTTON STATES
101	DIRECCION GENERAL DE ADUANAS	102	ROGER FERNANDEZ H.
103	METASA	104	BANCO NACIONAL DE NICARAGUA
105	AZUCARERA L.M.	106	BANCO DE AMER
107	NICATELSAT	108	CIA. MARITIMA
109	MANENIC LINE	110	OTTO SHOW
111	IFAGAN	112	MANUEL SANDINO
113	SERV. GEOLOGICO NACIONAL	114	CORNELIO HUECK
115	ING. GYLA	116	RAFAEL MARTINEZ
117	SHELL NICARAGUA	118	TELLEZ ELECTRONIC
119	ENALUF	120	RADIO OCCIDENTAL
121	RADIO RUMBOS	122	GUARDIA NACIONAL DE NICARAGUA
123	RADIO CIMA	124	IVAN MONTENEGRO
125	FE Y ALEGRIA	126	INDUSTRIA NTL AGRIC
127	MICONS MANAGUA	128	JAMES GREEN
129	TEXACO MANAGUA	130	WAIKAY AGRICOLA IND.
131	RAMIRO JOSE ESCOBAR	132	SILVIO RODRIGUEZ ARA
133	RIVAS OPSTAELE SA	134	MANTICA REPUESTOS SA
135	NOGUERA Y CIA. LTDA.	136	INPESCA MANAGUA
137	INISER MANAGUA	138	JOSE RODRIGUEZ
139	SANTIAGO BALDOVINOS	140	DISTRIBUIDORA LUBRICA
141	ENDIMAR MANAGUA	142	EMBANOC MANAGUA
143	ENIRA MANAGUA	144	AGROSA
145	PREFANICSA	146	EMP JORGE CAMARGO
147	INEC	148	COMERCIAL S MARTIN
149	COPRENIC	150	EMP ADOLFO GARCIA
151	TIMAL	152	JOSE HERNANDEZ
153	NAP INGENIEROS	154	DIR TECN AGROPECUARI
155	SOVIPE COMERCIAL	156	AVICOLA LA ESTRELLA
157	BALLADARES GURDIAN	158	NICALIT
159	CECOOP	160	JOSE A NAVARRO
161	AGRICOLA JACINTO LOP	162	CARLOS HOLLMAN
163	JORGE ZAMORA	164	JUAN BURGOS

## SECTION IV - Table 12A/12B

<b>NCG</b>	Nicaragua
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165	ERNESTO CHAMORRO	166	PIERSON JACKMAN
167	RAFAEL FABRETO	168	CONDEMINA
169	DENSA	170	GALLO Y VILLA
171	ADOLFO CABRERA	172	VIMED
173	COL AMERICANO NIC	174	EMP AUGUSTO SALINAS
175	CAMAS LUNA	176	CIRA UNAN
177	INA	178	JRM

<b>NCL</b>	New Caledonia
------------	---------------

**A** MONSIEUR LE DIRECTEUR GENERAL  
 AGENCE NATIONALE DES FREQUENCES  
 78, AVENUE DU GENERAL DE GAULLE - BP400  
 94704 MAISONS ALFORT CEDEX  
 FRANCE  
 EMAIL: earthcoord@anfr.fr (Stations terriennes)  
 EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)  
 EMAIL: tercoord@anfr.fr (Services de Terre)  
 TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
 TELEFAX: +33 1 45 18 73 90 (Stations terriennes)

**B** OFFICE DES POSTES ET TELECOMMUNICATIONS DE LA  
 NOUVELLE CALEDONIE, NOUMEA  
 TELEX: POSTEL 3089 NM

**C** HAUT COMMISSARIAT DE LA REPUBLIQUE  
 EN NOUVELLE CALEDONIE,

001	FORCES TERRESTRES	002	MARINE NATIONALE
003	TRAVAUX PUBLICS	004	AVIATION CIVILE
005	SERVICE METEO	006	OFFICE DES POSTES ET TELECOMMUNICATIONS
007	DEFENSE NATIONALE	009	ADMINISTRATION DES POSTES, TELEGRAPHES ET TELEPHONES
010	AERONAUTIQUE MILITAIRE FRANCAISE	011	GENDARMERIE NATIONALE
012	SERVICE GEOGRAPHIQUE	013	CONSEIL SUPERIEUR DE L'AUDIOVISUEL
015	BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES EN NOUVELLE-CALEDONIE	016	PORT AUTONOME DE NOUMEA
017	HAUT COMMISSAIRE	019	ARMEMENT DES PHARES ET BALISES

<b>NFK</b>	Norfolk Island
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**A** AUSTRALIAN COMMUNICATIONS AND MEDIA AUTHORITY  
 P.O. BOX 78  
 BELCONNEN ACT 2616  
 AUSTRALIA  
 TELEFAX: +61 2 6219 5353

001	AUSTRALIAN BROADCASTING SERVICES	002	GOVERNMENT
003	OVERSEAS TELECOMMUNICATIONS COMMISSION	004	PRIVATE
005	TRANSPORT AUTHORITIES		

<b>NGR</b>	Niger
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**A** MINISTERE DE LA COMMUNICATION  
 BP 368  
 NIAMEY  
 TELEFAX: +227 20 72 56 68  
 TELEX: 0975 5209 OFPOSTEL NI

001	OFFICE DES POSTES ET TELECOMMUNICATIONS	002	AGENCE POUR LA SECURITE DE LA NAVIGATION AERIENNE
003	OFFICE DE RADIODIFFUSION ET TELEVISION DU NIGER (ORTN)	004	STATIONS GOUVERNEMENTALES



## SECTION IV - Table 12A/12B

<b>NGR</b>	Niger		
006	MISSION MILITAIRE FRANCAISE	007	SOCIETES ET CIES PRIVEES CONTROLEES PAR L'OFFICE DES P. ET T.
008	COMPAGNIE FRANCE CABLES ET RADIO		
<b>NIG</b>	Nigeria		

<b>A</b>	FEDERAL MINISTRY OF INFORMATION AND COMMUNICATIONS FEDERAL SECRETARIAT COMPLEX SHEHU SHAGARI WAY ABUJA NIGERIA TELEFAX: +234 9 234 4106 TELEX: 0805 21065 ADTECH NG PHONE: +234 9 234 6351 EMAIL: jodey@nigeria.gov.ng		
<b>C</b>	THE CHAIRMAN AND DIRECTOR GENERAL SUDAN TELECOMMUNICATIONS CORPORATION MINISTRY OF TRANSPORT AND COMMUNICATIONS KHARTOUM TELEX: 098422299 GENTL SD		
<b>D</b>	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
<b>E</b>	NATIONAL TELECOM AGENCY COORDINATION DIVISION HOLSTEINSGADE 63 DK - 2100 KOBENHAVN O TELEX: 055 31100 NTA DK		
<b>F</b>	FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC FREQUENCY OFFICE ARSENAL, OBJEKT 22, POB 79 A-1103 WIEN / AUSTRIA TELEX: 131 800 MONI A		
001	NIGERIA EXTERNAL TELECOMMUNICATION LIMITED	002	THE POSTMASTER-GENERAL, LAGOS
003	NIGERIAN BROADCASTING CORPORATION	004	TOMAX BETON CONSTRUCTION CO. LTD.
005	RIVERS STATE BROADCASTING TELEVISION SERVICE	006	NIGERIA POLICE FORCE
007	FOREX (NIGERIA) LTD.	008	GOVERNMENT OF THE FEDERAL REPUBLIC NIGERIA
009	CIVIL AVIATION	010	NIGERIAN AGIP OIL COMPANY LIMITED
011	NATIONAL ELECTRIC POWER AUTHORITY	012	GRANGES (NIG) LTD.
013	NIGERIAN PORTS AUTHORITY	014	NIGERIAN WIRES INDUSTRIES LTD.
015	POSTS AND TELEGRAPHS	016	BALAKHANY (CHAD) LIMITED
017	THE UNITED AFRICA COMPANY OF NIGERIA LTD.	018	NIGERIAN RAILWAY CORPORATION
019	INLAND WATERWAYS DEPARTMENT	020	SUDAN INTERIOR MISSION
021	OGUN STATE BROADCASTING CORPORATION	022	LAGOS STATE GOVERNMENT
023	E.M. MICHELETTIE	024	NIGERIAN NAVAL FORCE
025	NIGERIAN TOBACCO COMPANY LIMITED	026	STRUCTEC C.F.A.O. NIG. LTD.
027	CHURCH OF THE BRETHREN MISSION	028	SUDAN UNITED MISSION
029	WEST AFRICAN AIRWAYS CORPORATION (NIGERIA) LIMITED	030	AFRICAN CONSTRUCTION COMPANY
031	DECCA NAVIGATOR COMPANY	032	STIRLING-ASTALDI (AFRICA) LIMITED
033	PAMOL LIMITED	034	REDIFFUSION (NIGERIA) LIMITED
035	RIVERS STATE GOVT.	036	BEN WILLEY NIG. LTD.
037	KWARA STATE GOVT.	038	COSTAIN-BLANKEVOORT DREDGING COMPANY LIMITED
039	SHELL-BP PETROLEUM DEVELOPMENT COMPANY OF NIGERIA LTD.	040	OMO SAWMILLS OF NIGERIA
041	ANAMBRA STATE BROADCASTING CORPORATION	042	COSTAIN-RAYMOND, ESCRAVOS
043	SAFRAP (NIGERIA) LIMITED	044	OYO STATE BROADCASTING CORPORATION
045	GROUP OIL COMPANIES	046	SOKOTO STATE BROADCASTING CORP.
047	TIN AND ASSOCIATED MINERALS LIMITED	048	KOBE STEEL LTD.
049	KANO STATE GOVT.	050	OYO STATE WATER CORPORATION
051	MINISTRY OF LAND AND LABOUR, IBADAN	052	LAGOS MUNICIPAL TRANSPORT SERVICE

## SECTION IV - Table 12A/12B

NIG	Nigeria		
053	HOLT'S TRANSPORT LIMITED	054	BORINI PRONO AND COMPANY (NIGERIA) LIMITED
055	CHESEBROUGH PRODUCT INDUSTRY	056	STRABAG (NIGERIA) LIMITED
057	BALFOUR BEATTY AND COMPANY LIMITED	058	NIGERIAN ARMY
059	NIGERIAN AIR FORCE	060	MOBIL EXPLORATION NIGERIA LIMITED
061	NORTHERN NIGERIA BROADCASTING CORPORATION	062	EMBASSY OF THE REPUBLIC OF THE SUDAN
063	TAYLOR WOODROW (NIGERIA) LIMITED	064	GOUVERNEMENT DE LA SUEDE
065	BASF LTD	066	PALM LINE LIMITED
067	GROUP CIVIL ENGINEERS	068	BP NIGERIA LTD.
069	NIGERIAN PRODUCE AND MARKETING CO.	070	AFRICAN INDUSTRIAL TIMBER
071	TEXACO (NIG.) LTD.	072	GROUP INDUSTRIES
073	SUDAN UNITED MISSION (LONDON) P.O.BOX 643, JOS.	074	AERO CONTRACTORS.
075	LUFTHANSA GERMAN AIRLINES.	076	CENTRAL BANK OF NIGERIA.
077	DUMEZ (NIGERIA) LIMITED	078	DAILY TIMES NEWSPAPERS.
079	NORTHERN NIGERIA NEWSPAPERS CO.	080	JULIUS BERGER (NIG.) LTD.
081	ONDO STATE GOVERNMENT	082	NACAP BV
083	H.M. CUSTOMS AND EXCISE	084	NIGERIAN TELEVISION AUTHORITY
085	MONIER CONSTRUCTION COMPANY	086	COMMUNICATION ASSOCIATE (NIG.) LTD.
087	FLYING DOCTOR SERVICE	088	NIGERIAN SURVEYS LTD.
089	FEDERAL MINISTRY OF TRANSPORT MARITIME DIVISION.	090	AMERICAN OVERSEAS PETROLEUM LIMITED
091	BISICHI TIN COMPANY LIMITED	092	INSTITUTE OF LINGUISTICS.
093	IFE UNIVERSITY.	094	IBADAN UNIVERSITY.
095	NIGERIAN UNIVERSITIES COMMISSION.	096	OFF SHORE COMPANY
097	POWERLINES (NIG.)LTD.	098	SOUTH EASTERN DRILLING CO.
099	FLOPETROL.	100	R.T. BRISCO.
101	INTERNATIONAL DRILLING CO.	102	JOHN HOLT WESTMINSTER DREDGING COMPANY
103	CODE OF CONDUCT BUREAU	104	GUFFANTI BONIGER.
105	NATIONAL BANK OF NIG.LTD.	106	CALEDONIAN AIRWAYS.
107	PATTERSON ZOCHONIS	108	BROSSETTE LTD. (NIGERIA)
109	NIGERIAN REDCROSS	110	NIGERIAN SERVICES AND SUPPLY CO.
111	COMMUNICATION EQUIPMENT DEALERS.	112	TRANSPORTER
113	MOTOR VEHICLE DEALERS.	114	NIGERIAN METEOROLOGICAL SERVICES.
115	DIPLOMATIC MISSIONS	116	UNITED NATIONS AGENCIES.
117	TECHNICAL AID AGENCIES	118	UNITED BANK OF AFRICA.
119	BARCLAYS BANK.	120	STANDARD BANK.
121	PETRAMONK	122	TOTAL LTD.
123	NIGERIAN TECHNICAL CO.	124	EKWEME AND ASSOCIATES
125	AVERY LTD.	126	PHARCO LTD.
127	PAN AFRICAN BANK	128	FAJEMIROKUN ASSOCIATES
129	DANISH GOVERNMENT	130	OSTERREICHISCHE BOTSCHAFT
131	SAE CONSTRUCTION NIG. LTD.	132	ONDO STATE GOVERNMENT
133	CRUSHED ROCKS INDUSTRIES	134	ZINKON INTERNATIONAL
135	FASAKIN FOODS NIG. LTD.	136	NIG. ELECTRICITY SUPPLY. COY.
137	BIDA AGRIC. DEV. PROJECT	138	PAULOSA NIG. LTD.
139	BORBDA RIVER BASIN DEV. AUTH.	140	EKWENIBE AND SONS
141	WEIR NIG. LTD.	142	EHI WORLD TRAVEL
143	H. W. ROMAN AND SON LTD.	144	EXPO SHIPPING LINE NIG. LTD.
145	WARRI UNITED PUBLISHERS	146	GIFT FAT NIG LTD.
147	ASHAYE FAR EAST LINE	148	ELECTROWAT CONSULTANT ENGINEERS
149	COMERINT NIG. LTD.	150	OVERSEAS UNITED VENTURES
151	OGBEMUDIA FARMS	152	METAWM LIMITED
153	OFF SHORE TRAWLERS	154	UNION TRADING COMPANY
155	AJAKUTA STEEL COMPANY	156	INTERNATIONAL BEER & BEVERAGES
157	DARAL HANDASAH CONSULTANT	158	NATIONAL TEACHERS INSTITUTE
159	HANYANG (NIG) LTD.	160	FEDERAL MINISTRY OF LABOUR
161	W.F. CLARKE (NIG) LTD.	162	TAPOL (NIG) LTD.
163	HADEJIA - JAMA ARE RIVER BASIN	164	BENUUE BURNT BRICKS
165	TAISEI WEST AFRICA LTD.	166	FEDERAL HOUSING AND ENVIRONMENT
167	EKENE DILI CHUKWU MOTORS LTD.	168	HOME CONST. DREDGING NIG. LTD.
169	V. D. PAM AIG	170	UNIVERSAL TEXTILE IND. LTD.
171	APROFIM ENG. CONST. LTD.	172	GLAXO ALLENBURYS NIG. LTD.
173	GENERAL AVIATION SERVICE LTD.	174	TRIAx COMPANY NIG. LTD.
175	NEWS AGENCY OF NIGERIA	176	EDOK-ETER MANDILAS
177	EZUGO ISIADINSO & PARTNERS	178	EDDY MOTORS (NIG) LTD
179	BAUCHI STATE AGRIC.DEV. PROGRAMME	180	NAT. HORTICULTURAL RESEARCH INSTITUTE
181	FORSTER WHEELER WORLD SVCS	182	ELF (NIG) LTD
183	CHYKE INT. LTD	184	RACCAFORM NIG LTD
185	RANA TAHIR FURNITURE	186	PIETERSON AGENCY LTD
187	GEARHART (NIG) LTD	188	INTRA MOTORS (NIG) LTD
189	KANO OIL MILLERS	190	INTERNATIONAL BREWERIES
191	RALEIGH IND (NIG) LTD.	192	SAFA FOAM PRODUCTS LTD.
193	CHESEBROUGH PRODUCTS IND.	194	FED. INLAND REVENUE
195	JOS INTERNATIONAL BREWERIES	196	GIDAN HASSAN INDUSTRIES

## SECTION IV - Table 12A/12B

<b>NIG</b>	Nigeria		
197	RENTACOLOR (NIG) LTD.	198	J. NWANKWU BROS
199	UNIVERSAL FISHING CO.	200	NAL MERCHANT BANKERS
201	MOULDS (NIG) LTD	202	IMNL AIR SERVICES
203	VERITAS INSURANCE CO.	204	SMURFIT CASES LTD
205	KABO TRAVELS LTD.	206	EASTERN BULKCEM CO.
207	BUSINESS EQUIP AND MANUFACTURE	208	FED. AGRIC UNIT IBADAN
209	RAU-IMEX LTD.	210	AKWA MINERALS
211	HISPANIC CONST. LTD.	212	HABIB (NIG) BANK LTD.
213	IZUCHUKWU (NIG) LTD.	214	NAT. TRUCKS MANUFACT LTD.
215	BREWTECH (NIG) LTD.	216	HANS MEHR LTD.
217	UNION STEEL IND.	218	EKPO ELECTRONICS LTD.
219	BRIGHT STAR IND LTD.	220	TEEGEE NIG LTD.
221	THEO AND THEO PAINTS	222	K. AKAR LTD.
223	P.S. MANDRIDES	224	INTERWORLD ENTREPRISES
225	UNITED FOAM PRODUCTS	226	MAKE NIG LTD.
227	GOPITEX NIG LTD.	228	GOD'S KINGDOM SOCIETY
229	FGN OKOYE AND SONS	230	ENPLAN GROUP CONSORTIUM
231	GOD DE TRANSPORT LTD.	232	NIGERIAN ROPES LTD.
233	DEFENCE INDUSTRIES CORP.	234	DORNIER (NIG) LTD.
235	J.T. CHANRAI LTD.	236	GOVT COASTAL AGENCY
237	BIGHT ENG. LTD.	238	G.B. OLLIVANT
239	KITCHEN EQUIPMENT LTD.	240	DAVE ENG. LTD.
241	NIKO ENGINEERING CO.	242	B.I.C.C. LTD.
243	IRON PRODUCTS IND.	244	CFAO QUALITEX CO.
245	ISYAKU RABIU AND SONS	246	NORTHERN PRODUCE CO.
247	TRANS ATLANTIC SHIPPING	248	APROFIM ENG. LTD.
249	EMBECHEM LTD.	250	OTIS OF NIGERIA LIMITED
251	STAR MODERN PAPER MILL LTD.	252	AERONAUTICAL INDUSTRIAL ENGINEERING AND PROJECT MANAGEMENT
253	WALE SEA FOODS LTD.	254	DANTATA AND SAWOE CONSTRUCTION COY NIG LTD.
255	RIRIWA MINES LIMITED	256	DORNIER
257	NIKO ENGINEERING LDT.	258	ALHAJ ABDUL GARARU YUSUF AND CO. (NIG) LTD.
259	NICON NUGA HILTON HOTEL	260	G.F. APPIO ASSOCIATES
261	NATIONAL DIRECTORATE OF EMPLOYMENT	262	NIGERIAN COMMUNICATIONS SATELLITE LIMITED
263	NATIONAL SPACE RESEARCH AND DEVELOPMENT AGENCY (NASRDA)		

<b>NIU</b>	Niue		
<b>A</b>	MINISTRY OF COMMERCE RADIO SPECTRUM MANAGMENT GROUP 33 BOWEN STREET P.O. BOX 2847 WELLINGTON / NOUVELLE-ZELANDE TELEX: 07766 NF 67013 NIUCOM		
001	CIVIL AVIATION DIVISION, MINISTRY OF TRANSPORTS	002	NEW ZEALAND GOVERNMENT
003	PRIVATE		

<b>NMB</b>	Namibia	
<b>A</b>	MINISTRY OF INFORMATION AND BROADCASTING DIRECTORATE AUDIO VISUAL MEDIA AND NCC NAMIBIAN COMMUNICATIONS COMMISSION PRIVATE BAG 13309 WINDHOEK / NAMIBIA TELEFAX: +264 61 222790	
<b>C</b>	DEPARTMENT OF TRANSPORT, DIVISION OF CIVIL AVIATION, PRETORIA	

## SECTION IV - Table 12A/12B

<b>NMB</b>	Namibia		
<b>D</b>	GENERAL MANAGER, TRANSNAMIB LTD. WINDHOEK		
<b>E</b>	DIRECTOR GENERAL, NAMIBIAN BROADCASTING CORPORATION WINDHOEK		
<b>F</b>	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEX: 023289696		
<b>001</b>	NAMIBIAN COMMUNICATIONS COMMISSION	<b>002</b>	MINISTRY OF WORKS, TRANSPORT AND COMMUNICATIONS; DEPARTMENT OF CIVIL AVIATION
<b>003</b>	TRANS NAMIB LTD.	<b>004</b>	PRIVATE
<b>005</b>	MINISTRY OF LOCAL GOVERNMENT AND HOUSING	<b>006</b>	NAMIBIAN POLICE FORCE
<b>007</b>	MINISTRY OF DEFENCE	<b>008</b>	S.A.N.F.
<b>009</b>	NAMIBIAN BROADCASTING CORPORATION	<b>010</b>	UNITED NATIONS
<b>011</b>	TELECOM NAMIBIA		

<b>NOR</b>	Norway		
<b>A</b>	NORWEGIAN COMMUNICATIONS AUTHORITY P.O. BOX 93 4791 LILLESAND NORWAY PHONE: +47 22 82 4600 TELEFAX: +47 22 82 4640 EMAIL: firmapost@nkom.no		
<b>B</b>	MINISTRY OF POSTS AND TELECOMMUNICATIONS OF THE RUSSIAN FEDERATION DEPARTMENT FOR INTERNATIONAL RELATIONS 7, TVERSKAYA STREET 103375 MOSKVA, K-375 TELEFAX: +7 095 2003230		
<b>002</b>	ADMINISTRATION DES TELEGRAPHES DE NORVEGE, OSLO	<b>003</b>	GOVERNMENT STATION
<b>004</b>	NORWEGIAN MINISTRY OF FISHERIES, OSLO	<b>005</b>	THE DIRECTOR, INSTITUTE OF THEORETICAL ASTROPHYSICS, UNIVERSITY OF OSLO
<b>006</b>	OSLO POLITI, OSLO	<b>007</b>	NORSK HYDRO, OSLO
<b>010</b>	FYRVESENET, OSLO	<b>012</b>	NORGES VASSDRAG OG ELEKTRISITETSFORSYNING, OSLO
<b>013</b>	DAGBLADET, OSLO	<b>014</b>	NORSK RIKSKRINGKASTING, OSLO
<b>016</b>	OSLO LYSVERKER, OSLO	<b>020</b>	NESODDEN ELEKTRISITETSVERK, NESODDEN
<b>021</b>	AREMARK SKOGBRANNVEKT, AREMARK	<b>022</b>	A/S HAFSLUND, SARPSBORG
<b>025</b>	DET NORSKE METEOROLOGISKE INSTITUTT, OSLO	<b>027</b>	FYRDIREKTOREN, OSLO
<b>028</b>	KINGS BAY KULL CAMP, A.S. OSLO	<b>029</b>	NORSK POLARINSTITUTT, OSLO
<b>030</b>	GLOMMA FELLESFLOETNINGSKONTOR, OSLO	<b>034</b>	OSLO KOMMUNE, OSLO
<b>036</b>	LOEVENSKIOLD-FOSSUM, SKIEN	<b>037</b>	P. NIELSEN SPEDITIONSFORRETNING, OSLO
<b>038</b>	A/S NORSKE SHELL, OSLO	<b>039</b>	DRAMMEN AND OPLANDS PRIVATBANK A/S, DRAMMEN
<b>040</b>	NORDHORDLAND KOMMUNALE KRAFTLAG, ALVERSUND	<b>041</b>	VERDENS GANG, OSLO
<b>042</b>	ASKER KOMMUNE, ASKER	<b>043</b>	ASKER KOMMUNALE ELEKTRISITETSFORSYNING, ASKER
<b>044</b>	SKIENSFJORDENS KOMMUNALE KRAFTSELSKAP, PORSGRUNN	<b>046</b>	NORGES STATSBANER, OSLO
<b>047</b>	AKTIESELSKAPET ALPHA, MOSS	<b>048</b>	A/S TUNGEN GAARD, TRONDHEIM
<b>049</b>	LIER KOMMUNALE ELEKTRISITETSVERK, LIER	<b>050</b>	LUOSSAVAARA KIIRUNAVAARA AKTIEBOLAG, NARVIK
<b>052</b>	AKTIESELSKABET SYDVARANGER, KIRKENES	<b>055</b>	DROSJEEIER ANDREAS BRAENDEN, GRAN
<b>056</b>	SANDOEY KOMMUNALE ELEKTRISITETSVERK, STEINSHAMN HAROEY	<b>058</b>	O.R. OLSEN SLEPEBAATFORRETNING, HALDEN

## SECTION IV - Table 12A/12B

NOR	Norway		
059	SAUGBRUGSFORENINGEN, HALDEN	060	NORA FABRIKKER A/S, OSLO
061	FANA ELEKTRISITETSVERK, FANA	062	TUNE ELEKTRISITETSVERK, TUNE
064	DRAMMENS ELEKTRISITETSVERK, DRAMMEN	065	KRISTIANSANDS ELEKTRISITETSVERK, KRISTIANSANDS
067	BAERUM ELEKTRISITETSVERK, SANDVIKA	069	DET NORSKE ZINKKOMPAGNI A/S, ODDA
070	ODDA SMELTEVERK A/S, ODDA	071	DET NORSKE NITRIDAKTIESELSKAP, TYSSDAL
072	A/S TYSSEFALDENE, TYSSDAL	073	GLOMFJORD KRAFTVERK, GLOMFJORD
074	TELENOR SATELLITE BROADCASTING AS	075	TROMSO SATELLITE STATION
076	TELENOR BROADBAND SERVICES AS, OSLO	077	NORWEGIAN SPACE CENTRE
078	VIZADA AS	079	STM NORWAY AS
080	SHIP EQUIP AS	081	CUBESTAR PROJECT
082	HOGSKOLEN I NARVIK	083	NTNU
084	STEAM SYSTEMS A/S	085	ORBITAL NETWORKS A/S, NORWAY
086	SPACE NORWAY AS	087	DUB DUB NORWAY AS

NPL	Nepal		
A	MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY SINGHDURBAR KATHMANDU / NEPAL TELEFAX: +977 1 227310 TELEX: 0891 2600 MINCOM NP		
B	NEPAL TELECOMMUNICATION AUTHORITY KAMALADI KATHMANDU TELEX: 3161160 COMN IN		
C	HIS MAJESTY'S GOVERNMENT OF NEPAL, DEPARTMENT OF BROADCASTING, KATHMANDU		
001	MINISTRY OF PUBLIC WORKS, TRANSPORT AND COMMUNICATIONS	002	CIVIL AVIATION DEPARTMENT
003	RADIO NEPAL, SINGHA DURBAR, KATHMANDU	004	BRITISH GURKAS, NEPAL

NRU	Nauru (Republic of)		
A	DIRECTOR OF TELECOMMUNICATIONS REPUBLIC OF NAURU TELEFAX: +674 4443111 TELEX: 0775 NRU IMC ZV33086		
B	SPECTRUM MANAGEMENT AGENCY P.O. BOX 78 BELCONNEN ACT 2616 AUSTRALIA TELEFAX: +61 6 256 5200		
001	NAURUAN ADMINISTRATION	002	ISLAND DEVELOPMENT AND INDUSTRY DEPARTMENT
003	SWANSAT/LEADING EDGE TECHNOLOGIES		

## SECTION IV - Table 12A/12B

<b>NZL</b>	New Zealand
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**A** MINISTRY OF BUSINESS, INNOVATION AND EMPLOYMENT  
COMMERCE, CONSUMERS & COMMUNICATIONS BRANCH  
15 STOUT STREET  
P.O. BOX 1473  
WELLINGTON 6011  
NEW ZEALAND  
PHONE: +64 4 978 3100  
EMAIL: Radio.spectrum@mbie.govt.nz  
TELEFAX: +64 4 499 0969

001	RADIO NEW ZEALAND	002	MARITIME SAFETY AGENCY
003	TELECOM CORP OF NZ	004	CIVIL AVIATION AUTHORITY
005	FOREST CORP. OF NZ	006	NEW ZEALAND GOVERNMENT
009	DEPT. OF SURVEY AND LAND INFORMATION	010	PRIVATE
011	WORKS DEVELOPMENT SERVICES	012	ELECTRICORP
014	POLICE DEPARTMENT	016	NZ RAIL LTD.
019	SHIPPING COMPANIES	020	FIRE BOARDS
021	MINISTRY OF TRANSPORT	022	POWER BOARDS
026	CANTERBURY UNIVERSITY	028	OTAGO UNIVERSITY
029	APOGEE NETWORKS LTD.	030	INTERNATIONAL SATELLITE COMPANY LTD. (ISC LTD.)
031	ORBITAL ASTRONAUTICS LIMITED	032	UNIVERSITY OF AUCKLAND
033	SWARM TECHNOLOGIES, INC.		

<b>OCE</b>	French Polynesia
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**A** HAUT COMMISSARIAT DE LA REPUBLIQUE  
EN POLYNESIE FRANCAISE  
PAPEETE  
TELEX: HAUSSAIR 295 FP

**B** OFFICE DES POSTES ET TELECOMMUNICATIONS  
DE LA POLYNESIE FRANCAISE  
PAPEETE  
TELEX: POSTELECO 530 FP

**C** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AVENUE DU GENERAL DE GAULLE - BP400  
94704 MAISONS ALFORT CEDEX  
FRANCE  
EMAIL: earthcoord@anfr.fr (Stations terriennes)  
EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes)  
EMAIL: tercoord@anfr.fr (Services de Terre)  
TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
TELEFAX: +33 1 45 18 73 90 (Stations terriennes)

001	FORCES TERRESTRES	002	MARINE NATIONALE
003	OFFICE DES POSTES ET TELECOMMUNICATIONS	004	ADMINISTRATION DES P.T.T.
005	AVIATION CIVILE	006	DEFENSE NATIONALE
007	SERVICE METEOROLOGIQUE DES E.F.O., PAPEETE	008	HAUT COMMISSAIRE
009	SERVICE GEOGRAPHIQUE	010	CONSEIL SUPERIEUR DE L'AUDIOVISUEL
011	AERONAUTIQUE MILITAIRE FRANCAISE	012	LABORATOIRE DE GEOPHYSIQUE
013	PORT AUTONOME DE PAPEETE	014	SERVICE DES TRAVAUX PUBLICS ET DES MINES DE LA POLYNESIE FRANCAISE
015	ELECTRICITE DE TAHITI	016	GENDARMERIE NATIONALE
017	CENTRE NATIONAL D'ETUDES SPATIALES	019	ADMINISTRATION DES PORTS ET DE LA NAVIGATION MARITIME ET FLUVIALE

SECTION IV - Table 12A/12B

<b>OMA</b>	Oman
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**A** THE DIRECTOR OF INTERNATIONAL RELATIONS  
MINISTRY OF TRANSPORT AND COMMUNICATIONS  
P.O. BOX 338, RUWI  
MUSCAT (OMAN)  
TELEFAX: +968 24 685 510  
TELEX: 04985625 MIN PTT ON  
PHONE: +968 24 685 005

**B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

**001** UNITED KINGDOM GOVERNMENT  
**004** MINISTRY OF COMMUNICATIONS  
**009** GOVERNMENT OF OMAN  
**015** PRIVATE AGENCY

**002** GENERAL TELECOMMUNICATION ORGANISATION  
**007** PETROLEUM DEVELOPMENT OMAN  
**014** MINISTRY OF INFORMATION

<b>PAK</b>	Pakistan
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**A** DIRECTOR NATIONAL & INTERNATIONAL COORDINATION  
FREQUENCY ALLOCATIONS BOARD  
PLOT NO. 112, SECTOR H-10/4  
ISLAMABAD  
ISLAMIC REPUBLIC OF PAKISTAN  
TELEFAX: +92 51 9257586 / 9257571  
TELEX: 082 5823 / 24 DG IBA PK  
PHONE: +92 51 9257612

**B** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSİZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA,  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR

**C** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

**D** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696

**E** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

**F** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT

**G** DIRECTORATE GENERAL OF TELECOMMUNICATIONS  
MINISTRY OF PTT  
P.O. BOX 15875-4415  
15598 TEHERAN  
ISLAMIC REPUBLIC OF IRAN  
TELEX: 088212444 PTT IR

**001** DIRECTOR GENERAL, POSTS AND TELEGRAPHS  
**003** CIVIL AVIATION DIVISION

**002** GOVERNMENT OF PAKISTAN  
**004** KARACHI POLICE

## SECTION IV - Table 12A/12B

PAK	Pakistan		
005	SIND POLICE	006	BALUCHISTAN POLICE
007	NORTH WEST FRONTIER POLICE	008	PUNJAB POLICE
009	EAST BENGAL POLICE	010	NORTH WESTERN RAILWAYS
011	EASTERN BENGAL RAILWAY	012	EMBASSY OF THE REPUBLIC OF TURKEY
013	ROYAL PAKISTAN AIR FORCE	014	FOREIGN MISSION IN PAKISTAN
015	SUPERINTENDENT OF POLICE WIRELESS EAST BENGAL, DACCA	016	SWEDISH GOVERNMENT
017	SUPERINTENDENT OF POLICE TECHNICAL PUNJAB POLICE, LAHORE	018	DIRECTOR GENERAL RADIO, PAKISTAN, KARACHI
019	ELECTRICITY (HYDEL) DEPT., PUNJAB	020	I.G.P. KARACHI
021	D.G. RAILWAYS	022	UNITED NATIONS
023	SUI GAS TRANSMISSION CO., LTD.	024	TELEVISION DIRECTORATE, MINISTRY OF INFORMATION AND BROADCASTING
025	EMBASSY OF THE STATE OF KUWAIT	026	SUPARCO, KARACHI

PAQ	Easter Island		
A	SUBSECRETARIA DE TELECOMUNICACIONES MINISTERIO DE TRANSPORTES Y TELECOMUNICACIONES AMUNATEGUI 139 SANTIAGO DE CHILE TELEX: 034341156 SUBTEL CK TELEFAX: +56 2 6995138		
001	SERVICIO DE GOBIERNO	002	DIRECCION DEL TRANSITO AEREO (FUERZA AEREA DE CHILE)
003	NASA - CHILE	004	ENTEL CASILLA 4254
005	DIRECCION METEOROLOGICA DE CHILE		

PHL	Philippines		
A	COMMISSION ON INFORMATION AND COMMUNICATIONS TECHNOLOGY ROOM 125, G/F, CICT BUILDING CARLOS P. GARCIA AVENUE, DILIMAN 1101 QUEZON CITY PHILIPPINES TELEFAX: +632 726 7130 EMAIL: osec@cict.gov.ph		
B	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
001	ARMED FORCES OF THE PHILIPPINES	002	CIVIL AERONAUTICS ADMINISTRATION, MANILA
003	RCA COMMUNICATIONS, INC.	004	MANILA BROADCASTING CO., MANILA
005	GLOBE-MACKAY CABLE AND RADIO CORPORATION	006	UNITED PRESS ASSOCIATION
007	GLOBE WIRELESS LIMITED	008	FAR EAST BROADCASTING (PHILIPPINES)
009	CLAVECILLA RADIO SYSTEM	010	MARIANO ZAFRA, PASIG, RIZAL
011	PHILIPPINE PRESS WIRELESS, INC., MANILA	012	PHILIPPINE CONSTABULARY, QUEZON CITY
013	RADIO CONTROL DIVISION	014	FERNANDEZ HERMANOS, MANILA
015	PORFIRIO T. MAIK, MANDALUYONG, RIZAL	016	USIA
017	PHILIPPINES AIR LINES, INC. MANILA	018	J. AMADO ARANETA AND COMPANY
019	PHILIPPINE NAVAL PATROL	020	BUREAU OF PRISONS
021	BUREAU OF TELECOMMUNICATIONS	022	CALTEX, PHILIPPINES
023	DEPARTMENT OF STATE, WASHINGTON D.C. AND REPUBLIC OF THE PHILIPPINES, WASHINGTON D.C. AND MANILA	024	DEPARTMENT OF STATE, WASHINGTON D.C.
025	LORETO F. DE HEMEDES	026	REPUBLIC OF THE PHILIPPINES
027	MANILA RAILROAD COMPANY	028	VICENTE ARANETA
029	ENRIQUE OROZCO, MANILA	030	WEATHER BUREAU
031	PHILIPPINE LONG DISTANCE TELEPHONE CO.	032	RICE AND CORN PRODUCTION ADMINISTRATION
033	MANILA CHRONICLE PUBLICATIONS	034	BUREAU OF PUBLIC WORKS, MANILA
035	NATIONAL POWER CORPORATION	036	MARSCON, INCORPORATED



## SECTION IV - Table 12A/12B

PHL	Philippines		
037	ITOGON MINING COMPANY, BAGUIO, MT. PROVINCE	038	UNITED PARACALE MINING COMPANY
039	COMMERCIAL AIR LINES, INC.	040	GULF LUMBER COMPANY, INC.
041	J. V. BAGTAS, QUEZON CITY	042	SANTA CECILLA SAWMILLS, INC.
043	PHILIPPINE AIR FORCE, QUEZON CITY	044	AGVID CONSTRUCTION COMPANY
045	EMBASSY OF SINGAPORE	046	STANDARD COCONUT CORPORATION
047	CENTRAL AZUCARERA DEL NORTE C/O ELIZALDE AND CO.	048	FILIPINAS PIONEER
049	SAMAR MINING CO., C/O ELIZALDE AND CO.	050	LA CARLOTA SUGAR CENTRAL, C/O ELIZALDE AND CO.
051	ANAKAN LUMBER COMPANY C/O ELIZALDE AND CO.	052	ELIZALDE AND CO.INC., MAKATI, RIZAL
053	NORTH CAMARINES LUMBER COMPANY	054	ROSENO MAGLASANG, CEBU CY.
055	FRANCISCO RAVINA	056	ERMITA ELECTRONICS
057	PHILIPPINE NAVY, MANILA	058	PHILIPPINE BROADCASTING CORPORATION
059	SILLIMAN UNIVERSITY, DUMAGUETE CITY, NEGROS ORIENTAL	060	CEBU BROADCASTING COMPANY, CEBU CITY, CEBU
061	BUREAU OF COAST AND GEODETIC SURVEY	062	GOLDEN RIBBON LUMBER COMPANY
063	PHILIPPINE OIL DEVELOPMENT COMPANY	064	BINALBAGAN-ISABELA SUGAR CO. INC.
065	ACOJE MINING COMPANY	066	LUZON STEVEDORING COMPANY, MANILA
067	LEGASPI OIL CO., INC.	068	LIBERTY BCTG. NETWORK, BACOR, CAVITE
069	HIJOS DE F. ESCANO INC, CEBU CY.	070	INTERNATIONAL BROADCASTING DIVISION, UNITED STATES DEPARTMENT OF STATE, U.S. EMBASSY, MANILA
071	BOLINAO ELECTRONICS CORPORATION	072	CENTRAL AZUCARERA DEL DANA, ESCALANTE, OCC. NEGROS.
073	FRIEDER AND SONS AND CANTILLAN LUMBER COMPANY	074	SAN MIGUEL BREWERY
075	LASEDECO	076	CEBU PORTLAND CEMENT COMPANY
077	BUREAU OF FISHERIES	078	MARIO LIZARES, BACOLOD CITY, NEGROS OCCIDENTAL
079	FRANCISCO P. CERVANTES	080	DEPARTMENT OF NATIONAL DEFENCE
081	LAS ARENAS	082	DOLE PHIL.
083	FREEDOM BROADCASTING	084	UNIVERSITY OF THE PHILIPPINES, QUEZON CITY
085	MANILA TIMES PUBLISHING CO., MANILA	086	PANIKUI SUGAR MILLS
087	SEGUNDO LUSTRE JR., S. DELMONTE, BULACAN	088	MISAMIS RICE AND CORN CORPORATION
089	MINDANAO COLLEGES	090	G. PUYAT AND SONS INCS.
091	RADIOWEALTH INC.	092	EASEL AND COMPANY
093	TEODORO P. ALBERTO	094	TEODORO ROMASANTA INC, MANILA
095	BUREAU OF QUARANTINE SERVICE	096	VOICE OF AMERICA, UNITED STATES, STATE DEPARTMENT
097	UNIVERSAL TELECOMMUNICATIONS SERVICE, BULACAN, BULACAN	098	METROPOLITAN WATER DISTRICT
099	ASSOCIATED STEAMSHIP LINES	100	MARINDUQUE MINING AND INDUSTRIAL CORPORATION
101	NEW TRIBES MISSION OF THE PHILIPPINES	102	U.S. GOVERNMENT
103	NORTHERN BCTG. CO.	104	CARLOS A. CO. THONG AND CO.
105	(INK) IGLESIA NI KRISTO	106	MISSIONARY AVIATION FELLOWSHIP
108	BUTUAN LOGS INC.	109	HERCULES LUMBER
111	U.S. AIR FORCE	112	PROGRESSIVE BUSINESS INSTITUTE
113	ATENEO DE CAGAYAN	114	CENTRAL RADIO AND ELECTRONICS SCHOOL
115	AMERICAN RADIO SCHOOL	116	ABELLANA TECHNICAL HIGH SCHOOL
117	CEBU INSTITUTE OF TECHNOLOGY	118	CEBU POLYTECHNIC SCHOOL
119	CEBU TECHNICAL SCHOOL	120	NATIONAL RADIO SCHOOL AND INSTITUTE OF TECHNOLOGY
121	CENTRAL RADIO ELECTRONICS	122	SOUTHERN INSTITUTE OF RADIO AND ELECTRONICS
123	METROPOLITAN INSTITUTE OF TECHNOLOGY	124	CENTRAL INSTITUTE OF TECHNOLOGY
125	FEATI INSTITUTE OF TECHNOLOGY	126	GENERAL INSTITUTE OF TECHNOLOGY
127	GUZMAN INSTITUTE OF TECHNOLOGY	128	INSTITUTE OF RADIO ELECTRONICS
129	REPUBLIC RADIO ELECTRONICS INSTITUTE	130	RADIO TRAINING INSTITUTE
131	HENRY CANOY	133	MARIA CRISTINA CHEMICAL INDS.
134	LAND SETTLEMENT DEVELOPMENT CO.	136	BARTOLOME SAN DIEGO
137	FELIX ALBERTO, MANDALUYONG, RIZAL	138	GOLEDA
139	SAN MAURICIO MINING CO., INC	140	MARBLE CORPORATION OF THE PHILIPPINES
141	SEGUNDO SANTOS	143	MA-AO SUGAR CENTRAL CO.INC., BACOLOD CY.
144	MARTHA ENTERPRISES, INC.	145	PHIL. PACKING CORP.
147	BASILAN LUMBER	148	A. J. WILLS
149	ANG. TIBAY, INC.	150	PHILIPPINE NATIONAL RED CROSS
151	MARIANO LACSON	152	METROPOLITAN BROADCASTING CO.
154	NATIONAL TEACHERS COLLEGE	155	JORGE J. TIRADOR
156	KENRAM (PHIL) INC.	159	MONSERRAT BROADCASTING SYSTEM
160	CITY ENGINEER, MANILA	161	LAPU-LAPU BROADCASTING CO. INC.
162	NOTRE DAME BROADCASTING CORP.	163	NORTH LUZON MAHOGANY EXPORT INC.

## SECTION IV - Table 12A/12B

PHL	Philippines		
164	EDUARDO LOPEZ	165	PUTIONAY DEV. CO. INC.
166	BELLO M. CASANOVA	167	ATLAS CONSOLIDATED MINING AND DEVELOPMENT CORPORATION
168	MARSMAN AND CO., INC.	169	WESTERN CAGAYAN LUMBER CO. INC.
170	LIWAYWAY PUBLICATIONS, INC.	171	HONORIO REYES
172	BALDOMERO A. DAVID, NAVOTAS, RIZAL	173	ELISEO LEMI AND CO.
175	BUREAU OF CUSTOM	177	GAUDENCIO S. MANALAC
178	JOSEPH DE CASTRO	179	RADIO COMMUNICATIONS OF THE PHILIPPINES
181	ZOILO E. MASCULINO	182	RICARDO P. OCAMPO
183	H. R. LOPEZ	184	CESAR T. MAKAPUGAY, QUEZON CY.
185	INTERNATIONAL COMM. CORP.	186	FORTUNATO S. REGALADO
188	PHILIPPINE IRON MINES INC.	189	BACNOTAN CEMENT INDUSTRIES
190	PLYWOOD INDUSTRIES INC.	192	MAINIT LUMBER AND DEVELOPMENT CO.
193	TARLAC DEVELOPMENT CO.	194	CIVIL DEFENCE ADMINISTRATION
195	ESSEL, INC.	196	CENTRAL PHILIPPINES BC COMPANY
198	OCEANIC WIRELESS NETWORK, INC.	199	PACIFIC BROADCASTING SYSTEM, INC.
200	A. L. AMMEN	201	SALT INDUSTRIES
202	DEMOCRITO O. PLAZA	203	ALFREDO NER
204	AGUINALDO DEVELOPMENT CO.	205	COMPANIA MARITIMA
207	SAN JOSE OIL CO., INC.	208	TAGUM AGRICULTURAL DEVELOPMENT CO., INC.
209	L. S. SARMIENTO AND CO., INC.	210	WESTERN MINDANAO LUMBER CO., INC.
211	MANILA YELLOW TAXI, INC.	212	JORGE D. BAYONA
213	SARANGANI CATTLE CO., INC.	214	ARAS-ASAN TIMBER CO., INC.
215	BUENO VALERIANO	216	RADIO PHILIPPINES NETWORK INC.
217	COTTAGE DEVELOPMENT CORPORATION	219	PHILIPPINES WIRELESS INC.
220	NATIONAL FEDERATION OF SUGAR	221	BENJAMIN ROMUALDEZ
222	ALLIED BROADCASTING CENTER	223	FILIPINAS BROADCASTING NETWORK, INCORPORATED
224	CHRONICLE BROADCASTING NETWORK	225	NATIONAL COUNCIL OF CHURCHES
226	ASSOCIATED BCTG. CORP.	227	BLINAC ELECTRONICS CORP. ALTO BCTG. SYSTEM CHRONICLE BROADCASTING NETWORK (ABS/CBN)
228	ZOILO DEJARESCO JR	229	SUSANO MAXILOM
230	MARCELO VILLABA	231	L.N. AGUSTIN FARMS
232	CATHOLIC WELFARE ORG.	233	RADIO MINDANAO NETWORK
234	PEDRO ROA	235	BAYANIHAN BROADCASTING CORP.
236	EAGLE BCTG. CORP.	237	BULLETIN RADIO NETWORK
238	ADELEIDA ZARAGOSA, MANDALUYONG, RIZAL	239	VISAYAS MINDANAO CONFEDERATION OF TRADE UNIONS
240	MANILA BANKING CORP.	241	HERNIE BALDO
242	MAGUGPO AGRI. DEV. CORP.	243	FAR EAST BUSINESS ENT.
244	LEPANTO CONSOLIDATED MINING CO.	245	LUNA TIMBER CO.
246	TELEMARINE CO.	247	MICROWAVE COMMUNICATION SYSTEM
248	KAYUMANGI RADIO NETWORK	249	R.C.P.I.
250	CELIA FISHING CORP., NAVOTAS, RIZAL	251	EUSEBIO SHIPPING LINES, CEBU
252	PHILIPPINES FISHERIES COMMISSION, MANILA	253	PHIL. COAST AND GEODETIC SURVEY, MANILA
254	PHILIPPINE PRESIDENT LINES INC., MANILA	255	RJL MARTINEZ FISHING CORP., MALABON RIZAL
256	FRABAL FISHING INDUSTRIES, MANILA	257	FELIX ALBERTO AND CO. INC., BACOR, CAVITE
258	HERNIE E. BALDO, NOVALICHES, RIZAL	259	PHIL GLOBAL COMMS. INC., BALAGTAS, BULACAN
260	TEODORO ALBERTO, ANTIPOLLO, RIZAL	261	ROBERTO GAYA, MANILA
262	GLOBE-MACKAY, LAS PINAS, RIZAL	263	AMADO L. OLA, DAVAO CY.
264	MALAYAN TOWAGE AND SALVAGE CORP., MAKATI, RIZAL	265	GIL L. MATIAS, VALENZUELA, BULACAN
266	STANDARD (PHLIS) FRUIT CORP., DAVAO CY.	267	CARLOS GO THONG AND CO, CEBU CY.
268	TOP SERVICE INC., MANILA	269	NORTHERN LINES INC., MANILA
270	ABOITIZ SHIPPING CORP., NO HARBOR MANILA	271	MENFISHCO INC., MANILA
272	SEVEN BROTHERS SHIPPING CORP., MAKATI, RIZAL	273	SEA GEMS FISHING CORP., QUEZON CY.
274	VICTORIAS MILLING CO. INC., VICTORIAS, NEG. OCC.	275	BALDOMERO A. DAVID, NAVOTAS, RIZAL
276	MARTIMAN AND CO. INC., MALABON, RIZAL	277	DOMESTIC SATELLITE PHL. INC, MADRIGAL BDG. AYALA AVE., MAKATI
278	METROPOLITAN BANK AND TRUST CO.	279	PACKAGING STANDARD, PHL, INC.
280	S CLARA LUMBER, INC.	281	TOMAS SANTIAGO
282	DESIDERIO DALISAY INVESTMENT INC.	283	COTABATO VISAYAN DEV. CORP.
284	ALTA TEIRRA RESOURCES	285	ELENA CO. HARDWARE
286	NICANOR B. AVES	287	ASSOCIATED AGR ACTIV. INC.
288	RICSAN DEV. CORP.	289	ACOJE MINING CO. INC.
290	ALLIED BANKING CORP.	291	EASTERN TELECOMS PHILIPPINES, INC.

## SECTION IV - Table 12A/12B

<b>PHL</b>	Philippines
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292	CAPITOL WIRELESS	293	CAGAYAN RICE CENTER.
294	NEW TRIBES MISSION.	295	TAGRUM AGRI. DEV.
296	PHIL. PACKING CORP.	297	U.S.N.
298	AG. AND P.	299	FORTUNE EXPRESS
300	CABRERA INDUSTRIES	301	TALAHAG TIMBER
302	EMBASSY OF AUSTRALIA	303	EMBASSY OF MALAYSIA
304	EMBASSY OF JAPAN	305	PHILIPPINE AGILA SATELLITE, INC.
306	DOST - ADVANCE SCIENCE AND TECHNOLOGY INSTITUTE		

<b>PHX</b>	Phoenix Islands
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**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

<b>PLM</b>	Palmyra Island
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**A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION: MR. RICHARD B. ENGELMAN  
2000 M STREET  
ROOM 868, STOP CODE #0800C  
WASHINGTON DC 20554 / UNITED STATES OF AMERICA  
TELEFAX: +1 202 418 1208 / 0398  
TELEX: 025 VIA TWX 7108220160

**B** DEPARTMENT OF STATE  
WASHINGTON D.C. 20520

<b>PLW</b>	Palau (Rep. of)
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**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

<b>PNG</b>	Papua New Guinea
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**A** THE CHIEF EXECUTIVE OFFICER  
NATIONAL INFORMATION AND COMMUNICATIONS  
TECHNOLOGY AUTHORITY (NICTA)  
FRANGIPANI STREET, HOHOLA  
P.O. BOX 8444  
BOROKO, NATIONAL CAPITAL DISTRICT  
PAPUA NEW GUINEA  
TELEFAX: +675 325 6868 /300 4829  
EMAIL: licensing@nicta.gov.pg

001	PAPUA NEW GUINEA DEFENCE FORCE	002	POST AND TELECOMMUNICATION CORP. TELECOMMUNICATION OPERATIONS DEPARTMENT
003	POST AND TELECOMMUNICATION CORPORATION	004	NATIONAL BROADCASTING COMMISSION
006	DEPARTMENT OF CIVIL AVIATION	007	PAPUA NEW GUINEA HARBOURS BOARD
008	ROYAL PAPUA NEW GUINEA CONSTABULARY	009	POST AND TELECOMMUNICATION BOARD (SATELLITE SYSTEMS)
010	OTHERS NOT SHOWN ON ABOVE (B) LIST	011	NATIONAL INFORMATION AND COMMUNICATIONS TECHNOLOGY AUTHORITY (NICTA)
012	OMNISPACE LLC	013	ABS GLOBAL LIMITED

## SECTION IV - Table 12A/12B

PNR	Panama
<b>A</b>	INSTITUTO NACIONAL DE TELECOMUNICACIONES GERENCIA EJECUTIVA INTERNACIONAL APARTADO POSTAL 9A-659 PANAMA 9A PANAMA TELEFAX: +507 278 4600 / 4576 TELEX: 03792666 INTELGEI PG PHONE: +507 278 4500
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520
001	TROPICAL RADIO TEL. CO. BOSTON, MASSACHUSETTS
003	FINCA SAN ANTONIO
005	CADENA PANAMENA DE RADIODIFUSION
007	RADIO CENTENARIO
009	RADIODIFUSION MARAMAR
011	RADIO PANAMERICANA
013	RUBEN D. SAMUDIO Y MANUEL RAMON GUERRA
015	ONDA POPULAR, PANAMA
017	LA VOZ DEL BARU
019	LA VOZ DE PANAMA
021	VICTOR F. MIRANDA
023	CIA. PANAMENA DE ACEITES S.A.
025	LA RADIO NACIONAL
027	ALONSO M. DIAZ
029	RADIO ATLANTICO
031	RADIO SELECTA
033	LA VOZ DE LA VICTOR
035	LA VOZ DEL TROPICO
037	GOBIERNO NACIONAL
039	CLUB DE PESCA
041	REFINERIA PANAMA
044	CORPORACION PAN. DE RADIODIFUSION
046	CADENA UNIVERSAL
048	LA VOZ DE ANCON
050	RADIO UNIVERSAL
052	CIA. PETROLERA DE CALIFORNIA
054	AGENCIAS DE CABOTAJE, S.A. PANAMA
056	CIA. AGRICOLA PATINO S.A.
058	A.D. ABADIA Y CIA.
060	PANAMA AGENCIES CO.
062	GILBERTO G. DE ARCO
064	CIA. ECUATORIANA DE AVIACION S.A.
066	BOHANNON, S.A.
068	CIA. DE MARISCOS ISLAS PERLAS, S.A.
070	ABASTECEDORA INTERNACIONAL, S.A.
073	COMPANIA DE HELADOS SUAVEL
075	MISION BAUTISTA DE SAN BLAS
077	PESCADORES UNIDOS S.A.
079	RADIO MIA
081	EMPRESAS ELECTRICAS DE CHIRIQUI
083	COMPANIA PAN. DE FUERZA Y LUZ
085	TRANSPORTES AEREOS SANTENOS
087	PAN AMERICAN WORLD AIRWAYS
089	JUAN B. ARIAS
091	RADIO VARIEDADES
093	RADIO REFORMA
095	RADIO RELOS DE DAVID
097	TELEVISORA NACIONAL S.A.
099	CAPRINJA S.A.
101	FRANK MARSHALL
103	U.S. GOVERNMENT
002	AEROPUERTO NAL., TOCUMEN GOBIERNO NACIONAL
004	CIRCUITO RPC, COLON
006	EMPRESAS PANAMENAS DE CURTIDOS, S.A.
008	CONCRETO, S.A.
010	LA VOZ DEL ISTMO
012	NELLO L. TEER CO. CENTRAL AMERICA
014	ALMACENES ROMERO, DAVID
016	RADIO LEBLANC
018	COROZAL
020	RADIO PROVINCIAS
022	ONDAS ISTMENAS
024	RADIO EL MUNDO
026	LA VOZ DEL VIGIA
028	UNION TABLENA
030	ONDAS CENTRALES
032	LA INDEPENDIENTE
034	MADERAS DEIR
036	ALMACEN LA COMPETENCIA S.A.
038	LA VOZ DEL PUEBLO
040	EL MADERERO
043	RADIO HOGAR
045	RADIO MUSICAL
047	RADIO ZARATI
049	RADIO LA TRIBUNA
051	CIA. AZUCARERA "LA ESTRELLA", S.A.
053	THE TEXAS CO. PANAMA, INC.
055	ELECTRONICO BALBOA S.A.
057	MINISTERIO DE OBRAS PUBLICAS, (CAMINOS AEROPUERTOS Y MUELLES), PANAMA
059	SUB-COMITE DEL CARIEN, PANAMA (INGENIERO TOMAS GUARDIA)
061	CORRUGADO S.A.
063	PROMARINA S.A.
065	CONSTRUCTORA DEL PACIFICO, S.A.
067	CORREOS Y TELECOMUNICACIONES, REPUBLICA DE PANAMA
069	BRANIFF AIRWAYS INC.
071	COMPANIA ATUNERA, S.A.
074	AGENCIAS COFFER
076	ABASTECEDORA SIETE MARES S.A.
078	AUTORIDAD PORTUARIA NACIONAL
080	RADIO CULTURA, CONCEPCION
082	WESTREX CARIBBEAN CO.
084	CUERPO DE BOMBEROS DE PANAMA
086	COOPERATIVA PESQUERA, S.A.
088	DISPENSARIO ANTITUBERCULOSO
090	HPTL NICOLAS SOLANO
092	LEOPOLDO ROBLES
094	RADIO GUADALUPE
096	RADIO AEROPUERTO
098	CAJA DEL SEGURO SOCIAL
100	INTERCOMSA, S.A.
102	INSTITUTO NACIONAL DE TELECOMUNICACIONES

## SECTION IV - Table 12A/12B

POL	Poland		
<b>A</b>	OFFICE OF ELETRONIC COMMUNICATIONS 18/20 KASPRZAKA STREET 01-211 WARSAW REPUBLIC OF POLAND TELEFAX: +48 22 53 49 155 PHONE: +48 22 53 49 156 EMAIL: a.strezynska@uke.gov.pl		
001	GLOWNY INSPEKTORAT LOTNICTWA CYWILNEGO	002	POLSKIE RADIO S.A.
003	POLSKIE KOLEJE PANSTWOWE	004	ZARZAD PORTU SZCZECIN-SWINOUJSCIE
005	UNIwersytet MIKOLAJA KOPERNIKA, TORUN	006	INSTYTUT METEOROLOGII I GOSPODARKI WODNEJ
007	STOCZNIA GDYNIA S.A.	008	TELEKOMUNIKACJA POLSKA S.A.
009	RADIO RMF-FM	010	AEROKLUB WARSZAWSKI
011	AMBASSADE DE FRANCE, VARSOVIE	012	POLSKA AGENCJA PRASOWA
013	MINISTERSTWO ZDROWIA I OPIEKI SPOLECZNEJ	014	AEROKLUB POLSKI
015	CENTRALNY URZAD GEOLOGII	016	AMBASSADE D'ALGERIE, VARSOVIE
017	POLSKIE TOWARZYSTWO TURYSTYCZNO-KRAJOZNAWCE	018	GORSKIE OCHOTNICZE POGOTOWIE RATUNKOWE
019	ZWIAZEK HARCERSTWA POLSKIEGO	020	MINISTERSTWO ROLNICTWA I GOSPODARKI ZYWOSCIOWEJ
021	MINISTERSTWO SPRAWIEDLIWOSCI	022	POLITECHNIKA WARSZAWSKA
023	REUTERS	024	PANSTWOWA KOMUNIKACJA SAMOCHODOWA
025	MINISTERSTWO OCHRONY SRODOWISKA, ZASOBOW NATURALNYCH I LESNICTWA	026	MINISTERSTWO PRZEMYSLU I HANDLU
027	TELEWIZJA POLSKA S.A.	028	INSTYTUT LOTNICTWA
029	MINISTERSTWO TRANSPORTU I GOSPODARKI MORSKIEJ	030	AMERICAN EMBASSY, WARSAW
031	AMBASSADE DU CANADA, VARSOVIE	032	ODGW, SZCZECIN
033	RADIO OKO, OSTROLEKA	034	MINISTERSTWO WSPOLPRACY GOSPODARCZEJ Z ZAGRANICA
035	MINISTERSTWO KULTURY I SZTUKI	036	URZAD KULTURY FIZYCZNEJ I TURYSTYKI
037	INSTYTUT BADAN JADROWYCH	038	P.P. "RUCH"
039	PORT LOTNICZY WROCLAW SA	040	MINISTERSTWO EDUKACJI NARODOWEJ
041	MINISTERSTWO GOSPODARKI PRZESTRZENNEJ I BUDOWNICTWA	042	INSTYTUT TELE- I RADIOTECHNICZNY
043	MORSKA OBSLUGA RADIOWA STATKOW	044	POLSKIE LINIE LOTNICZE "LOT"
045	POLSKA AKADEMIA NAUK	046	AMBASCIATA D'ITALIA, VARSAVIA
047	INSTYTUT LACZNOSCI	048	DELTA AIR LINES
049	AMWAY	050	SUOMEN SUURLAHEHYSTOE, VARSOVA
051	CENTRALNY ZESPOL LOTNICTWA SANITARNEGO	052	WSK PZL "MIELEC"
053	PPIUR "KUTER", DARLOWO	054	PPIUR "KORAB", USTKA
055	PPIUR "BARKA", KOLOBRZEG	056	SPRM "BELONA", DZIWNOW
057	URZAD MORSKI W SLUPSKU	058	URZAD MORSKI W SZCZECINIE
059	POLSAT	060	PPIUR "KOGA", HEL
061	URZAD MORSKI W GDYNI	062	AMINO S.A.
063	POLSKIE RATOWNICTWO OKRETOWE	064	PPIUR "SZKUNER", WLADYSLAWOWO
065	POLSKI ZWIAZEK KROTKOFALOWCOW	066	POLSKI ZWIAZEK ALPINIZMU
067	UNIwersytet WROCLAWSKI	068	MINISTERSTWO SPRAW ZAGRANICZNYCH
069	PPDIUR "ODRA", SWINOUJSCIE	070	SUN MICROSYSTEMS AMERSFOORT
071	PRZEDSIEBIORSTWO ROBOT CZERPALNYCH I PODWODNYCH	072	AEROKLUB OSTROWSKI
073	SPRM "BALTYK", KOLOBRZEG	074	ODRATRANS S.A.
075	AEROKLUB BIELSKO-BIALSKI	076	GLOWNY URZAD CEL
077	AEROKLUB SLUPSKI	078	INSTYTUT BUDOWNICTWA WODNEGO PAN, GDANSK
079	AKADEMIA GORNICZO-HUTNICZA, KRAKOW	080	INSTYTUT AUTOMATYKI SYSTEMOW ENERGETYCZNYCH, WROCLAW
081	PRZEDSIEBIORSTWO USLUG LOTNICZYCH	082	AKADEMIA WYCHOWANIA FIZYCZNEGO, POZANAN
083	INSTYTUT MECHANIZACJI BUDOWNICTWA	084	AEROKLUB MIELECKI
085	RADIO KOLOR, WARSZAWA	086	ZPT "ORBIS"
087	AEROKLUB ELBLASKI	088	BRITISH AIRWAYS
089	S.I.T.A.	090	AKADEMIA MEDYCZNA, GDANSK
091	KEDUTAAN BESAH REPUBLIK INDONESIA, WARSZAWA	092	RADIO MARYJA
093	ZBE "METEKON", KATOWICE	094	KOMBINAT GEOLOGICZNY "POLNOC"
095	KONINKLIJKE LUCHTVAART MAATSCHAPPIJ N.V.	096	PBNIG "NAFTOGAZOBUDOWA"
097	CENTRALNE OBSERWATORIUM GEOFIZYCZNE PAN	098	SZKOLA GLOWNA GOSPODARSTWA WIEJSKIEGO
099	UNIwersytet GDANSKI	100	INSTYTUT BIOLOGII DOSWIADCZALNEJ PAN
101	POLITECHNIKA SLASKA, GLIWICE	102	WYZSZA SZKOLA EKONOMICZNA, POZANAN
103	SAD APPLE COMPUTER INC.	104	POLITECHNIKA SZCZECINSKA

## SECTION IV - Table 12A/12B

POL	Poland		
105	RADIO RAZEM, WARSZAWA	106	PANSTWOWY SZPITAL KLINICZNY NR.3, GDANSK
107	INSTYTUT GEOFIZYKI PAN	108	BOTSCHAFT DER BUNDESREPUBLIK DEUTSCHLAND, WARSZAWA
109	AUSTRIAN AIRLINES	110	PRZEDSIEBIORSTWO POSZUKIWAN NAFTY I GAZU
111	RCI "PESEL"	112	ZARZAD ZAMKU KROLEWSKIEGO W WARSZAWIE
113	CENTRUM MEDYCZYNY DOSWIADCZALNEJ I KLINICZNEJ PAN	114	POLITECHNIKA WROCLAWSKA
115	P.P. PORTY LOTNICZE	116	C N P S L
117	DEUTSCHE LUFTHANSA A.G.	118	PBOUP "BUDOPOL"
119	KGHM "POLSKA MIEDZ", LUBIN	120	ZEGLUGA SZCZECINSKA
121	STOCZNIA GDANSKA	122	GDANSKA STOCZNIA REMONTOWA IM. J. PILSUDSKIEGO
123	STOCZNIA REMONTOWA "NAUTA", GDYNIA	124	SZCZECINSKA STOCZNIA REMONTOWA "GRYFIA"
125	STOCZNIA POLNOCNA IM. BOHATEROW WESTERPLATTE, GDYNIA	126	STOCZNIA SZCZECINSKA S.A.
127	AMBASADA FR JUGOSLAVIJE, VARSAVA	128	EMBASSY OF NIGERIA, WARSAW .
129	RADIO ZIEMI WIELUNSKIEJ	130	MAGYAR KOZTARSASAG NAGYKOVETSEGE, VARSO
131	WYZSZA SZKOLA MORSKA, GDYNIA	132	AMBASADA CHINSKIEJ REPUBLIKI LUDOWEJ, WARSZAWA
133	AEROKLUB LUBELSKI	134	AMBASSADE DE SUISSE, VARSOVIE
135	TURKIYE BUYUKELCILIGI, WARSZAWA	136	VELVYSLANECTVI CESKE REPUBLIKY, VARSAVA
137	AMBASADA FEDERACJI ROSYJSKIEJ, WARSZAWA	138	P.P.E.Z.R.G "PETROBALTIC"
139	AMBASSADE VAN HET KONINKRIJK DER NEDERLANDEN, WARSZAWA	140	AMBASSADE DE LA REPUBLIQUE DE BULGARIE, VARSOVIE
141	AMBASADA SR WIETNAMU, WARSZAWA	142	KUNGLIGA SVENSKA AMBASSADEN, WARSZAWA
143	OESTERREICHISCHE BOTSCHAFT, WARSZAWA	144	KGL NORSK AMBASSADE, WARSZAWA
145	BRITISH EMBASSY, WARSAW	146	SIEMENS-NIXDORF
147	UNIVERSYTET WARSZAWSKI	148	EMBASSY OF THE REPUBLIC OF SOUTH AFRICA, WARSZAWA
149	MORSKA AGENCJA, GDYNIA	150	ABB
151	RZGW, WROCLAW	152	RADIO ZET
153	CANAL PLUS	154	RADIO "LAN", PROSZOWICE
155	RADIO WAWA	156	RADIO PLUS, GDANSK
157	KATOLICKIE RADIO PODLASIA	158	RADIO CENTRUM, KALISZ
159	RADIO GO, GORZOW WIELKOPOLSKI	160	RADIO ALEX, ZAKOPANE
161	RADIO CENTRUM, LUBLIN	162	POLSKA ZEGLUGA BALTYCKA
163	RADIO KLEKS, BIELSKO-BIALA	164	POLSKA ZEGLUGA MORSKA
165	RADIO POMOZE, BYDGOSZCZ	166	RADIO WEEKEND, CHOJNICE
167	RADIO INOWROCLAW	168	CITY RADIO, CZESTOCHOWA
169	RADIO ARNET, GDANSK	170	RADIO SUD, KEPNO
171	RADIO JAROCIN	172	RADIO LETA, WODZISLAW SLASKI
173	RADIO PLESINO, PSZCZYNA	174	RADIO VANESSA, RACIBORZ
175	RADIO REJA, SZCZECINEK	176	RADIO POLNOC, KOSZALIN
177	RADIO KOLOBRZEG	178	RADIO ALFA, WEGRZCZE
179	RADIO LEGNICA	180	RADIO ELKA, GOSTYN
181	RADIO PARK, KEDZIERZYN	182	RADIO PRO KOLOR, OPOLE
183	RADIO PIOTRKOW	184	RADIO WINOGRADY, POZNAN
185	RADIO 100, POZNAN	186	RADIO AFERA, POZNAN
187	RADIO S, POZNAN	188	RADIO PULS, PLOCK
189	RADIO REKORD FM, RADOM	190	RADIO 5, SUWALKI
191	RADIO KORMORAN, WEGORZEWO	192	RADIO VIGOR FM, SLUPSK
193	RADIO CITY, SLUPSK	194	RADIO KIKS, LODZ
195	ZEGLUGA BYDGOSKA	196	RADIO SUDETY, DZIERZONIOW
197	RADIO CLASSIC, LODZ	199	RADIO DELTA, BIELSKO-BIALA
200	RADIO PM, KWIDZYN	201	RADIO EMISJA, KATOWICE
202	SBB RODLO, BYTOM	203	RADIO DARLOWO
204	RADIO AKADEMICKIE KRAKOW	205	ART-PRESS, LUBLIN
206	RADIO WIBOR, NOWY SACZ	207	RADIO WA-MA, OLSZTYN
208	RADIO BOSS, PLOCK	209	RADIO HIT-FM, MIELEC
210	RADIO GOLENIOW	211	POMORSKA STACJA RADIOWA
212	RADIO ABC, SZCZECIN	213	RADIO OPATOW
214	RADIO REGIONALNE LELIWA, TARNOBRZEG	215	RADIO GRA, TORUN
216	RADIO TORUN	217	BRW MODOX, WALBRZYCH
218	RADIO MAZOWSZE, LOMIANKI	219	KATOLICKIE RADIO JOZEF, WARSZAWA
220	RADIO 44, SWINOUJSCIE	221	RADIO LEBORK
222	RADIO ILAWA	223	RADIO RADOM
224	POLSKIE RADIO POMORZA I KUJAW S.A.	225	RADIO FAMA, KIELCE
226	RADIO BIALYSTOK S.A.	227	RADIO GAGA, BELCHATOW
228	RADIO KATOWICE S.A.	229	RADIO LUBLIN S.A.
230	RADIO GDANSK S.A.	231	RADIO FAMA, OPOLE

## SECTION IV - Table 12A/12B

POL	Poland
232	RADIO KRAKOW S.A.
234	RADIO KATOLICKIE, ZBROSZA DUZA
236	RADIO MERKURY S.A.
238	GER-POL SHIPPING FORWARDING CO. LTD.
240	MORSKA AGENCJA, SZCZECIN
242	RADIO RZESZOW S.A.
244	STUDENCKIE RADIO RZESZOW
246	RADIO BIS, BIALYSTOK
248	RADIO VOX, BYDGOSZCZ
250	RADIO FON, CZESTOCHOWA
252	RADIO ESKA NORD, GDYNIA
254	RADIO FLASH, ZABRZE
256	RADIO REZONANS, SOSNOWIEC
258	RADIO BLUE, GDOW
260	RADIO PULS, LUBLIN
262	RADIO O'LE, OPOLE
264	RADIO RMI, POZNAN
266	RADIO PLAMA, SZCZECIN
268	RADIO OBYWATELSKIE POZNAN
270	RADIO HARCOWKA, WALBRZYCH
272	PORT RYBACKI "GRYF", SZCZECIN
274	RADIO WLOCLAWEK
276	RADIO DLA CIEBIE, S.A.
278	RADIO AKADERA, BIALYSTOK
280	RADIO KOLOR, WROCLAW
282	RADIO NIEPOKALANOW
284	RADIO KATOLICKIE DIECEZJI KALISKIEJ
286	RADIO AVE MARYJA, PRZEMYSL
288	LOWICKIE RADIO KATOLICKIE
290	RADIO ZACHOD S.A.
292	RADIO OPOLE S.A.
294	KATOLICKIE RADIO RODZINA, WROCLAW
296	PIRS, SWINOUJSCIE
298	KATOLICKIE RADIO "AS", SZCZECIN
300	TECHMARIN, SWINOUJSCIE
302	RADWAR, WARSZAWA
304	ZEGLUGA SWINOUJSKA
306	TRAMP SERVICE, SZCZECIN
308	STOCZNIA PAPNICA, SZCZECIN
310	UNITY LINE, SZCZECIN
312	WOLMAR, SZCZECIN
314	RADIO DOBRA NOWINA, TARNOW
316	MORSKI PORT HANDLOWY S.A.
318	POLSKIE LINIE OCEANICZNE, GDYNIA
320	STOCZNIA MARYNARKI WOJENNEJ, GDYNIA
322	BALTIC MARINE SURVEYORS, GDYNIA
324	MARINE CONSULTANTS, GDYNIA
326	PUPM GDANSK
328	PHU SEA-COMERCE, GDYNIA
330	ZRUO MERCO, GDYNIA
332	PUM GDANSK-PILOT
334	PUM UNIPOL, GDYNIA
336	PBP ENAMOR, GDYNIA
338	GSS, GDYNIA
340	POMORSZY MAKLERZY OKRETOWI
342	BALTIC SHIP-HANDLING SERVICES, GDYNIA
344	NAFTOPOINT, GDYNIA
346	BALTIC CONTAINER LINES, GDYNIA
348	STOCZNIA USTKA
350	P.U.P BASEN GORNICZY, GDANSK
353	HYDROBUDOWA S.A., GDANSK
356	RENTRANS CARGO C, SZCZECIN
358	ODRAPORT, SWINOUJSCIE
360	PHZ BALTONA S.A.
362	ENERGOPOL SA, SZCZECIN
364	BALTUS, SZCZECIN
366	KOSIOR SHIPPING COMPANY, SZCZECIN
368	CMIPOLBROK, GDYNIA
370	BALTYCKI TERMINAL ZBOZOWY, GDYNIA
372	PORT WISLANY GDANSK
374	WOG, GDYNIA
377	FHU "FLORIAN" GDANSK
379	MTMG, GDYNIA
233	RADIO OLSZTYN S.A.
235	SZCZECIN-PILOT
237	RADIO FAMA, SOCHACZEW
239	RADIO LODZ S.A.
241	RADIO SOPOT
243	CARGO SERVICE, SZCZECIN
245	WYZSZA SZKOLA MORSKA, SZCZECIN
247	SZCZECIN RHENUS
249	P.B.H. "ODRA-3", SZCZECIN
251	RADIO EL, ELBLAG
253	RADIO MRFM
255	RADIO TOP, KATOWICE
257	RADIO KONIN
259	KATOLICKIE RADIO LEGNICA
261	STACJA OLSZTYN
263	RADIO PILA
265	STACJA RADOM
267	RADIO TARNOW
269	RADIO ESKA, WARSZAWA
271	RADIO KLAKSON, WROCLAW
273	RADIO LAS VEGAS, RACIAZEK
275	RADIO MANHATTAN, LODZ
277	RADIO WROCLAW, S.A.
279	EUROAFRYKA SZCZECIN
281	RADIO EL, BYDGOSZCZ
283	ARCHIDIECEZJALNA ROZGLOSNIARADIODWA, POZNAN
285	RADIO PLUS, GLIWICE
287	RADIO DIECEZJI RZESZOWSKIEJ
289	RADIO SZCZECIN S.A.
291	KATOLICKIE RADIO PLOCK
293	RADIO KOSZALIN S.A.
295	MORSKA STOCZNIA REMONTOWA S.A., SWINOUJSCIE
297	DIECEZJALNE RADIO "JEDNOSC", KIELCE
299	GAC NORPOL SHIPPING, SZCZECIN
301	SHIPSERVICE, SZCZECIN
303	INSPEKTORAT ZEGLUGI SRODLADOWEJ, SZCZECIN
305	INTERMARINE, SZCZECIN
307	OSZGM, SZCZECIN
309	RADIO MARIACKIE, KRAKOW
311	DON SHIPPING AND TRADING, SZCZECIN
313	ODRA LLOYD, SZCZECIN
315	PKN S.A.
317	POLFRACHT GDYNIA
319	PORT SERVICE GDYNIA
321	ZEGLUGA GDANSKA
323	BALTIC UNISERVICE
325	NEPTUN SHIP SERVICE, GDYNIA
327	JUPITER SHIPPING SERVICES
329	OKMARIT, GDYNIA
331	SWISSPOL, GDYNIA
333	MABALCO SHIPPING, SOPOT
335	INTERMARINE, GDYNIA
337	MONDIAL SHIPPING AND TRANSPORT, GDYNIA
339	BALTYCKA AGENCJA ZEGLUGOWA, GDYNIA
341	EAST-MAR SHIP BROKERS, GDYNIA
343	PPS PORT POLNOCNY, GDYNIA
345	DALMOR-PORT, GDYNIA
347	PORT HANDLOWY KOLOBRZEG
349	EUROCARGO SHIPPING, SZCZECIN
352	PPSU WOC, GDANSK
354	ODGW, GLIWICE
357	POLMARINER SWINOUJSCIE
359	ZAKLADY CHEMICZNE, POLICE
361	POLSHIPPING, GDYNIA
363	POLFRACHT, SZCZECIN
365	PBH ODRA-2 WROCKAW
367	POLAGENT, SZCZECIN
369	KOGA MARIS, HEL
371	SUPERFISH, USTRONIE MORSKIE
373	MOSIR, GDANSK
375	ELEKTROWNIA DOLNA ODRA S.A.
378	PBH ODRA-1 OPOLE
380	AGENCIES POLAND LTD, SZCZECIN

## SECTION IV - Table 12A/12B

<b>POL</b>	Poland		
381	ATRA, GDANSK	382	ARAMIS SHIPPING, GDYNIA
383	TRANS-ROL, CIGACICE	385	NAWIGATOR SHIPPING, GDANSK
386	PORT WISLANY, GDANSK	388	BSS SHIPHANDLERS S.C., GDYNIA
389	POLSTEAM SHIPPING AGENCY, SZCZECIN	390	PORTA PETROL, SZCZECIN
391	LECH-POL, SZCZECIN	392	PORT JACHTOWY LEBA
393	RZGW, POZNAN	394	BALTIC GDYNIA
395	P.H. OLIMPIC S.C., GDYNIA	397	SOLO MAR, DARKOWO
398	OSRODEK SPARTU, GDYNIA	399	PKN ORLEN S.A. GDANSK
400	PORT HOL; SWINOUJSCIE	401	TERMINAL PROMOWY, SWINOUJSCIE
402	URZAD ZEGLUGI SRODLADOWEJ, SZCZECIN	403	SPACE RESEARCH CENTRE, POLISH ACADEMY OF SCIENCES
404	SATREVOOLUTION S.A.	405	ACADEMICA FUNDACJA STUDENTOW I ABSOLWENTOW AGH
406	KP LABS SP. Z O.O.	407	MINISTERSTWO CYFRYZACJI
408	THORIUM SPACE SP. Z.O.O.,		

<b>POR</b>	Portugal		
<b>A</b>	AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM) AV. JOSE MALHOA 12 1099-017 LISBOA EMAIL: edge@anacom.pt EMAIL: itu.affairs@anacom.pt		
<b>B</b>	ESTADO-MAIOR-GENERAL DAS FORCAS ARMADAS (DIRECAO DE COMUNICACOES E SISTEMAS DE INFORMACAO) AVENIDA ILHA DA MADEIRA, 1 1400-204 LISBOA		
001	AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM)	002	ESTADO-MAIOR-GENERAL DAS FORCAS ARMADAS
003	AUTORIDADE NACIONAL DE AVIACAO CIVIL	004	DIRECAO GERAL DE RECURSOS NATURAIS, SEGURANCA E SERVICOS MARITIMOS
006	RADIO E TELEVISAO DE PORTUGAL, S.A.	007	MEO - SERVICOS DE COMUNICACOES E MULTIMEDIA, S.A.
014	REPRESENTACOES DIPLOMATICAS		

<b>PRG</b>	Paraguay		
<b>A</b>	COMISION NACIONAL DE TELECOMUNICACIONES - CONATEL YEGROS NO 437 Y 25 DE MAYO EDIF. SAN RAFAEL - 20 PISO ASUNCION TELEFAX: +595 21 498888 EMAIL: presidencia@conatel.gov.py PHONE: +595 21 44 0020		
001	RADIO GUARANI	002	RADIO NACIONAL
003	ADM. NACIONAL DE TELECOMUNICACIONES	004	COMANDO DE AERONAUTICA
005	AEROLINEAS ARGENTINAS	006	PLUNA
007	BRANIFF	008	PANAIR DO BRASIL
009	RADIO PARAGUAY	010	INTERNATIONAL PRODUCTS C.
011	PURE OIL	012	CIA DE NAVEGACION FLUVIAL ARGENTINA
013	RADIO PRIMERO DE MARZO 2	014	USOM - PARAGUAY
015	LOFELAND BROTHERS DE CARACAS	016	INSTITUTO PREVISION SOC.
018	BANCO DEL PARAGUAY	019	RADIO CHARITAS
020	RADIO GUAIRA	021	RADIO NANAWA



## SECTION IV - Table 12A/12B

PRU	Peru
A	DIRECCION GENERAL DE TELECOMUNICACIONES, MINISTERIO DE TRANSPORTES, COMUNICACIONES, AV. ZORRITOS 1203 LIMA 1 TELEFAX: +51 1 615 7608 / 7784 EMAIL: ipacheco@mtc.gob.pe PHONE: +51 1 615 7607 7498
001	COMITE INTERINO DE TELECOMUNICACIONES INTERNACIONALES
003	CORPORACION PERUANA DE AEROPUERTOS Y AVIACION COMERCIAL
005	CORREOS Y TELECOMUNICACIONES
007	"LIBERTAD" JUAN P. GOICOCHEA
009	"EL SOL" COMPANIA RADIALES Y TELEV.
011	"AMERICA" CIA PERUANA RADIODIF. S.A.
013	"MUNDIAL" GOBIERNO DEL PERU
015	"CALLAO" ALEJANDRO SEMINARIO
017	"LIMA" RADIO LIMA S.A.
019	RADIO MIRAFLORES S.A.
021	"COLONIAL" RADIO COLONIAL S.A.
023	"EXCELSIOR" HUMBERTO MIRENGHI
025	"TRUJILLO" JUAN DONGO MONTOYA
027	"UNIVERSAL" RAUL CLAUDI BUGGE
029	PANAMERICANA TV. S.A.
031	DIRECCION DE INDUSTRIAS Y ELECTRICIDAD
033	CIA MARITIMA PESQUERA
035	MINISTERIO AVIACION
037	INSTITUTO GEOFISICO DE HUANCAYO, MINISTERIO DE FOMENTO
039	MINISTERIO DE TRABAJO Y COMUNIDADES
041	ALL AMERICA CABLES AND RADIO INC.
043	DIRECCION DE ADMINISTRACION PORTUARIA
045	TELECOMUNICACIONES
047	FERNANDINI CLOTET
049	FACULTAD DE CIENCIAS FORESTALES UNIVERSIDAD AGRARIA
051	SUPERINTENDENCIA GENERAL DE ADUANAS
053	VOIR 24 - SEE 24 - VEASE 24
055	RADIO AZUL
057	PERUVIAN CORP.
059	CIA DE PRODUCCIONES RADIALES Y TV
061	COMPANIA PERUANA PRODUCTOS DEL MAR
063	NEGOCIACION SUR-PERUANA S.A.
065	CIA NORTHERN PERU MINING
067	CIA ADMIN. DEL GUANO
069	CERRO DE PASCO CORP.
071	COMPANIA EXPLOTADORA MINA S. AUGUSTIN
073	EMP. PETROLIFERA FISCAL
075	CIA PETRILEO GANZO AZUL
077	CIA IRRIGADORA NACIONAL
079	CIA MINERA HUAMACHUCO
081	INSTITUTO GEOGRAFICO MILITAR
083	BANCO MINERO DEL PERU
085	CIA PESQUERA COISHCO
087	MINISTERIO MARINA
089	CIA CARBONERA ANCOS
091	SOC. AGRICOLA PUCALA LTDA.
093	CIA MINAS DEL PERU
095	CENTRAL CHUCARAPI S.A.
097	CIA MINERA CASTROVIRREYNA
099	RADIO "HUANCAYO" ALFREDO ELEJALDE
101	ROSA V. DE FORZONI
103	CILLONIZ-OLAZABAL-URQUIAGA S.A.
105	CIA MINERA HUANCA
107	PERUVIAN CHEMICAL
109	NEGOCIACION AGRICOLA COLLACACHI
111	CHAVIN MINES CORPORATION
113	CIA IRRIGADORA CHIMBOTE
115	CIA MINERA PATIVILCA S.A.
117	CIA MINERA CHANCHAMINA
002	PAN AMERICAN GRACE AIRWAYS INC.
004	COMPANIA AVIACION FAUCETT
006	"VICTORIA" JOSE E. CAVERO
008	"RADIO NACIONAL" GOBIERNO DEL PERU
010	"CENTRAL" JUAN P. GOICOCHEA
012	"SAN CRISTOBAL" JUAN M. DONGO
014	"SELECTA" JOSE CAVERO A.
016	"LIBERTAD" CARLOS BURMESTER
018	"RURAL" RAUL MONTESINO
020	"ATALAYA" HERNAN MIRANDA N.
022	GONZALO JORDAN C.
024	"CONTINENTAL" J. ANTONIO HUMBERT
026	"LANDA" MAXIMO LANDA
028	"DEL CAR" CARLOS MONTJOY
030	CIA NEGOCIOS ULTRAMAR
032	FONDO NACIONAL DE DESARROLLO ECONOMICO
034	EMPRESA PESQUERA ILO
036	CIA NACIONAL TELEFONOS
038	MINISTERIO GUERRA
040	SOCIEDAD GANADERA CORPACANCHA
042	DIRECCION DE CONSTRUCCIONES ESCOLARES
044	SERVICIO ESPECIAL DE SALUD PUBLICAS
046	SINDICATO MINERO RIO PALLANGA S.A.
048	SOC. GANADERA ACAPANA
050	JUNTA DE CONTROL DE ENERGIA ATOMICA
052	S.A. RADIODIFUSION RADIO AREQUIPA
054	RADIO CUSCO, C. LIZARRAGA FISHER
056	SERVICIO DE INVESTIGACION Y PROMOCION AGRARIA
058	MINISTERIO FOMENTO
060	CORP. PERUANA DEL SANTA
062	TERMINALES PERUANOS S.A.
064	EMP. ELECTRICAS ASOCIADAS
066	CONS. MINERO DEL PERU
068	MINISTERIO DE GOBIERNO
070	CORPORACION DE SANEAMIENTO DE LIMA (COSAL)
072	MISION SAUTI S.P.A.
074	CABLE WEST COAST TELEGRAPH CO. LTDA.
076	CIA MINERA CAMZA
078	CIA ADMINISTRADORA DE MINAS
080	CIA MINERA TARICA
082	FABRICA TEJIDO MARANGANI
084	SINDICATO MINERO DE PARCOY
086	DIRECCION DE FERROCARRILES
088	CORP. PERUANA VAPORES
090	CIA BARCAS PESQUERAS PERUANAS S.A.
092	"RADIO TACNA" JOSE CACERES BERNAL
094	GOBIERNO DEL PERU
096	CONSORCIO DE INGENIEROS CONTRATISTAS GENERALES S.A.
098	NEG. AZUCARERA LAREDO
100	RICHMOND OIL CIA
102	CIA MINAS CERCAPUQUIO
104	CIA MINERA STO. TORIBIO
106	V. SANCHEZ AIZCORBE
108	AGRICOLA IND. VALOR
110	EMP. AGRICOLA MORERILLA S.A.
112	CIA PERUANA ALIMENTOS LACTEOS S.A.
114	CIA MINERA ATACCOCHA S.A.
116	NEGOCIACION CIENEGUILLAS S.A.
118	CIA MINERA POSCO S.A.

## SECTION IV - Table 12A/12B

PRU	Peru
119	LE TOURNEAU DEL PERU, INC.
121	MINAS VENTUROSA S.A.
123	MARCONA MINING COMPANY
125	CUERPO REGIONAL DE BOMBEROS VOLUNTARIOS DEL CALLAO
127	MATEO GALJUF
130	LANFRANCO MONIER S.A.
132	FERMIN MALAGA SANTOLALLA E HIJOS
134	INDUSTRIAL PESQUERA HUASCAR
136	CIA AGRICOLA GANADERA TALANDRACAS
138	CIA MINERA SANTA LUISA S.A.
140	CARMEN ROSA PESQUERA S.A.
142	CIA DE CEMENTO PACASMAYO S.A.
144	INMOBILIARIA CONTINENTAL S.A.
146	CEMENTO SUR S.A.
149	INTER AMERICA DE NAV. Y NEGOCIOS S.A.
151	CARLOS A. FRANCO
154	THE PACIFIC STEAM NAVIGATION CO
156	INS. VETERINARIO DE INVESTIG. TROPICALES
158	ANCHOVETA PERUANA S.A.
160	PESQUERA NORMANDIA S.A.
162	TAN KUM Y ANTONIO KAI YEC
164	PESQUERA SUD SANTA MARTHA S.A.
166	BLUMARE S.A.
168	FLAVIO CERBOLINE
175	COPESCA
177	PESQUERA ADRIATICA S.A.
179	FISHING PERUANA S.A.
184	PESQUERA ORION S.A.
186	CONSERVERA SAN ANTONIO S.A.
188	MARITIMA HARINERA S.A.
190	PERU FISHING AND PACKING CO. S.A.
192	SOC. PESQUERA LA AURORA S.A.
194	THE MOLLENDO AGENCIES CO.
196	PESQUERA AMERICA S.A.
198	FERIPAT S.A.
200	FISH MEAL COMPANY S.A.
202	BELCO PETROLEUM CORP. OF PERU
204	ALBERTO MALASPINA
206	NAVIERA PERUANA DEL PACIFICO S.A.
208	HARINERA RIMAC S.A.
210	EMPRESA PESQUERA PERU S.A.
212	IND. CONSERVADORA ALIMENTICIA CALLAO S.A.
214	ALIMENTOS DEL MAR S.A.
218	RAUL BUZAGLO GARAGORI
220	FELIPE BRONSTEIN SCHREIBER
222	HAVETA S.A.
224	ROMON TSUKASAU
226	INDUSTRIAS S. ANDRES S.A.
228	PRODUCTOS DEL MAR S.A.
230	PESQUERA VENUS S.A.
232	CODIPESA
234	PESQUERA SANTA ANITA S.A.
236	PESQUERA TRUJILLO S.A.
238	EMPRESA PESQUERA MOLLENDO S.A.
240	INDUSTRIAL PESQUERA MATARANI S.A.
242	PESQUERA DEL SUR PERUANO S.A.
244	CIA PESQUERA LA PUNTA S.A.
246	PESQUERA ARGOS S.A.
248	CIA MARITIMA BALLENERA DEL SUR S.A.
250	INDUSTRIAL TAMBO DE MORA S.A.
252	PESQUERA SALAVERRY S.A.
254	ORGANIZACION NAUTICA DEL SUR S.A.
256	YACHT CLUB PERUANO
258	HUMBERTO BERNALES
260	PAN AMERICAN FISH PACKING S.A.
262	BOLICHERAS UNIDAS S.A.
264	INDUSTRIAS MARITIMAS DE SUPE S.A.
120	MINAS DE MILLIACOCHA S.A.
122	ARTEMIO DEL SOLAR
124	SOCIEDAD GANADERA CHOTA MOTIL
126	CONSORCIO CONASA CONITSA
128	CONSORCIO BALLENERO S.A.
131	CIA MINERA MILPO S.A.
133	CIA DE MINAS BUENAVENTURA
135	CIA BALLENERA DEL NORTE
137	AMINCO MAR S.A.
139	BRONZINI HNOS S.A.
141	CADENA ENVASADORA SAN FERNANDO S.A.
143	ALEX PILER S.A.
145	CIENSA
147	FACULTAD DE ZOOTECNIA
150	GRACE Y CIA
152	CIA PERUANA DE PETROLEO EL ORIENTE
155	COSTA Y MAR S.A.
157	BANCO AMAZONICO
159	INDUSTRIA CARBONERA S.A.
161	PESQUERA GALIA S.A.
163	PESQUERA SAN GUILLERMO S.A.
165	CIA PESQUERA LA GAVIOTA S.A.
167	CIA ICTIOLGICA DE ALIMENTOS S.A.
169	BLUE PACIFIC FISHING CO.
176	EMPRESA PESQUERA CHIMU S.A.
178	FELIPE YIM
180	CIA PESQUERA TRINIDAD S.A.
185	MARITIMA BALBOA S.A.
187	PESQUERA COSMOS
189	CIA EXPLOTADORA DE INDUSTRIAS DEL MAR S.A.
191	CIA PESQUERA PATILLO S.A.
193	FABRICA DE HARINA DE PESCADO "SAN PEDRO" S.A.
195	CIA PESQUERA MERLIN S.A.
197	IVAN ORLICH
199	CIA PESQUERA MANCORA S.A.
201	CIA PESQUERA LEMAR S.A.
203	HARRY HIRSCHFELD
205	PRODUCTOS MARINOS S.A.
207	CIA PESQUERA PASAMAYO S.A.
209	NEGOCIACION PESQUERA CARRILLO S.A.
211	EMPRESA PESQUERA HARINAS DEL PACIFICO S.A.
213	EMPRESA PESQUERA "EL MOLINO" S.A.
217	LEONCE THENOT Y EDGAR WERHLI
219	BIBACO S.A.
221	INDUSTRIAL PROPESCA S.A.
223	SEISHO OYAKAWA Y JOSE SARMIENTE
225	SAN LORENZO INDUSTRIAS DEL MAR
227	YAM PACIFICO S.A.
229	PESQUERA TERRAMAR
231	CIA PESQUERA SAN JORGE S.A.
233	CIA INDUSTRIAL PESQUERA SANTA ROSA S.A.
235	FABRICA DE HARINA Y A. DE P. EL MILAGRO
237	CARLOS GARDELLA Y M. CABRERO
239	THE PERUVIAN CORPORATION LIMITED
241	CIA PESQUERA DE COISHCO S.A.
243	CIA PESQUERA SAN BLAS S.A.
245	CIA PESQUERA LOS FERROLES S.A.
247	PESQUERA HUMBOLDT S.A.
249	PESCA MAR S.A.
251	EMPRESA PESQUERA ILO S.A.
253	TECNOLOGICA DE ALIMENTOS S.A.
255	YACHT CLUB ANCON
257	CIA ITALO PERUANA DE PESCA S.A.
259	ORESTES CAFFARO GAVINO
261	SERGY VELIKOPOLFSKI RADOS
263	EMPRESA PESQUERA SAN MARTIN S.A.
265	CIA TECNICO-ECONOMICA DE FOMENTO INDUSTRIAL S.A.

## SECTION IV - Table 12A/12B

PRU	Peru		
266	PESQUERA SANTA MARGARITA S.A.	267	LUIS PONCE Y JORGE BOLANOS R.
268	INTERPOL - PERU	269	HUANDO S.A.
270	DISTRIBUIDORA CASSINELLI S.A.	271	ENRIQUE CASSINELLI E HIJOS S.A.
272	CONSTRUCTORES ASOCIADOS	273	CORPORACION DE RECONSTRUCCION Y FOMENTO DEL CUZCO
274	MANUFACTURAS DEL CENTRO S.A.	275	FCA. EL MILAGRO S.A.
276	CIA AGRICOLA SAN PEDRO S.A.	277	CIA MINERA AZULCOCHA
278	CORPORACION GRAL DE LOS ADVENTISTAS DEL VII DIA	279	BANCO REGIONAL DEL CENTRO
280	HDA. UNINGAMBAL	281	CONSTRUCTORES UNIDOS S.A.
282	CIA MINERA LOS ANDES ORIENTALES S.A.	283	COMERSA
284	TABACALERA VALOR S.A.	285	ASPILLAGA ANDERSON HNOS S.A.
286	COPSA	287	MINAS CANARIAS
288	BANCO DE CREDITO DEL PERU	289	LANIFICIO DEL PERU S.A.
290	MINAS DE COBRE DE CHAPI S.A.	291	FABRICA DE TEJIDOS URCOS S.A.
292	EUGENIO BAUMANN DE METZ S.A.	293	BANCO POPULAR DEL PERU
294	SOCIEDAD MINERA "EL BROCAL" S.A.	295	ROLLIN THORNE HIJOS S.A.
296	SINDICATO EXPLOTADOR DE SAYAPULLO S.A.	297	UTAH CONSTRUCTION AND MINING CO.
298	SOC. GANADERA DEL SUR	299	ZACHRY INTERNATIONAL INC.
300	SOC. AGRICOLA POMALCA LTDA	301	SOC. GANADERA DEL CENTRO
302	SOC. MINERA YAULI LTDA	303	PESQUERA DELFIN
304	PESQUERA INDUSTRIAL HELLAND S.A.	305	PESQUERA CHIMBOTE S.A.
306	TEA GARDENS S.A.	307	SOC. GANADERA CALDERA S.A.
308	UNIVERSIDAD TECNICA DEL ANTIPLANO	309	SINDICATO MINERO PACOCOCHA S.A.
310	REISER E CURIONI S.A.	311	CRACE Y CIA
312	PESQUERA TAMBO DE MORA	313	WELLS OVERSEAS LTDA
314	SOCIEDAD TELEFONICA DEL PERU	315	LA PRENSA
316	ANDERSON CLAYTON	317	PRODUCTOS ALIMENTICIOS PRALSA S.A.
318	COMPANIA PERUANA DE RADIODIFUSION S.A.	319	EXPLOTADORA LA FAVORITA
320	RADIO AREQUIPA S.A.	321	COMISION NACIONAL DE INVESTIGACION Y DESARROLLO AEROSPAZIAL

PTC	Pitcairn Island
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**A** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100

**B** PITCAIRN ISLAND ADMINISTRATION  
BRITISH CONSULATE-GENERAL  
PRIVATE BAG  
AUCKLAND  
NEW ZEALAND

**002** THE COMMISSIONER, PITCAIRN ISLAND  
ADMINISTRATION

PTR	Puerto Rico
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**A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION: MR. RICHARD B. ENGELMAN  
2000 M STREET  
ROOM 868, STOP CODE #0800C  
WASHINGTON DC 20554 / UNITED STATES OF AMERICA  
TELEFAX: +1 202 418 1208 / 0398  
TELEX: 025 VIA TWX 7108220160

**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

**001** CORNELL UNIVERSITY  
**002** COMMUNICATIONS SATELLITE CORPORATION  
**003** HUGHES COMMUNICATIONS GALAXY, INC.  
**004** AMERICAN TELEPHONE AND TELEGRAPH CO.

## SECTION IV - Table 12A/12B

<b>PTR</b>	Puerto Rico
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005	AMERICAN SATELLITE COMPANY	006	U.S. GOVERNMENT
008	US GOVERNMENT - GEN	051	US GOVERNMENT COAST GUARD
068	U.S. GOVERNMENT (DEMANDER CONFIRMATION AUX USA)	230	FEDERAL COMMUNICATIONS COMMISSION, BC
300	FEDERAL COMMUNICATIONS COMMISSION, PLM		

<b>QAT</b>	Qatar
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**A** Communications Regulatory Authority (CRA)  
P.O. BOX 23404  
DOHA  
Qatar  
TELEFAX: +974 4499 5515  
EMAIL: irsection@cra.gov.qa  
EMAIL: ahamam@motc.gov.qa  
EMAIL: samustafa@cra.gov.qa

001	QATAR PUBLIC TELECOMMUNICATION CORPORATION	003	PAKISTANI EMBASSY
005	QATAR AIRWAYS	006	QATAR GENERAL PETROLEUM CORPORATION (OFF-SHORE)
007	DECCA NAVIGATOR CO. LTD.	008	QATAR STATE POLICE
009	QATAR GENERAL PETROLEUM CORPORATION (ON-SHORE)	010	MINISTRY OF PUBLIC WORK.
011	MINISTRY OF INFORMATION	014	BRITISH AIRWAYS,
015	ELECTRICITY DEPT.	016	GULF HELICOPTERS LTD.
017	CIVIL AVIATION DEPT.	018	TUNISIAN EMBASSY
019	AMERICAN EMBASSY	023	MINISTRY OF FOREIGN AFFAIRS
025	EGYPTAIN INTERESTS SECTION, DOHA, QATAR	026	ALGERIAN EMBASSY, DOHA, QATAR
027	SHEIK ABDULAZIZ BIN KHALIFA AL THANI	028	JAPANESE EMBASSY, QATAR
032	EMBASSY OF INDIA	033	USCENTAF
034	MAERSK OIL QATAR	035	QATAR SATELLITE COMPAGNY (QSC)
036	ARAB SATELLITE COMMUNICATIONS ORGANIZATION (ARABASAT)		

<b>REU</b>	Reunion (French Department of)
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**A** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AVENUE DU GENERAL DE GAULLE - BP400  
94704 MAISONS ALFORT CEDEX  
FRANCE  
EMAIL: earthcoord@anfr.fr (Stations terriennes)  
EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes)  
EMAIL: tercoord@anfr.fr (Services de Terre)  
TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)  
TELEFAX: +33 1 45 18 73 90 (Stations terriennes)

001	ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS	002	CONSEIL SUPERIEUR DE L'AUDIOVISUEL
003	MARINE NATIONALE	004	AVIATION CIVILE
005	FORCES TERRESTRES	006	AERONAUTIQUE MILITAIRE FRANCAISE
007	DEFENSE NATIONALE	008	SURETE NATIONALE
009	METEOROLOGIE NATIONALE	010	MINISTERE DE L'INTERIEUR
011	GENDARMERIE NATIONALE	012	COMPAGNIE AIR FRANCE
019	PHARES ET BALISES	034	AUTORITE DE REGULATION DES TELECOMMUNICATIONS

## SECTION IV - Table 12A/12B

<b>ROD</b>	Rodrigues
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- A** THE DIRECTOR  
TELECOMMUNICATIONS DEPARTMENT  
EDITH CAVELL STREET  
PORT LOUIS  
TELEX: 4000 DIRTEL IW
- 001** OVERSEAS TELECOMMUNICATIONS SERVICES      **002** MAURITIUS BROADCASTING CORPORATION  
CO. LTD.      FOREST SIDE
- 003** CIVIL AVIATION DEPARTMENT      **004** POLICE DEPARTMENT
- 005** DISTRICT ADMINISTRATION OFFICE

<b>ROU</b>	Romania
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- A** NATIONAL REGULATORY AUTHORITY FOR COMMUNICATIONS  
AND INFORMATION TECHNOLOGY  
LIBERTATII BLVD. 14  
050706 BUCARESTI 5  
ROMANIA  
TELEFAX: +40 21 307 54 02  
TELEX: 065 11372 GENTEL BUC R  
PHONE: +40 21 307 54 00
- B** MINISTERE DES AFFAIRES ETRANGERES,  
HELSINKI
- C** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S
- D** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA,  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- 001** DIRECTION GENERALE DES POSTES ET      **002** EMBASSY OF REPUBLIC OF TURKEY  
TELECOMMUNICATIONS
- 003** AMBASSADE DE FINLANDE      **004** SWEDISH GOVERNMENT
- 005** REGIA AUTONOMA ROMTELECOM, BUCURESTI      **006** BULEYARDUL CAROL I NR. 109, BUCURESTI
- 007** ROMANIAN SPACE AGENCY

<b>RRW</b>	Rwanda
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- A** AGENCE RWANDAISE DE REGULATION DES SERVICES  
D'UTILITE PUBLIQUE (RURA)  
KIGALI  
REPUBLIQUE DU RWANDA  
TELEFAX: +250 73110  
TELEX: 0909 22573 DIRGENTEL RW  
PHONE: +250 58 45 63
- 001** TELECOMMUNICATIONS      **002** AVIATION CIVILE
- 003** RADIO RWANDA, BP83, KIGALI      **004** SKY-G

## SECTION IV - Table 12A/12B

<b>RUS</b>	Russian Federation
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<b>A</b>	RADIO FREQUENCY SERVICE GENERAL RADIO FREQUENCY CENTRE BUILDING 15 7 DERBENEVSKAYA EMBANKMENT MOSCOW 117997 RUSSIAN FEDERATION PHONE: +7 495 748 1448 TELEFAX: +7 495 748 0680 EMAIL: int@grfc.ru TELEX: 064412961 Y MTG SU MNSV		
<b>B</b>	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
<b>C</b>	DIRECTION GENERALE DES POSTES, TELEGRAPHES ET TELEPHONES DEPARTEMENT DES TELEGRAPHES ET DES TELEPHONES, ANKARA		
<b>D</b>	MINISTRY OF POSTS AND TELECOMMUNICATIONS OF THE RUSSIAN FEDERATION DEPARTMENT FOR INTERNATIONAL RELATIONS 7, TVERSKAYA STREET 103375 MOSKVA, K-375		
<b>E</b>	STATE ENTERPRISE MORSVYAZSPUTNIK MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION ROZHDESTVENKA STREET 1/4 103759 MOSCOW TELEFAX: +7 095 253 9910 PHONE: +7 095 258 7045		
<b>F</b>	RUSSIAN FEDERAL SERVICE FOR HYDROMETEOROLOGY AND ENVIRONMENTAL MONITORING (ROSGIDROMET) 12, NOVOVAGANKOVSKY 123242 MOSKOW		
<b>001</b>	MINISTERE DES COMMUNICATIONS POSTALES ET ELECTRIQUES, MOSCOU	<b>002</b>	GOUVERNEMENT DE LA SUEDE
<b>003</b>	EMBASSY OF THE REPUBLIC OF TURKEY	<b>004</b>	MISSION PERMANENTE DE RUSSIE
<b>005</b>	COMINCOM, MOSKVA	<b>006</b>	COMSTAR, MOSCOW
<b>007</b>	ROSTELECOM, MOSCOW	<b>008</b>	INTERNATIONAL TELECOMMUNICATIONS SERVICE (INTSVIAZ) MOSCOW
<b>009</b>	INTERNATIONAL SWITCHING CENTRE, MOSCOW	<b>010</b>	TECHNICAL CENTRE FOR LONG-DISTANCE AND INTERNATIONAL TELEVISION AND SOUND BROADCASTING
<b>011</b>	RUSSIAN SATELLITE COMMUNICATIONS COMPANY (RSCC)	<b>012</b>	RUSSIAN STATE COMPANY FOR TELEVISION AND RADIO BROADCASTING "OSTANKINO"
<b>013</b>	ALL RUSSIAN STATE COMPANY FOR TELEVISION AND RADIO BROADCASTING	<b>014</b>	BIZNESSVIAZJOINT STOCK CO., MOSCOW
<b>015</b>	INFORMKOSMOS JOINT STOCK CO., MOSCOW	<b>016</b>	JOINT-STOCK COMPANY "GAZPROM SPACE SYSTEMS"
<b>017</b>	LAVOCHKIN PRODUCTION ASSOCIATION	<b>018</b>	INTERNATIONAL FUND OF INVESTMENT AND PRIVATISATION
<b>019</b>	ELEKON-STIR JOINT STOCK CO.	<b>020</b>	KOSS JOINT STOCK CO.
<b>021</b>	GLOBAL INFORMATION SYSTEMS (GIS)	<b>022</b>	SVYAZ TRANSNEFT
<b>023</b>	UGOLTELEKOM	<b>024</b>	IRIDIUM-EVRAZIA
<b>025</b>	TELEPORT-TP	<b>026</b>	CROSNA
<b>027</b>	SVYAZ TRANSNEFT	<b>028</b>	SATKOM-TEL
<b>029</b>	RUSTEL	<b>030</b>	SATIS-TL-94
<b>031</b>	CSS	<b>032</b>	GLOBAL ONE
<b>033</b>	GENERAL SATELLITE CORPORATION	<b>034</b>	MOSKOVSKIY TELEPORT
<b>035</b>	VOSTOKINFOKOSMOS	<b>036</b>	MERCURY LTD
<b>037</b>	STATE SPACE SCIENTIFIC AND PRODUCTION CENTRE	<b>038</b>	JCS ROSTELESAT
<b>039</b>	MTRK MIR	<b>040</b>	MTK SIRENA
<b>041</b>	IVL COMMUNICATIONS	<b>042</b>	MOSCOW TELEPORT
<b>043</b>	KRILYON	<b>044</b>	RST-1
<b>045</b>	SFIT LTD. CO	<b>046</b>	ZAO AEROKOM
<b>047</b>	KOMET	<b>048</b>	KAMALYASKOM
<b>049</b>	VOSTOKTELEKOM	<b>050</b>	TELEKROS

## SECTION IV - Table 12A/12B

RUS	Russian Federation		
051	MOSNIKOS INVESTING LTD	052	STATE ENTERPRISE MORSVYAZSPUTNIK, MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION
053	ROSNEFT-SAKHALINMORNEFTEGAZ	054	RESEARCH CENTRE FOR SPACE HYDROMETEOROLOGY "PLANETA"
055	KOMIN	056	TELEPORT ST. PETERSBURG
057	SANKT-PETERBURG MEZHDUNARODNAYA	058	AOZT "Vostoktelekom"
059	ZAO "Telekomnefteprodukt"	060	GLOBALTEL
061	INSAT HOLDING	062	ASTROMEDIA CLOSED JOINT STOCK COMPANY
063	LUKOIL INFORM	064	BONUM 1
065	INSATKOM	066	NOVOROSIYSKOE MORSKOE PAROHODSTVO
067	ZAO ANAKOM	068	JSC SAT-TEL
069	SPECIAL DESIGNING OFFICE OF MEI	070	KOLSK REGIONAL SEISMOLOGICAL CENTRE
071	ENGINEERING CENTRE OF SATELLITE COMMUNICATIONS	072	MOSCOVSKYI UZEL SVIAZI ENERGETIKI
073	RAMSATCOM	074	GONETS-M
075	TM SAT JOINT STOCK COMPANY	076	OOO SPUTNIKOVYE TELEKOMMUNIKATSII BASHKORTOSTANA
077	CHELYABINSKSVYAZINFORM	078	RADIOTEKHNICHESKAYA KORPORATIYA
079	BELKOMRUS	080	JV SAKHALIN TELECOM LIMITED
081	FEDERAL STATE UNIVERSITY ENTERPRISE ATOMENERGOPROEKT	082	OOO ARCTIC REGION SVYAZ
083	ZAO, ZOND-HOLDING	084	DCGSVYAZINFORM
085	KRUNICHEV STATE RESEARCH AND PRODUCTION SPACE CENTER	086	MINISTRY OF ATOMIC ENERGY OF THE RUSSION FEDERATION, SITUATION/CRISIS CENTRE
087	PARKER DRILLING COMPANY EASTERN HEMISPHERE, LTD	088	PARSONS DELAWARE INC
089	NAKHODKA TELEKOM LTD	090	SAVINGS BANK OF THE RUSSIAN FEDERATION
091	ASTELIT	092	TELSIKOM
093	REPRESENTATION OF TELECOMMUNICATION COMPANY RTL	094	ABB LUMMUS GLOBAL
095	SBERBANK	096	JOINT STOCK COMPANY "RUSSIAN SPACE SYSTEMS"
097	FU BH UHO	098	STEC.COM
099	PRIMORSKI TELEVISION NETWORKS	100	GROZNET
101	MODERN UNIVERSITY OF HUMANITIES	102	TOMSK STATE UNIVERSITY
103	WEB MEDIA SERVICES	104	RACE TELECOM
105	DOZOR-TELEPORT	106	INFO-SPUTNIK
107	ZAO RUSSKOYE RADIO-EVRAZIA	108	GEOTELECOMMUNICATIONS LTD
109	ITAR-TASS	110	RUSAT
111	STS SOVINTEL	112	OJSC SVYAZNOY TSP
113	INTERSPUTNIK	114	GAZPROMENERGO LLC
115	CJSC RADIO COMPANY 'VEKTOR'	116	LLC INVESTMENT COMPANY 'SIBINTEK'
117	JSC SETELECOM	118	OJSC NORTH-WEST TELECOM
119	JSC IPNET	120	JSC AMTEL-SVYAZ
121	LLC EQUANT	122	JSC GLOBAL TELEPORT
123	OAO RUSSIAN RAILWAYS	124	OPEN JOINT STOCK COMPANY "KRASNOYARSKOE KONSTRUCTORSKOE BUREAU - ISKRA"
125	"OPEN MOBILE SYSTEM" LIMITED LIABILITY COMPANY (OMSY LLC)	126	OPEN JOINT STOCK COMPANY "YUS TELECOM"
127	FEDERAL STATE UNITARY ENTERPRISE (FGUP)	130	OPEN JOINT STOCK COMPANY 'PERVAYA EKSPEDITSIONNAYA KOMPANIYA
131	EUROCOM LTD	132	CLOSED JOINT STOCK COMPANY 'ENERGIA-TELECOM'
133	SPB GU ITMO 'VUZTELECOMCENTER'	134	RTCOMM.RU, OJSC
135	OJSC LANRUSINVEST	136	CENTRAL BANK OF THE RUSSIAN FEDERATION
137	OAO VYMPELKOM	138	LIMITED LIABILITY COMPANY 'RESEARCH AND DEVELOPMENT ENTERPRISE DAURIA'
139	EA-SAT, CLOSED JOINT-STOCK COMPANY	140	OJSC MEGAFON
141	GEYSER-TELECOM, LTD	142	OJSC CHANNEL ONE
143	SPUTNIX LTD	144	LIMO-DD COMPANY, LTD
145	BKE SHELF LLC	146	ISATEL LLC
147	CJSC TVTS PLANETA	148	STAR LINE LLC
149	OJSC SAMARANEFTEGAZ	150	CJSC "CONSYST-OS"
151	OJSC GLOBALSAT	152	GERMSAT
153	DALSATKOM	154	JSC "GT&T"
155	PJSC "MTS"	156	"OTP BANK" JOINT-STOCK COMPANY
157	JSC TVC PLANETA	158	OBLASTNOE TELEVIDENIE
159	IRIDIUM COMMUNICATIONS LTD	160	OJCS AVAKOM
161	CJSC STELLA COMMUNICATION	162	ROCKET AND SPACE CORPORATION (RSC) "ENERGIA"
163	FSUE "VNIIFTRI"	164	INFORMATION SATELLITE SYSTEMS - RESHETNEV COMPANY

## SECTION IV - Table 12A/12B

RUS		Russian Federation	
165	LLC "T2 MOBILE"	166	FEDERAL STATE UNITARY ENTERPRISE RADIO RESEARCH AND DEVELOPMENT INSTITUTE (NIIR)
167	FSUE VNIIFTRI	168	LLC DAURIA - SATELLITE TECHNOLOGY
169	RUS TELNET LLC		
S		Sweden	
A	SWEDISH POST AND TELECOM AGENCY (PTS) P.O. BOX 5398 S-102 49 STOCKHOLM TELEFAX: +46 8 6785505 TELEX: 054 40777 RADCON S		
B	MINISTERE DES AFFAIRES ETRANGERES DE LA REPUBLIQUE SOCIALISTE DE ROUMANIE BUCURESTI		
001	STROEMS KOMMUN	002	TELIA AB
003	ADMINISTRATION DES FORCES HYDRAULICS, STOCKHOLM	004	DIRECTION ROYALE DE L'AERONAUTIQUE CIVILE, STOCKHOLM
005	DIRECTION GENERALE DE LA NAVIGATION MARITIME	006	GOUVERNEMENT
007	INSTITUT CENTRAL METEOROLOGIQUE ET HYDROGRAPHIQUE, STOCKHOLM	008	DEPARTEMENT DE LA MARINE
009	A-RINGEN AB, ANDERSTORP	010	SVERIGES RADIO AB, STOCKHOLM
011	SVENSKA AEROPLAN AKTIEBOLAGET, LINKOEPING	012	STOCKHOLMS NYA FLYGSKOLA, HYDEN CO, SKAA
013	HULTSFREDS KOMMUN	014	DIRECTION GENERALE DES CHEMINS DE FER, STOCKHOLM
015	VISBY STADS HAMNDIREKTION, VISBY	016	GAEVLE-SANDVIKENS FLYGFAELT AB
017	AIRTACO AB, STOCKHOLM 40	018	SCANDINAVIAN AIRLINES SYSTEM, STOCKHOLM 12
019	TORSBY KOMMUN	020	DEGERFORS FLYGKLUBB, VINDELN
021	VAESTERAES FLYGKLUBB, VAESTERAES	022	STENSELE STORUMANS FLYGKLUBB, STENSELE
023	LINKOEPINGS TRANSPORTINDUSTRI AB, LINKOEPING	024	JAERNA KOMMUNS FLYGTRAFIKKOMMITTE, VANSBRO
025	MALMOE HAMNFOERVALTNING, MALMOE	026	FALKENBERGSSTADS HAMNSTYRELSE, FALKENBERG
027	SKANDINAVISK LINJETRAFIK AB, REDERIAVD., LANDSKRONA	028	AB SILJANSFLYG, ESLOEV
029	FINNAIR AERO O/Y, HELSINGFORS	030	BILAEGARNAS INKOEPSFOERENING, STOCKHOLM
031	HUDIKSVALL KOMMUN	032	EDSBYNS FLYGKLUBB, EDSBYN
033	HAMNFOERVALTNINGEN, NYNASHAMN	034	ESKILSTUNA FLYGPLATS
035	BOGSORARAKTIEBOLAGET, SVEN, GOETEBORG	036	C.L. HANSSONS STUVERI AB, GOETEBORG
037	BLIDBERG METCALFE AND CO, GOETEBORG	038	ESRO
039	YNGEREDSFORS KRAFT AB, MOELNDAL	040	KIRUNA GEOFYSISKA OBSERVATORIUM
041	LIDKOEPIK KOMMUN	042	LUDVIKA KOMMUN
043	DALA AIRPORT AB, BORLAENGE	044	HAMNFOERVALTNINGEN, OSKARSHAMN
045	NYGE AERO AB, NYGEVERKEN, NYKOEPIK	046	LUND INSTITUTE OF TECHNOLOGY, DEPARTMENT OF APPLIED ELECTRONICS
047	AMBASSADE DE LA REPUBLIQUE SOCIALISTE DE ROUMANIE A STOCKHOLM	048	VAEXJOE FLYGPLATS AB
049	LYCKSELE STAD	050	SWEDISH SPACE CORPORATION
051	FERINGE FLYGKLUBB	052	UMEAA FLOTTNINGSFOERENING, UMEAA
053	EMMABODA KOMMUN	054	FYRSTADS FLYGPLATS AB
055	KRISTIANSTADS KOMMUN	056	OEREBRO LAENS FLYGPLATS AKTIEBOLAG
057	SWEDISH RED CROSS	058	TURKISH EMBASSY
059	MORA KOMMUN	061	HAGFORS KOMMUN
062	VE SAT TELECOMMUNICATIONS AB	063	VILHELMINA KOMMUN
064	ARVIDSJAURS KOMMUN	065	SWEDISH TELECOM INTERNATIONAL AB
066	TERACOM SVENSK RUNDRADIO AB	067	STANDARD RADIO SYSTEMS AB
068	MCI TELECOMMUNICATIONS INC.	069	ESSNET AB
070	TRANAAS NAERRADIOFOERENING	071	SES SIRIUS AB
091	LINKOEPINGS STADS BYGGNADSKONTOR, LINKOEPING	098	SKAANSKA CEMENT AB, MALMOE
099	KARLSKOEGA KOMMUN	100	WORLD MARITIME UNIVERSITY
101	FALKOEPINGS KOMMUN	102	GOETEBORG SAEVE FLYGPLATS AB
103	NYKOEPIK OXELOESUND FLYGPLATS AB	104	EMBASSY OF USSR
105	SOEDERHAMNS KOMMUN	106	SVENSKA SKIFFEROLJE AB, OEREBRO



## SECTION IV - Table 12A/12B

S	Sweden		
173	SVERIGES GEOLOGISKA UNDERSOEKNING	174	LIDKOEPIINGS STADS DRAETSELKAMMARE, LIDKOEPIING
176	OSTERMANS AERO AB, STOCKHOLM	177	SVENSKA VAESTKUSTFISKARNAS CENTRALFORBUND BOHUS, BJOERKOE
179	VAESTERAAS KOMMUN	184	AB IFOE-VERKEN, BROMOELLA
228	SVENSKA FLYDMOTOR AB, TROLLHAETTAN	295	CHALMERS TEKNISKA HOEGSKOLA, GOETEBORG
351	FIRMA CARL GULLBERG, NORRKOEPING	435	LINJEFLYG AB, STOCKHOLM
475	ORSA KOMMUN	476	OSKARSHAMNS STADS HAMNDIREKTION, OSKARSHAMN
497	SVENSKA VAESTKUSTFISKARNAS CENTRALFOERBUND, TRAESLOEVSLAEGE	498	AB STIL-INDUSTRI, VARGARDA
509	HAMNFORVALTNINGEN, SODERHAMN	517	TRAFIKAKTIEBOLAGET GRAENGESBERG-OXELOESUND, STOCKHOLM
522	GOETEBORGS MAKADAM AB, KAALLERED	525	STOCKHOLM STADS HAMNFOERVALTNING, STOCKHOLM
532	SVENSKA VAESTKUSTFISKARNAS CENTRALFOERBUND VAEROEBACKA	541	SKAANSKA AETTIKFABRIKEN AB, PERSTORP
573	KIRUNA STADS BYGGNADSKONTOR, KIRUNA	578	BODENS LASTBILCENTRALEN, BODEN
579	GOETEBORGS HAMNARBETSKONTOR, GOETEBORG	582	DROSKAEGARE ERIK OLSSON, ROENNAENG
583	KARLSKRONA STADS BYGGNADSKONTOR, KARLSKRONA	586	BILLERUDS AB, SAEFFLE
587	DROSKAEGARE BERTRANDSSON, OECKEROE OCH HOENOE BILSTATION, OECKEROE	588	SOEDERHAMNS MOTORSALLSKAP, SOEDERHAMN
589	GULLVIKS FABRIKS AB, MALMOE	590	SVENSK FLYGTJAENST AB, STOCKHOLM
591	TRANSAIR SWEDEN AB, MALMOE-STURUP.	592	PAN AMERICAN WORLD AIRWAYS SYSTEM, STOCKHOLM 40
593	NORRKOEPINGS ELEKTROTEKNISKA FABRIKER AKTIEBOLAG, NORRKOEPING	594	GEOGRAFISKA INSTITUTIONEN VID STOCKHOLMS UNIVERSITET
595	GOETEBORGS KOMMUN	596	THE SWEDISH BOARD OF CUSTOMS
597	LINJEBUSS INTERNATIONAL AB, HAELSINGBORG	598	ANGFARTYGSAKTIEBOLAGET GOTLAND VISBY
599	GAEVLE STADS HAMNFOERVALTNING, GAEVLE	600	NORRKOEPINGS STADS HAMNFOERVALTNING, NORRKOEPING
601	SKOEVDE KOMMUN	602	UPPSALA FLYGKLUBB, UPPSALA
603	SUNDSVALLS HAMNFOERVALTNING, SUNDSVALL	604	NORRKOEPINGS STUVERI AB, NORRKOEPING
605	AEROKLUBBEN I GOETEBORG, MOTORFLYGSEKTIONEN, GOETEBORG	607	OSKARSHAMNS KOMMUN
608	SVEGS KOMMUN	609	VAESTERVIKS KOMMUN
610	GAELLIVARE KOMMUN	611	ARVIKA KOMMUN
612	UPPSALA UNIVERSITET	613	KRAMFORS FLYGPLATS
614	CITY 107, MALMOE	615	DAVID OLSSON RADIOPRODUKTION AB, NORRKOEPING
616	LUNDS NAERRADIOFOERENING	617	GOLD 105 AB, NORRKOEPING
618	TRANSTEMA AB	619	THE MISSION COVENANT CHURCH OF SWEDEN
620	SWEDISH POLAR RESEARCH	621	VARA NAERRADIOFOERENING
622	CARLSKRONA NAERRADIOFOERENING	623	LULEAA NAERRADIO IDEELL FOERENING
624	RADIO SANDVIKEN	625	VAERMOE NAERRADIO
626	RADIO MARIESTAD	627	LINDESBERGS NAERRADIOFOERENING
628	JAERFAELLA NAERRADIOFOERENING	629	KUMLA HALLSBERGS NAERRADIOFOERENING
630	LRF SORUNDA	631	NORBERGS NAERRADIOFOERENING
632	HUDIKSVALLS NAERRADIOFOERENING	633	OEREBRO NAERRADIO
634	KRISTINEHAMNS NAERRADIOFOERENING	635	LJUNGBY NAERRADIOFOERENING
636	RADIO ULRICEHAMN	637	BODENS NAERRADIO
638	LJUSNARSBERGS NAERRADIOFOERENING	639	HANINGE NYA NAERRADIOFOERENING
640	OSKARSHAMNS NAERRADIOFOERENING	641	HAESSEHOLMS NAERRADIOFOERENING
642	RBS BROADCASTING AB	643	RBM BROADCASTING AB
644	RBG BROADCASTING AB	645	RADIO BROADCAST KRISTIANSTAD
646	LM ERICSSON DATA SERVICES AB	647	UNISOURCE SATELLITE SERVICES AB
648	TELE2 AB	649	UMEEA RADIOINTRESSEENTER KB
650	HAABO NAERRADIOFOERENING	651	NOBD SAT DX KLUBB
652	LEKSANDS NAERRADIOFOERENING	653	NYHYTTANS ADVENTSKYRKA
654	LIDINGOE NAERRADIOFOERENING	655	BORLAENGE NAERRADIOFOERENING
656	NACKA NAERRADIOFOERENING	657	RADIO 1000 AB
658	RADIO HIT FM MELODICUM AB	659	SPACELINE COMMUNICATION SERVICES
660	ESA - EUROPEAN SPACE AGENCY	661	TANUMS MASKINSTATION
662	SVENSKA RYMD AKTIEBOLAGET AB	663	TELENOR SATELLITE BROADCASTING
664	OVERHORIZON AB	665	AVANTI COMMUNICATIONS SWEDEN AB
666	LULEA TEKNISKA UNIVERSITET (LTU)	667	THE ROYAL INSTITUTE OF TECHNOLOGY
668	OHB SWEDEN AB	669	BEYOND ATLAS AB

## SECTION IV - Table 12A/12B

<b>SDN</b>	Sudan (Republic of the)
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- A** THE SECRETARY GENERAL  
MINISTRY OF SCIENCE AND COMMUNICATIONS  
P.O BOX 7379  
11123 KHARTOUM  
SUDAN  
TELEFAX: +249 187 177 777 / 171 112  
TELEX: 0984 22299 GENTEL SD  
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EMAIL: terrestrial@ntc.gov.sd; satellite@ntc.gov.sd
- B** THE DIRECTOR GENERAL  
TELECOMMUNICATIONS AND POST REGULATION AUTHORITY TPRA  
P.O. BOX 2869  
SUDAN  
  
TELEX: 61050 POSTGEN  
TELEFAX: +249 183 562 360  
EMAIL: Satellite@tpra.gov.sd
- C** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT
- |  |   |
|--|---|
| <p><b>001</b> SUDAN TELECOM COMPANY (SUDATEL),<br/>KHARTOUM</p> <p><b>004</b> EMBASSY OF THE STATE OF KUWAIT</p> <p><b>007</b> MINISTRY OF SOCIAL AFFAIRS, KHARTOUM</p> <p><b>011</b> CENTRAL ELECTRICITY AND WATER<br/>ADMINISTRATION</p> <p><b>017</b> SUDAN RAILWAYS</p> <p><b>019</b> SUDAN GEZEIRA BOARD, BARAKAT</p> <p><b>021</b> SUDAN GOVERNMENT LOCUST CONTROL</p> <p><b>024</b> LAND USE AND RURAL WATER DEVELOPMENT<br/>DEPARTMENT</p> <p><b>026</b> MINISTRY OF COMMUNICATIONS AND<br/>INFORMATION TECHNOLOGY</p> <p><b>028</b> MTN SUDAN</p> | <p><b>002</b> EGYPTIAN STATE TELEGRAPHS AND<br/>TELEPHONES</p> <p><b>005</b> SUDAN GOVERNMENT (SECURITY)</p> <p><b>008</b> CIVIL AVIATION DEPARTMENT</p> <p><b>013</b> LEGATION OF FEDERAL PEOPLE'S REPUBLIC<br/>OF YUGOSLAVIA</p> <p><b>018</b> PORT MANAGER</p> <p><b>020</b> IRRIGATION DEPARTMENT, MINISTRY OF<br/>AGRICULTURE</p> <p><b>022</b> SUDAN NEWS AGENCY</p> <p><b>025</b> KENYA POLICE</p> <p><b>027</b> SUDANESE MOBILE TELEPHONE COMPANY<br/>LIMITED (ZAIN SUDAN)</p> <p><b>029</b> SUNACS (SUDANESE NATIONAL COMMITTEE<br/>FOR SPACE)</p> |
|--|---|

<b>SEN</b>	Senegal
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- A** AUTORITE DE REGULATION DES TELECOMMUNICATIONS ET  
DES POSTES (ARTP)  
OUAKAM, ROUTE DES ALMADIES  
EN FACE CLINIQUE DES MAMELLES  
BP 14130  
DAKAR - PEYTAVIN  
TELEFAX: +221 33 869 0370  
TELEX: 0906 1296 SNTAG SG  
PHONE: +221 33 869 0369  
EMAIL: contact@artp.sn
- B** MINISTERE DE LA COMMUNICATION, DES TELECOMMUNICATIONS, DES POSTES ET DE L'ECONOMIE  
NUMERIQUE (MCTPEN)  
2, RUE BERANGER FERRAUD X ASSANE NDOYE  
BP 4027  
DAKAR  
  
TELEFAX: +221 33 842 12 91  
PHONE: +221 33 889 17 15
- |  |  |
|--|--|
| <p><b>007</b> DEFENSE NATIONALE</p> <p><b>012</b> FORCES ARMEES FRANCAISES</p> <p><b>031</b> RADIODIFFUSION TELEVISION</p> <p><b>042</b> AVIATION CIVILE</p> <p><b>046</b> RADIOELECTRICITE PRIVEE</p> <p><b>052</b> DOUANES</p> | <p><b>011</b> FORCES ARMEES DU SENEGAL</p> <p><b>022</b> MINISTERE DE L'INTERIEUR</p> <p><b>041</b> SOCIETE NATIONALE DES<br/>TELECOMMUNICATIONS DU SENEGAL</p> <p><b>043</b> PHARES ET BALISES</p> <p><b>051</b> PRESIDENCE DE LA REPUBLIQUE/ MINISTERE<br/>DES AFFAIRES ETRANGERES</p> |
|--|--|

## SECTION IV - Table 12A/12B

<b>SEY</b>	Seychelles
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- A** OFFICE OF THE PRESIDENT  
DEPARTMENT OF INFORMATION COMMUNICATION TECHNOLOGY  
3RD FLOOR, CARAVELLE HOUSE  
MANGLIER STREET  
P.O.BOX 737  
VICTORIA  
REPUBLIC OF SEYCHELLES  
PHONE: +248 4286600  
TELEFAX: +248 4225325  
EMAIL: communications@ict.gov.sc
- B** DEPARTMENT OF STATE,  
WASHINGTON D.C.20520
- |   |   |
|---|---|
| <b>001</b> CABLE AND WIRELESS LTD., SEYCHELLES  | <b>002</b> DEPARTMENT OF INFORMATION COMMUNICATIONS TECHNOLOGY (DICT) |
| <b>003</b> SEYCHELLES GOVERNMENT  | <b>004</b> SEYCHELLES CIVIL AVIATION AUTHORITY (SCAA)                 |
| <b>005</b> CHELONIA COMPANY LIMITED (CCL)   | <b>007</b> KOKONET Limited  |
| <b>008</b> EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA                                      | <b>009</b> AIRTEL SEYCHELLES Ltd. (AIRTEL)                            |
| <b>010</b> BRITISH HIGH COMMISSION  | <b>011</b> AMBASSADE DE FRANCE  |
| <b>012</b> SEYCHELLES COMMERCIAL BANK (SCB)   | <b>013</b> NOUVOBANQ SIMBC  |
| <b>014</b> MINISTRY OF EDUCATION (MOE)  | <b>018</b> SEYCHELLES POLICE  |
| <b>019</b> INTELVISION  | <b>020</b> SEYCHELLES BROADCASTING CORPORATION (SBC)                  |
| <b>021</b> MANAGEMENT OF PRESIDENT'S AFFAIRS OF UNITED ARAB EMIRATES PTY LTD (MPA OF UAE) | <b>022</b> CRYSTAL (SEYCHELLES) LTD                                   |
| <b>023</b> PURE FM (SEYCHELLES)   | <b>024</b> SEYCHELLES ISLAND FOUNDATION (SIF)                         |
| <b>025</b> MINISTRY OF FOREIGN AFFAIRS AND TRANSPORT (MFAT)                               | <b>026</b> SEYCHELLES FISHING AUTHORITY (SFA)                         |
| <b>027</b> BARCLAYS BANK PLC (BARCLAYS)   | <b>028</b> DIVISION OF RISK AND DISASTER MANAGEMENT (DRDM)            |
| <b>029</b> MINISTRY OF PRESIDENTIAL AFFAIRS OF UNITED ARAB EMIRATES (UAE)                 | <b>030</b> KREOL ENTERTAINMENT LTD (KE)                               |
| <b>031</b> SOLARIS LIMITED (SOLARIS)  |   |

<b>SHN</b>	Saint Helena
------------	--------------

- A** THE POSTMASTER  
GENERAL POST OFFICE  
ST HELENA ISLAND  
TELEX: 202 GOVT HL
- B** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- |   |                                    |
|---|------------------------------------|
| <b>001</b> CABLE AND WIRELESS PLC, LONDON | <b>002</b> GOVERNMENT OF S. HELENA |
| <b>003</b> U.K. GOVERNMENT                |                                    |

## SECTION IV - Table 12A/12B

<b>SLM</b>	Solomon Islands
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**C** DEPARTMENT OF TRANSPORT, WORKS AND  
COMMUNICATIONS  
P.O. BOX G8  
HONIARA  
SOLOMON ISLANDS  
TELEFAX: +677 36108  
TELEX: 0778 pandt hq 66310  
PHONE: +677 25888

<b>001</b>	B.S.I.P. ADMINISTRATION	<b>002</b>	MISSIONARIES AVIATION FELLOWSHIP
<b>003</b>	SUPERINTENDENT OF CIVIL AVIATION	<b>004</b>	SOLOMON ISLANDS BROADCASTING SERVICE
<b>006</b>	P. AND T. DEPARTMENT	<b>007</b>	FLEET SPACE TECHNOLOGIES PTY. LTD.
<b>008</b>	PANGEA NETWORKS LLC		

<b>SLV</b>	El Salvador
------------	-------------

**A** SUPERINTENDENCIA GENERAL DE ELECTRICIDAD Y  
TELECOMUNICACIONES (SIGET)  
SEXTA DECIMA CALLE PONIENTE Y 37 AV. SUR No. 2001  
COLONIA FLOR BLANCA  
SAN SALVADOR  
EL SALVADOR, C.A.  
TELEFAX: +503 2257 4499  
EMAIL: UIT@SIGET.GOB.SV  
PHONE: +503 2257 4438  
TELEFAX: +503 2257 4495

<b>001</b>	A.R. INGENIEROS ASOCIADOS, S.A. DE C.V.	<b>002</b>	A.T.C.INTERNATIONAL DE CENTROAMERICA, S.A. DE C.V.
<b>003</b>	ABC FM STEREO, S.A. DE C.V.	<b>004</b>	ACACYA DE R.L.
<b>005</b>	ACADEMIA NACIONAL DE SEGURIDAD PÚBLICA - ANSP	<b>006</b>	ACASAPUFE
<b>007</b>	ACOMET, DE R.L.	<b>008</b>	ACOTACOBRA DE R.L.
<b>009</b>	ADAN ERNESTO LOPEZ RODRIGUEZ	<b>010</b>	ADMINISTRACION NACIONAL DE ACUEDUCTOS Y ALCANTARILLADOS (ANDA)
<b>011</b>	AERODESPACHOS DE EL SALVADOR, S.A. DE C.V.	<b>012</b>	AEROJET DE EL SALVADOR, S.A. DE C.V.
<b>013</b>	AERONÁUTICA CIVIL	<b>014</b>	AES-CLESA Y COMPAÑIA, S. EN C. DE C.V.
<b>015</b>	AIRLINE SUPPORT SERVICES OF EL SALVADOR, S.A. DE C.V. (ASALSA, S.A. DE C.V.)	<b>016</b>	ALBA NOEMI ALVEÑO DE RAMÍREZ
<b>017</b>	ALBERTINA MARIA SUAREZ DE TEAGUE	<b>018</b>	ALBERTO Y MARIO, S.A. DE C.V.
<b>019</b>	ALCALDIA MUNICIPAL DE CAROLINA	<b>020</b>	ALCALDIA MUNICIPAL DE NUEVA GUADALUPE
<b>021</b>	ALCALDIA MUNICIPAL DE SAN SALVADOR	<b>022</b>	ALCALDIA MUNICIPAL DE TEXISTEPEQUE
<b>023</b>	ALCALDIA MUNICIPAL NUEVA CONCEPCIÓN	<b>024</b>	ALERTA EMPRESA, S.A. DE C.V.
<b>025</b>	ALEX BLADIMIR CALMO HERRERA	<b>026</b>	ALIRIO ANTONIO CAMPOS
<b>027</b>	ALLEN EDGARDO VASQUEZ HIDALGO	<b>028</b>	ALMACENADORA CENTROAMERICANA, S.A DE C.V.
<b>029</b>	ALMACENES DURAN TURCIOS, S.A. DE C.V.	<b>030</b>	ALMACENES SIMAN, S.A. DE C.V.
<b>031</b>	ALPRE, S.A. DE C.V.	<b>032</b>	ALUMINIO DE CENTROAMERICA, S.A. DE C.V.
<b>033</b>	AMERICA WEST AIRLINES, INC	<b>034</b>	AMERICAN AIRLINES, INC
<b>035</b>	AMERICAN INDUSTRIAL PARK, S.A. DE C.V. (AMERICAN PARK, S.A. DE C.V.)	<b>036</b>	AMERICANA DE TELECOMUNICACIONES, S.A. DE C.V.
<b>037</b>	AMERICATEL EL SALVADOR, S.A. DE C.V.	<b>038</b>	AMNET DATOS, S.A. DE C.V. (ANTES AMNET DATOS LTDA. DE C.V.)
<b>039</b>	AMNET TEL, S.A. DE C.V. (ANTES AMNET TEL Y COMPAÑIA, S. EN C. DE C.V.)	<b>040</b>	ANGEL Y MERLOS ARQUITECTOS ASOCIADOS
<b>041</b>	APARICIO CIRCUITO RADIOFÓNICO DE ORIENTE, S.A. DE C.V.	<b>042</b>	ASAMBLEA LEGISLATIVA DE EL SALVADOR
<b>043</b>	ASOC. COOP. DE APROV. Y CONS. DE TAXISTAS LA NACIONAL DE R.L.	<b>044</b>	ASOCIACION AGAPE DE EL SALVADOR
<b>045</b>	ASOCIACIÓN COMUNAL SEGUNDO MONTES	<b>046</b>	ASOCIACIÓN COORDINACIÓN DE COMUNIDADES PARA EL DESARROLLO DEL CACAHUATIQUE - CODECA
<b>047</b>	ASOCIACION CULTURAL DE DIFUSIONES EVANGELICAS SALVADOREÑAS, ( ACUDES )	<b>048</b>	ASOCIACIÓN DE COMERCIANTES Y VENDEDORES MIGUELEÑOS
<b>049</b>	ASOCIACION DE COMUNIDADES CAMPESINAS ANGEL MARIA	<b>050</b>	ASOCIACIÓN DE RADIOS Y PROGRAMAS PARTICIPATIVOS DE EL SALVADOR _ARPAS
<b>051</b>	ASOCIACIÓN EVANGÉLICA "AGENCIA MISIONERA DEL AIRE"	<b>052</b>	ASOCIACION IZCANAL

## SECTION IV - Table 12A/12B

SLV	El Salvador		
053	ASOCIACIÓN MANCOMUNIDAD LA MONTAÑONA	054	ASOCIACION PARA EL DESARROLLO RADIO CORINTO
055	ASOCIACIÓN PARA EL DESARROLLO RADIO CORINTO	056	ASOCIACION RADIO MARIA
057	AT&T COMMUNICATIONS SERVICES DE EL SALVADOR, S.A. DE C.V.	058	ATARRAYA, S.A.
059	AUDIO-VIDEO DE EL SALVADOR, S.A. DE C.V.	060	AVANCE INGENIEROS, S.A. DE C.V.
061	AVANCE TELECOMUNICACIONES, S.A. DE C.V. (AVATEL, S.A. DE C.V.)	062	AVICOLA SAN RAMON, S.A. DE C.V.
063	AYALA RIOS, S.A. DE C.V.	064	BANCO HSBC SALVADOREÑO, S. A.
065	BANCO AGRICOLA S.A.	066	BANCO AZTECA EL SALVADOR, S.A
067	BANCO CITIBANK DE EL SALVADOR, S.A. (ANTES BANCO CUSCATLÁN, S.A.)	068	BANCO INTERAMERICANO DE DESARROLLO (BID)
069	BANCO INTERNACIONAL DE RECONSTRUCCION Y FOMENTO - BANCO MUNDIAL	070	BEJOTA, S.A. DE C.V.
071	BLUE COMM, S.A. DE C.V.	072	BOANERGES ACOSTA MOZ
073	BT LATAM EL SALVADOR, S.A. DE C.V.	074	CAESS, S.A. DE C.V.
075	CANAHUATI Y COMPAÑIA	076	CANAL 29, S.A. DE C.V.
077	CANAL 31, S.A. DE C.V.	078	CANAL 35, S.A. DE C.V.
079	CANAL DOCE DE TELEVISION, S.A. DE C.V.	080	CANAL DOS, S.A. DE C.V.
081	CANAL SEIS, S.A.	082	CARGA URGENTE DE EL SALVADOR, S.A. DE C.V.
083	CARLOS RICARDO ORELLANA PEREIRA	084	CASTRO HANLON, S.A. DE C.V.
085	CATELCO, S.A. DE C.V.	086	CELSA ORBELINA PALACIOS V. DE MARROQUIN
087	CEMENTO HOLCIM DE EL SALVADOR, S.A. DE C.V.	088	CENTRAL AMERICAN COMMUNICATIONS, S.A. DE C.V. (CACOM, S.A. DE C.V.)
089	CENTRO NACIONAL DE REGISTROS	090	CESAR EMILIO GONZALEZ ALAS
091	CHAMAGUA MORATAYA, S.A. DE C.V.	092	CIRCUITO Y.S.R., S.A. DE C.V.
093	CLUB DE RADIOAFICIONADOS DE EL SALVADOR (CRAS)	094	COATS EL SALVADOR, SA. DE C.V
095	COLUMBUS NETWORKS EL SALVADOR, S.A DE C.V. (ANTES GIGA-OPTICS, S.A. DE C.V.)	096	COMERCIAL ROMA, S.A. DE C.V.
097	COMERSAL, S.A. DE C.V.	098	COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)
099	COMISION TRINACIONAL DEL PLAN TRIFINIO	100	COMITÉ DE INTEGRACION Y RECONSTRUCCION PARA EL SALVADOR
101	COMPAÑIA COMERCIAL CURACAO DE EL SALV.	102	COMPAÑIA EDIFICADORA, S.A. DE C.V.
103	COMPAÑIA HOTELERA SALVADOREÑA, S.A.	104	COMPAÑIA SALVADOREÑA DE SEGURIDAD, S.A. DE C.V. (COSASE, S.A. DE C.V.)
105	COMSI DE EL SALVADOR, S.A. DE C.V.	106	COMUNICACION Y COMPUTACION SALVADOREÑA, S.A. DE C.V. (COMPUSAL)
107	COMUNICACION Y TECNOLOGIA, S.A. DE C.V. (CYTEC, S.A. DE C.V.)	108	COMUNICACIONES DE BANDA ANCHA, S.A. DE C.V. (CBA, S.A. DE C.V.)
109	COMUNICACIONES DE ORIENTE, S.A. DE C.V. (CODO, S.A. DE .V.)	110	COMUNICACIONES DIGITALES, S.A. DE C.V.
111	COMUNICACIONES DIVERSAS, S.A. DE C.V.	112	COMUNICACIONES INTEGRADAS, S.A. DE C.V.
113	COMUNICACIONES MOVILES, S.A. DE C.V.	114	COMUNICACIONES SALVADOREÑAS, S.A. DE C.V. (COMUNSA, S.A. DE C.V.)
115	CONFERENCIA EVANGELICA DE LAS ASAMBLEAS DE DIOS	116	CONSEJO DEPARTAMENTAL DE ALCALDES DEL DEPARTAMENTO DE MORAZAN
117	CONSORCIO ASTALDI-COLUMBUS	118	CONSTRUCTORA BETON, S.A. DE C.V.
119	CONTINENTAL AIRLINES INC.	120	CONVERGIA EL SALVADOR, S.A. DE C.V.
121	COROBAN, S.A. DE C.V.	122	CORPORACION BONIMA, S.A. DE C.V.
123	CORPORACION CENTROAMERICANA DE SERVICIOS DE NAVEGACION AEREA	124	CORPORACION LA VOZ EVANGELICA DE AMERICA
125	CORPORACION MERCANTIL SALVADOREÑA, S.A DE C.V.	126	CORPORACIÓN T, S.A. DE C.V.
127	CORPORACION T.S., S.A. DE C.V.	128	CRUZ ANTONIO BELTRAN MEJIA
129	CRUZ ROJA SALVADOREÑA	130	CTE TELECOM PERSONAL, S.A. DE C.V.
131	CTE, S.A. DE C.V.	132	CUERPO DE BOMBEROS DE EL SALVADOR
133	CUNDIS TELECOMUNICACIONES, S.A.	134	DANIEL MAURICIO CARDONA FLORES
135	DATAGUARD, S.A. DE C.V.	136	DC TECHNOLOGIES, S.A. DE C.V.
137	DELEGACION DE LA COMISION EUROPEA EN EL SALVADOR	138	DELTA AIRLINES INC
139	DELTEL, S.A. DE C.V.	140	DEVORA DOLORES TORRES DE RECINOS
141	DIGICEL, S.A. DE C.V.	142	DISTRIBUCIONES DIVERSAS, S.A. DE C.V.
143	DISTRIBUIDORA DE ELECTRICIDAD DEL SUR, S.A . DE C.V.	144	DISTRIBUIDORA ELECTRICA DE USULUTAN, S.A. DE C.V. (DEUSEM, S.A. DE C.V.)
145	DOBLE F COMUNICACIONES, S.A. DE C.V.	146	DOLORES ALFONSO MEDINA PALACIOS
147	DUKE ENERGY INTERNATIONAL EL SALVADOR, S. EN C. DE C.V.	148	EDGAR ALBERTO CASTRO GUEVARA
149	EDGAR EDMUNDO FUENTES VENTURA	150	EDGAR EDMUNDO FUENTES VENTURA / ESTEBAN ANTONIO BONILLA FUENTES

## SECTION IV - Table 12A/12B

SLV	El Salvador		
151	EDGAR LÓPEZ BERTRAND	152	EDIFICIOS Y CARRIERS, S.A. DE C.V. (EDIFICAR, S.A. DE C.,V.)
153	EDITORIAL ALTAMIRANO MADRIZ, S.A. DE C.V.	154	EDU TV, S.A. DE C.V.
155	EDUARDO ANTONIO PALMA	156	EDWIN HIRAM AYALA RODRIGUEZ
157	EDWIN MANRIQUE VELIS MARTINEZ	158	EDWIN ROBERTO ALAM
159	EDWIN WILLIAMS GALO ESPINAL CONOCIDO P/EDWIN WILLIAMS GALO Y EDWIN WILLIAMS GALO ESPINAL	160	EFRAIN RUIZ MAZARIEGO
161	EL PANADERO, S.A. DE C.V.	162	EL SALVADOR NETWORK, S.A. (SALNET)
163	ELIAS JORGE BAHAIÁ	164	ELIZABETH TRABANINO SUAREZ
165	ELMER LEONEL GALDÁMEZ ABREGO	166	EMBAJADA DE ISRAEL
167	EMBAJADA DE LA REPÚBLICA FEDERAL DE ALEMANIA	168	EMBAJADA DE LOS ESTADOS UNIDOS
169	EMISORAS UNIDAS, S.A. DE C.V.	170	EMPRESA DE COMERCIO EXTERIOR, S.A. DE C.V. (E. C.O.E., S.A. DE C.V.)
171	EMPRESA ELECTRICA DE ORIENTE, S.A. DE C.V.	172	EMPRESA TRANSMISORA DE EL SALVADOR, S.A. DE C.V. (ETESAL, S.A. DE C.V.)
173	EMPRESARIOS CENTROAMERICANOS, S.A. DE C.V. ( EMPRECA, S.A. DE C.V. )	174	EMPRESAS ADOC, S.A DE C.V.
175	ENLACEVISION, S.A. DE C.V.	176	ESCUELA SUPERIOR FRANCISCANA ESPECIALIZADA /AGAPE
177	ESPARTA, S.A. DE C.V.	178	ESTADIOS DEPORTIVOS DE EL SALVADOR, S.A. DE C.V.
179	ESTEBAN ANTONIO BONILLA FUENTES	180	ETHEL GUADALUPE CHÁVEZ DE RODRIGUEZ
181	FABRICA MOLINERA SALVADOREÑA, S.A. DE C.V. (FAMOSÁ, S.A.)	182	FACALCA HILTEX, S.A. DE C.V.
183	FARMACIA NUEVA SAN FRANCISCO, S.A. DE C.V.	184	FATIMA LISSETTE CARDONA FLORES
185	FECOAGRO DE R.L.	186	FEDERACION DE COOPERATIVAS AGROPECUARIAS DE ORIENTE DE R.L.
187	FIDEICOMISO WALTER A. SOUNDY	188	FIVE-NINES COMMUNICATIONS, S.A. DE C.V
189	FONOMED, S.A. DE C.V.	190	FOSALUD
191	FRANCIS ADALBERTO MELARA LÓPEZ	192	FRANCISCO ALBERTO JOSE GARCIA ROSSI SANDOVAL
193	FRANCISCO ALBERTO RODRÍGUEZ FIGUEROA	194	FRANCISCO JAVIER HENRIQUEZ TURCIOS
195	FREDDY WINN MARTÍNEZ GUTIERREZ	196	FREDY ISAAC ARCE
197	FREUND DE EL SALVADOR, S.A. DE C.V.	198	FRISCO, S.A. DE C.V.
199	FUNDACION DE APOYO A MUNICIPIOS DE EL SALVADOR (FUNDAMUNI)	200	FUNDACION SALVADOREÑA PARA LA RECONSTRUCCION Y EL DESARROLLO
201	G.C.M. CONTACT CENTER, S.A. DE C.V.	202	GASTROMED, S.A. DE C.V.
203	GENESIS TECHNOLOGIES, S.A. DE C.V.	204	GERARDO ROBERTO ORELLANA TOBAR
205	GLENDA VENILDA ARGUETA QUIJADA	206	GLOBAL COMMUNICATIONS EL SALVADOR, S.A. DE C.V.
207	GLOBALSTAR EL SALVADOR, S.A. DE C.V.	208	GLORIA ELIZABETH GOMEZ DE SALGADO
209	GRUPO AMOR, S.A. DE C.V. (AMOR, S.A. DE C.V.)	210	GRUPO CASTILLO MAYNES, S.A. DE C.V. - GRUPO C M, S.A. DE C.V.
211	GRUPO CENTROAMERICANO DE TELECOMUNICACIONES, S.A. DE C.V./GCA TELECOM, S.A. DE C.V	212	GRUPO SAMIX, S.A. DE C.V.
213	GRUPO SOLID, S.A. DE C.V.	214	GRUPO VISION, S.A. DE C.V.
215	GSK HOLDINGS, S.A. DE C.V.	216	H. BARRIENTOS ARQUITECTOS, S.A. DE C.V.
217	HÉCTOR ATILIO VALDEZ GUZMÁN	218	HÉCTOR MANUEL ZELAYA ROMERO
219	HENRI MILTON MORALES UMAÑA	220	HERBERT ORELLANA OSORIO
221	HUMBERTO EMILIO AGUILERA VIZCARRA	222	I. P. HOLDING'S. S.A. DE C.V.
223	IANNUZZELLI Y CIA.	224	IBERIA LINEAS AEREAS DE ESPAÑA, S.A.
225	IDT EL SALVADOR LIMITADA, DE C.V.	226	IGLESIA APÓSTOLES Y PROFETAS EMANUEL DIOS CON NOSOTROS
227	IGLESIA CATÓLICA APOSTÓLICA Y ROMANA EN EL SALVADOR	228	IGLESIA CATOLICA DE EL SALVADOR
229	IGLESIA CATOLICA DE EL SALVADOR, DIOCESIS DE SANTA ANA	230	DIOCESIS DE SAN MIGUEL
231	IGLESIA CRISTIANA DE RESTAURACION	232	IGLESIA CATOLICA EN SANTIAGO DE MARIA, DIOCESIS
233	IGLESIA DE DIOS "MANANTIALES DE VIDA ETERNA"	234	IGLESIA DE DIOS
235	IGLESIA EVANGÉLICA DE EL SALVADOR, MISIÓN CENTROAMERICANA.	236	IGLESIA DEL CUERPO DE CRISTO EN EL SALVADOR
237	IGLESIA MINISTERIO EVANGELISTICO CRISTO REFUGIO EN LA TEMPESTAD	238	IGLESIA EVANGELICA NAZARETH
239	IGLESIA PENTECOSTAL "DIOS ES AMOR"	240	IGLESIA MINISTERIO EVANGELÍSTICO UN CLAMOR HACIA DIOS EN LOS TIEMPOS FINALES
241	IMMER ALFARO CLIMACO	242	IGLESIA PENTECOSTAL BETHEL
243	INFOMED, S.A. DE C.V.	244	INFANTOZZI BARON, S.A. DE C.V.
			INFRAESTRUCTURA UNIVERSAL DE TELECOMUNICACIONES, S.A. DE C.V.

## SECTION IV - Table 12A/12B

SLV	El Salvador		
245	INFRAESTRUCTURAS Y TELECOMUNICACIONES, S.A. DE C.V. (INFRATEL, S.A. DE C.V.)	246	INGENIERIA ASOCIADA, S.A. DE C.V.
247	INGENIEROS URBANISTAS, S.A. DE C.V.	248	INGENIO EL ANGEL, S.A. DE C.V.
249	INMOBILIARIA A.R., SOCIEDAD ANONIMA (INMOBILIARIA A.R., S.A.)	250	INMOBILIARIA CONSTELACIÓN, S.A. DE C.V.
251	INSTITUTO DE PREVISION SOCIAL DE LA FUERZA ARMADA	252	INSTITUTO SALVADOREÑO DE REHABILITACIÓN DE INVÁLIDOS - ISRI
253	INSTITUTO SALVADOREÑO DEL SEGURO SOCIAL	254	INSTITUTO TECNOLÓGICO DE COMERCIO Y ADMINISTRACIÓN DE EMPRESAS - ITCAE
255	INTELCORP, S.A. DE C.V.	256	INTELFON, S.A. DE C.V.
257	INTERCONSA, S.A. DE C.V.	258	INTERNATIONAL TECHNOLOGY SOLUTIONS, S.A. DE C.V. (I.T.S., S.A. DE C.V.)
259	INTERNATIONAL TELEPHONE AND SATELLITE CENTROAMÉRICA EL SALVADOR, SOCIEDAD ANÓNIMA	260	INTER-TELL, S.A. DE C.V.
261	INVERCON, S.A. DE C.V.	262	INVERSIONES BOLIVAR, SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE
263	INVERSIONES DE DESARROLLO INDUSTRIAL Y AGRÍCOLA, S.A. DE C.V. _INDESI, S.A. DE C.V.	264	INVERSIONES MZ, S.A. DE C.V.
265	INVERSIONES ROBLE, S.A. DE C.V.	266	INVERSIONES SIMCO, S.A. DE C.V.
267	ISTMANIA COMUNICACIONES, S.A. DE C.V.	268	J.C. ESPINOZA, S.A. DE C.V.
269	J.M.B. COMMUNICATIONS, S.A. DE C.V.	270	JAIME NELSON GARCIA ESCOBAR
271	JEFFERSON CHRISTEN HOLLMAN ALVAREZ	272	JMTELCOM, S.A. DE C.V.
273	JOAQUIN ORLANDO APARICIO BORJAS	274	JORGE ALBERTO MOLINA NEIRA
275	JOSE ALFREDO MEDINA ARGUETA	276	JOSE ANTONIO CLAROS HERNANDEZ
277	JOSÉ DE JESÚS VIGIL GÓMEZ	278	JOSE FRANCISCO MIRANDA INTERIANO
279	JOSÉ ISRAEL GONZALEZ RIVAS	280	JOSE ISRAEL SANTAMARIA
281	JOSE LEONEL ACUÑA ORTEGA	282	JOSE MARIA ANTONIO VELASCO BARRERA
283	JOSE MARIA MONTERREY	284	JOSÉ MARTÍN HENRIQUEZ MEDINA
285	JOSE MAURICIO JIMENEZ	286	JOSE MOISES ALFARO MENDEZ
287	JOSE MOISES HERNANDEZ BOLAÑOS	288	JOSE OSCAR BARAHONA CASTILLO
289	JOSE RICARDO MARTINEZ JAIME	290	JOSÉ RICARDO SOSA ORELLANA
291	JOSE RIGOBERTO PORTILLO	292	JOSE ROBERTO JIMENEZ ZEPEDA
293	JOSE ROBERTO PEREZ NOVOA	294	JOSE ROBERTO RODRIGUEZ MORENO
295	JOSE ROBERTO RUBIO CERNA	296	JOSE RODOLFO CASTELLANOS
297	JOSÉ SAÚL GALDAMEZ ABREGO	298	JOSE TOBIAS ALBERTO GUARDADO
299	JOSE TOMAS PACAS MENDEZ	300	JOSE VIDAL ALVARADO MORENO
301	JOSE WILFREDO SALGADO GARCIA	302	JUAN CARLOS SALINAS RAMOS
303	JUAN JOSE ORTUÑO	304	JUAN RAMON ESQUIVEL PANAMEÑO
305	JUCARA DE ANDRADE LÓPEZ	306	JUDY DEL CARMEN RODRIGUEZ
307	JULIO ALBERTO ARRIOLA GARCIA	308	JULIO ALBERTO PEREZ
309	JULIO CESAR SALDAÑA PERDOMO	310	JULIO HECTOR LINARES GUZMAN
311	KIMBERLY-CLARK	312	LA CORNUCOPIA, S.A DE C.V.
313	LA ESMERALDA, S.A. DE C.V.	314	LA ESPERANZA KENDRICK, S.A. DE C.V.
315	LA MEJOR, S.A. DE C.V.	316	LABORATORIOS ARSAL, S.A. DE C.V.
317	LABORATORIOS VIJOSA, S.A. DE C.V.	318	LAGEO, S.A DE C.V.
319	LAS PIZZAS, S.A. DE C.V.	320	LATELCO DE EL SALVADOR, S.A. DE C.V.
321	LATICOM, S.A. DE C.V.	322	LEMUS & MORALES, S.A. DE C. V.
323	LEMUS Y LEMUS, S.A. DE C.V.	324	LEONEL BALMORE BUSTILLO MENDOZA
325	LEONEL BALMORE BUSTILLO MENDOZA/RAUL MANUEL BUSTILLO MENDOZA	326	LEONIDAS MARTINEZ SANCHEZ
327	LEONOR GUIROLA DE LLACH	328	LEONOR MENDEZ DE GUIROLA
329	LEVER DE EL SALVADOR, S.A DE C.V.	330	LIDO, S.A. DE C.V.
331	LLANTAS, TUBOS Y SUMINISTROS AUTOMOTRICES S.A. DE C.V.	332	LUIS ALBERTO GUZMAN
333	LUIS ALFREDO LEMUS UMAÑA	334	LUIS ALONSO LINARES GUIDO
335	LUIS ANTONIO FLORES MANCIA	336	LUIS ANTONIO MORALES UMAÑA
337	LUIS ANTONIO RAMOS MENENDEZ	338	LUIS ENRIQUE APARICIO BORJAS
339	LUIS HUMBERTO BARILLAS ROMERO	340	LUIS RICARDO CORDOVA PANAMEÑO, DAVID ELÍAS CORDOVA PEÑATE Y DANIEL RICARDO CORDOVA PEÑATE
341	MANUEL ALONSO MONTES MAZARIEGO	342	MANUEL CONCEPCIÓN RIVERA AYALA
343	MANUEL GONZALEZ RIVAS	344	MANUEL SANCHEZ DE CASTRO
345	MARCOS ANTONIO AMAYA LIZAMA	346	MARÍA ANTONIA AVELAR NAVARRETE, RODOLFO RIVERA LÓPEZ Y JOSÉ ALBERTO AVELAR AVELAR
347	MARIA DEL TRANSITO LOZA GOMEZ	348	MARIA ORBELINA PIMENTEL DE SALAZAR
349	MARIANO HECTOR SALAZAR	350	MARIO ANTONIO ROMERO
351	MARIO BETAGLIO	352	MARIO ERNESTO JOSE MOLINA BATLLE
353	MARIO FRANCISCO MAURICIO GUINEA OLIVARES	354	MARS, S.A. DE C.V.
355	MARTA ALICIA ROMERO DE ALVARENGA	356	MARTIR ROMERO MENDOZA
357	MARVIN GABRIEL LINARES TICAS	358	MASTER COMMUNICATIONS, S.A. DE C.V.
359	MATERIALES SALTEX, S.A. DE C.V.	360	MAURICIO EDUARDO SANDOVAL AVILES
361	MAURICIO ERNESTO VARGAS VALDEZ	362	MAXIMA ACELERACION, S.A. DE C.V.

## SECTION IV - Table 12A/12B

SLV	El Salvador		
363	MAYACOM, S.A. DE C.V.	364	MECAFE, S.A. DE C.V.
365	MEDIA SUPPORT NETWORK EL SALVADOR, S.A. DE C.V.	366	MERCATECNIA, S.A. DE C.V.
367	METRO ESTEREO, S.A. DE C.V.	368	MIGUEL ANGEL CUELLAR CENTENO
369	MINISTERIO DE EDUCACION	370	MINISTERIO DE GOBERNACION (CUERPO DE BOMBEROS DE EL SALVADOR)
371	MINISTERIO DE HACIENDA (DIRECCION GENERAL DE LA RENTA DE ADUANAS)	372	MINISTERIO DE LA DEFENSA NACIONAL
373	MINISTERIO DE MEDIO AMBIENTE Y RECURSOS NATURALES	374	MINISTERIO DE RELACIONES EXTERIORES
375	MINISTERIO DE RELACIONES EXTERIORES (CONSULADO DE CANADA)	376	MINISTERIO DE RELACIONES EXTERIORES (EMBAJADA DE CHILE)
377	MINISTERIO DE RELACIONES EXTERIORES (EMBAJADA DE GRAN BRETAÑA)	378	MINISTERIO DE RELACIONES EXTERIORES (EMBAJADA DE ITALIA)
379	MINISTERIO DE RELACIONES EXTERIORES (EMBAJADA DE LA REPUBLICA DE FRANCIA)	380	MINISTERIO DE RELACIONES EXTERIORES (EMBAJADA DE LOS ESTADOS UNIDOS)
381	MINISTERIO DE RELACIONES EXTERIORES (GRUPO MILITAR DE EEUU)	382	MINISTERIO DE SALUD PUBLICA Y ASISTENCIA SOCIAL
383	MINISTERIO DE SEGURIDAD PÚBLICA Y JUSTICIA	384	MINISTERIOS EMANUEL INTERNACIONAL, IGLESIA CRISTIANA EN AVIVAMIENTO, ABREV. MINISTERIOS EMANUEL
385	MISIÓN ADVENTISTA DEL SÉPTIMO DÍA /LA IGLESIA ADVENTISTA DEL SÉPTIMO DÍA	386	MISION BAUTISTA INTERNACIONAL DE EL SALVADOR
387	MISION CRISTIANA ELIM	388	MISION CRISTIANA MARANATHA-ELIM DE EL SALVADOR
389	MISION ORIENTAL SALVADOREÑA DE LOS ADVENTISTAS DEL SEPTIMO DIA (MISION ORIENTAL)	390	MONELCA, S.A. DE C.V.
391	MOORE DE CENTROAMERICA, S.A. DE C.V.	392	MORAN GONZALEZ Y CO.
393	MOYA & ASOCIADOS, S.A. DE C.V.	394	MTEL EL SALVADOR, S.A. DE C.V.
395	MULTI MART DE CENTROAMERICA, S.A. DE C.V.	396	MULTICABLE DE EL SALVADOR, S.A. DE C.V.
397	MULTIPHONE EL SALVADOR, S.A. DE C.V.	398	MUNDIAL DE TELECOMUNICACIONES EL SALVADOR, S.A. DE C.V.
399	MUNICIPIO DE BOLIVAR	400	MUNICIPIO DE CALUCO
401	MUNICIPIO DE NUEVA GUADALUPE	402	MUNICIPIO DE NUEVO CUSCATLAN
403	MUNICIPIO DE SAN PABLO TACACHICO	404	MUNICIPIO DE TAMANIQUE
405	MUNICIPIO DE TEXISTEPEQUE	406	MUSICAR EL SALVADOR, SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE/MUSICAR EL SALVADOR,
407	MZ COMMUNICATIONS DE EL SALVADOR, S.A. DE C.V.	408	NARCISO ALFREDO MORALES
409	NELSON ANIBAL SARAVIA RIOS	410	NELSON MAURICIO DÍAZ ROSALES
411	NESTLE EL SALVADOR, S.A. DE C.V.	412	NEWCOM EL SALVADOR, S.A. DE C.V.
413	NZT DE EL SALVADOR, S.A. DE C.V.	414	OCEANIC DIGITAL COMMUNICATION OF EL SALVADOR, S.A. DE C.V.
415	OCEANICA, S.A. DE C.V.	416	OFINDA DEL CARMEN RIVERA MOLINA
417	OMEGA ELECTRONICA, S.A. DE C.V.	418	OPERADORA PROTEL DE EL SALVADOR, S.A. DE C.V.
419	ORBCOMM DE EL SALVADOR, S.A.	420	ORION TELECOMMUNICATIONS CORPORATION, S.A. DE C.V. (OTC, S.A. DE C.V.)
421	OSCAR AGUSTIN LOPEZ PLEITEZ Y JOSE DAVID GUARDADO CALDERON	422	OSCAR ALFREDO PARADA BARAHONA
423	OSCAR AMILCAR HERNANDEZ PEREZ	424	OSCAR ANTONIO AVELAR CHINCHILLA
425	OSCAR ERNESTO MONTOYA ARROYO	426	OSCAR ESTEBAN PORTILLO RIVERA
427	OSCAR GUILLERMO CORDERO DEL CID	428	OSCAR RODRIGUEZ GUARDADO
429	OSCAR SAUL AVELAR AZCUNAGA	430	PEDRO EMILIO SILHY MIGUEL
431	PEDRO MANUEL PEREZ GUILLEN	432	PERRY MANAGEMENT CORPORATION, S.A. DE C.V.
433	PESQUERA INDUSTRIAL, S.A. DE C.V.	434	PICK AND SAVE, S.A. DE C.V.
435	PINTEN, S.A. DE C.V.	436	POLICIA NACIONAL CIVIL
437	POMA HERMANOS, S.A. DE C.V.	438	PORFIRIO ALFONSO BONILLA GUZMAN
439	PRESIDENCIA DE LA REPÚBLICA DE EL SALVADOR	440	PRESTOMAR, S.A. DE C.V.
441	PRIETO, S.A.	442	PRINEL, S.A. DE C.V.
443	PROBECA, S.A. DE C.V.	444	PROCARD DE EL SALVADOR, S.A. DE C.V.
445	PROCESOS ELECTRONICOS, S.A. DE C.V.	446	PROCURADURIA PARA LA DEFENSA DE LOS DERECHOS HUMANOS
447	PRODUCTOS AVON, S.A.	448	PROFESIONALES ELECTRONICOS, S.A. DE C.V. (PROEL, S.A. DE C.V.)
449	PROGRAMA DE LAS NACIONES UNIDAS PARA EL DESARROLLO	450	PROGRAMA MUNDIAL DE ALIMENTOS DE NACIONES UNIDAS
451	PROINMU, S.A. DE C.V.	452	PROMASAL, S.A. DE C.V.
453	PROMOTORA DE COMUNICACIONES, S.A. DE C.V.	454	PROTECCIONES INDUSTRIALES, S.A. DE C.V. (PROTIN, S.A. DE C.V.)
455	PROTER, S.A. DE C.V.	456	PROYECTOS MERCANTILES, S.A. DE C.V.



## SECTION IV - Table 12A/12B

SLV	El Salvador		
457	R.A.P., INGENIEROS, S.A. DE C.V.	458	RADIO CADENA CENTRAL, S.A.
459	RADIO CHALATENANGO, S.A. DE C.V.	460	RADIO COMERCIAL, S.A. DE C.V.
461	RADIO CORPORACIÓN DE ORIENTE, S.A. DE C.V. (R.C.O., S.A. DE C.V.)	462	RADIO CORPORACION SALVADOREÑA, S.A. DE C.V.
463	RADIO EL MUNDO, S.A., DE C.V.	464	RADIO EVANGELICA DE ORIENTE, S.A. DE C.V.
465	RADIO EXITOS, S.A.	466	RADIO LA 98, F.M., S.A. DE C.V.
467	RADIO PACHANGUERA, S.A. DE C.V., (RAPA, S.A. DE C.V.)	468	RADIO STEREO SCAN, S.A. DE C.V.
469	RADIO STEREO, S.A. DE C.V.	470	RADIO SYSTEMS, S.A. DE C.V.
471	RADIO TAXIS AMERICA, S.A. DE C.V.	472	RADIO VISION, S.A.
473	RADIOCADENA YSKL, S.A. DE C.V.	474	RADIOCOMUNICACIONES, S.A. DE C.V. (RADIOCOM, S.A. DE C.V.)
475	RADIODIFUSION DE EL SALVADOR, S.A. DE C.V.	476	RADIODIFUSION PROFESIONAL, S.A. DE C.V.
477	RADIODIFUSORAS ASOCIADAS, S.A. DE C.V.	478	RADIOMOVIL, S.A. DE C.V.
479	RADIUS, S.A. DE C.V.	480	RAFAEL AGUILAR AVILA Y COMPAÑIA
481	RAFAEL DUCH MARTINEZ	482	RAFAEL ENRIQUE LIMA SALCEDO
483	RAFAEL HUMBERTO LARIOS	484	RAMAL, S.A. DE C.V.
485	RAMON FRANCISCO LOZANO SALINAS	486	RAMS, S.A. DE C.V.
487	RAUL ERNESTO CARDONA FLORES	488	RAUL MANUEL BUSTILLO MENDOZA
489	RAYMUNDO ERNESTO RODRIGUEZ DIAZ	490	RED TECHNOLOGIES, S.A. DE C.V.
491	REDES Y SISTEMAS TELEFONICOS Y ELECTRICOS, S.A. DE C.V. (RESISTEL, S.A. DE C.V.)	492	REFINERIA PETROLERA ACAJUTLA, LIMITADA DE CAPITAL VARIABLE (RASA, LTDA. DE C.V.)
493	RENACEN, S.A. DE C.V.	494	RENÉ ADOLFO RODRÍGUEZ
495	RENE ROBERTO DOMINGUEZ HERNANDEZ	496	RENOVACION Y DESARROLLO, S.A. DE C.V.
497	REPRESENTACIONES NAVIERAS, S.A. DE C.V.	498	REPUESTOS DIDEA, S.A. DE C.V.
499	REPUESTOS OMAR, S.A. DE C.V.	500	RICARDO ALEJANDRO RECINOS / LUIS ANTONIO RAMOS MENENDEZ
501	ROBERTO DE JESUS TEJADA MARTINEZ	502	ROBERTO SALVADOR MENENDEZ RIOS
503	ROGELIO EDUARDO TOBAR CALVO	504	ROLANDO RAMOS LOPEZ
505	RUBEN DEL CARMEN GONZALEZ MORALES	506	SALNET INTERNACIONAL, S.A. DE C.V. (SALNET INTER, S.A. DE C.V.)
507	SALVADOR ANTONIO GARCIA CASTELLON	508	SAN JUDAS SALVADOR, S.A. DE C.V. (SANJUSAL, S.A. DE C.V.)
509	SANTIAGO ANTONIO ORELLANA AMADOR	510	SANTISIMA TRINIDAD, S.A. DE C.V.
511	SARA JULIA ALDANA VIUDA DE CASTRO	512	SAUL ARCIDES OCHOA
513	SCHLUMBERGER SURENCO, S.A. (SUCURSAL EL SALVADOR)	514	SCOTIABANK EL SALVADOR, S.A.
515	SCSI-EL SALVADOR, S.A. DE C.V.	516	SENSACION, S. A. DE C.V.
517	SERVICIO SALVADOREÑO DE PROTECCION, S.A. DE C.V. (SERSAPRO, S.A. DE C.V.)	518	SIMAN, S.A. DE C.V. (EMPRESA CONSTRUCTORA)
519	SISTEMAS COMESTIBLES, S.A. DE C.V.	520	SISTEMAS DE COMUNICACION, S.A. DE C.V. (SICOM)
521	SISTEMAS DE INTERACCION GLOBAL, S.A. DE C.V. (SING, S.A. DE C.V.)	522	SISTEMAS DE TRANSPORTES, S.A. DE C.V.
523	SKY BEEP INTERNATIONAL, S.A. DE C.V.	524	SOCIÉTÉ INTERNATIONALE DE TELECOMMUNICATIONS AÉRONAUTIQUES
525	SPC INTERNACIONAL SA. DE C.V.	526	STARCOM, SA. DE C.V.
527	STEREO CLUB, S.A. DE C.V.	528	STEREO NOVENTA Y CUATRO PUNTO UNO F.M., S.A. DE C.V.
529	SUPERINTENDENCIA GENERAL DE ELECTRICIDAD Y TELECOMUNICACIONES	530	TACA INTERNATIONAL AIRLINES, S.A.
531	TECNOVISION, S.A. DE C.V.	532	TELE EL SALVADOR, S.A. DE C.V.
533	TELECOMUNICACIONES INTEGRADAS, S.A. DE C.V.	534	TELEFONICA MOVILES EL SALVADOR, S.A. DE C.V.
535	TELEFONICA MULTISERVICIOS, S.A. DE C.V.	536	TELEFONOS CELULARES DE EL SALVADOR, S.A. DE C.V.
537	TELEFONOS DE CENTROAMERICA, S.A. DE C.V. (TELECASA, S.A. DE C.V.)	538	TELEFUTURO, S.A. DE C.V.
539	TELEGLOUSA, INC. SUCURSAL EL SALVADOR	540	TELEMOVIL EL SALVADOR, S.A. DE C.V.
541	TELEONDA MUSICAL, S.A. DE C.V.	542	TELESISTEMAS, S.A. DE C.V. (TELESIS, S.A. DE C.V.)
543	TELEVIP, S.A. DE C.V.	544	TELEVISION INDEPENDIENTE, S.A. DE C.V.
545	TELEVISION ORIENTAL, S.A. DE C.V. / TVO, S.A. DE C.V.	546	TELPRO, S.A. DE C.V.
547	TERRACERIAS, PAVIMENTACIONES, VIVIENDAS E INVERSIONES, S.A. DE C.V.	548	TEXACO CARIBBEAN INC.
549	THE BOEING COMPANY	550	TRICOM, S.A. DE C.V.
551	TROPIGAS DE EL SALVADOR S.A.	552	TV JUVENTUD, S.A. DE C.V.
553	TVC NETWORK, S.A. DE C.V.	554	TVRED, S.A. DE C.V.
555	ULTRAVOZ, S.A. DE C.V.	556	UNIDAD DE TRANSACCIONES, S.A. DE C.V. (UT, S.A. DE C.V.)
557	UNILINK, S.A. DE C.V.	558	UNITED AIRLINES, INC.

## SECTION IV - Table 12A/12B

<b>SLV</b>	El Salvador		
559	UNITED PARCEL SERVICE CO. SUCURSAL EL SALVADOR	560	UNITEL, S.A. DE C.V.
561	UNITELCO, S.A. DE C.V.	562	UNIVERSAL TELECOM, S.A. DE C.V.
563	UNIVERSIDAD AUTONOMA DE SANTA ANA (UNASA)	564	UNIVERSIDAD CENTROAMERICANA JOSÉ SIMEÓN CAÑAS
565	UNIVERSIDAD DE EL SALVADOR	566	UNIVERSIDAD DON BOSCO.
567	UNIVERSIDAD FRANCISCO GAVIDIA	568	URBADESA, S.A. DE C.V.
569	V.S.R. EL SALVADOR, S.A. DE C.V.	570	VASQUEZ BONILLA TELECOMUNICACIONES, S.A. DE C.V./VB TELECOMUNICACIONES, S.A. DE C.V.
571	VICEMINISTERIO DE TRANSPORTE	572	VICENTE VASQUEZ
573	WACKENHUT DE EL SALVADOR, S.A. DE C.V.	574	WILLIAM ALEXANDER RODRIGUEZ
575	WORLDXCHANGE COMMUNICATIONS, S.A. DE C.V.	576	XAPPA, S.A. DE C.V.
577	YSEC ESTEREO CARNAVAL, S.A. DE C.V.	578	YSLN LA MONUMENTAL, S.A. DE C.V.
579	YSLR, LA ROMANTICA, S.A. DE C.V.	580	YSU RADIO CADENA, S.A. DE C.V.
581	YSU TV CANAL CUATRO, S.A.	582	ZONA FRANCA DE EXPORTACION EL PEDREGAL, S.A.

<b>SMA</b>	American Samoa		
<b>A</b>	FEDERAL COMMUNICATIONS COMMISSION INTERNATIONAL BUREAU ATTENTION: MR. RICHARD B. ENGELMAN 2000 M STREET ROOM 868, STOP CODE #0800C WASHINGTON DC 20554 / UNITED STATES OF AMERICA TELEFAX: +1 202 418 1208 TELEX: 025 VIA TWX 7108220160		
<b>B</b>	DEPARTMENT OF STATE WASHINGTON D.C. 20520		
001	COMSAT		

<b>SMO</b>	Samoa		
<b>A</b>	THE CHIEF EXECUTIVE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY 1ST FLOOR CA & CT PLAZA, SAVALALO PRIVATE BAG APIA SAMOA (INDEPENDEN STATE OF) TELEFAX: +685 24671 TELEX: 077964220 PTRGMS SX PHONE: +685 26117 EMAIL: a.ahsam@samoa.ws		
001	SAMOAN GOVERNMENT	002	DEPARTMENT OF CIVIL AVIATION
003	"PRIVATE"		

<b>SMR</b>	San Marino		
<b>A</b>	DIREZIONE GENERALE POSTE E TELECOMUNICAZIONI CONTRADA OMERELLI, 17 SAINT-MARIN A-2 47031 SAN MARINO TELEFAX: +378 992760 TELEX: 0505 280 DIRPOSTE SO EMAIL: DIRPOSTE@OMNIWAY.SM		
001	INTELCOM SAN MARINO S.P.A		

## SECTION IV - Table 12A/12B

<b>SNG</b>	Singapore
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<b>A</b>	SPECTRUM MANAGEMENT DEPARTMENT TELECOMMUNICATIONS AUTHORITY OF SINGAPORE 35 ROBINSON ROAD TAS BUILDING SINGAPORE 068876 / REPUBLIC OF SINGAPORE TELEFAX: +65 323 1481 TELEX: 087 RS20319 SINTAS		
<b>001</b>	GOVERNMENT OF SINGAPORE	<b>002</b>	SINGAPORE TELECOM PTE LTD.
<b>003</b>	MINISTRY OF DEFENCE, SINGAPORE	<b>004</b>	POLICE DEPARTMENT
<b>005</b>	METEOROLOGICAL OFFICE	<b>006</b>	BRITISH BROADCASTING CORPORATION
<b>007</b>	NTUC VOICE CO-OPERATIVE SOCIETY LTD.	<b>008</b>	SAFRA (SINGAPORE ARMED FORCES RESERVISTS' ASSOCIATION)
<b>009</b>	CIVIL AVIATION AUTHORITY OF SINGAPORE	<b>010</b>	PRIVATE BUSINESS OPERATOR
<b>011</b>	SINGAPORE BROADCASTING CORP. P.O.BOX 1902, SINGAPORE	<b>012</b>	SAFRA NATIONAL SERVICE ASSOCIATION
<b>013</b>	INFOCOMM DEVELOPMENT AUTHORITY OF SINGAPORE	<b>014</b>	NANYANG TECHNOLOGICAL UNIVERSITY (NTU), SATELLITE RESEARCH CENTRE (SARC)
<b>015</b>	NATIONAL UNIVERSITY OF SINGAPORE	<b>016</b>	SPIRE GLOBAL SINGAPORE PTE.LTD.

<b>SOM</b>	Somalia (Rep. Federal of)
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<b>A</b>	MINISTRY OF INFORMATION POST & TELECOMMUNICATION C/O HUSSIEN MOHAMED COUNSELLOR SOMALI EMBASSY ABU DHABI PO BOX 59907 ABU DHABI UNITED ARAB EMIRATES EMAIL: ADMIN@MIPT.GOV.SO EMAIL: MI@MIPT.GOV.SO		
<b>B</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100		
<b>C</b>	POSTS AND TELECOMMUNICATIONS, P.O. BOX 11, HARGEISA		
<b>001</b>	DIRECTION DES POSTES ET TELECOMMUNICATIONS, MOGADISCIO	<b>002</b>	POLICE
<b>003</b>	MINISTERE DE LA DEFENSE	<b>004</b>	AERONAUTIQUE
<b>005</b>	SOMALI GULF OIL CO.	<b>006</b>	INTERNATIONAL AERADIO LTD.
<b>007</b>	MINISTRY OF PORTS AND MARINE TRANSPORT	<b>008</b>	PUBLIC WORKS DEPARTMENT
<b>011</b>	MINISTRY OF INFORMATION		

<b>SPM</b>	Saint Pierre and Miquelon (Territorial Collectivity of)
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<b>A</b>	DIRECTION DES POSTES ET TELECOMMUNICATIONS, S. PIERRE ET MIQUELON
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## SECTION IV - Table 12A/12B

<b>SPM</b>	Saint Pierre and Miquelon (Territorial Collectivity of)	
<b>B</b>	MONSIEUR LE DIRECTEUR GENERAL AGENCE NATIONALE DES FREQUENCES 78, AVENUE DU GENERAL DE GAULLE - BP400 94704 MAISONS ALFORT CEDEX FRANCE EMAIL: earthcoord@anfr.fr (Stations terriennes) EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes) EMAIL: tercoord@anfr.fr (Services de Terre) TELEFAX: +33 1 45 18 73 90 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 45 18 73 90 (Stations terriennes)	
<b>001</b>	ADMINISTRATION DES ILES S. PIERRE ET MIQUELON	<b>002</b> ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS
<b>003</b>	TRAVAUX PUBLICS ILES S. PIERRE ET MIQUELON	<b>004</b> CONSEIL SUPERIEUR DE L'AUDIOVISUEL
<b>005</b>	AVIATION CIVILE	<b>009</b> DEFENSE NATIONALE
<b>010</b>	AERONAUTIQUE MILITAIRE FRANCAISE	<b>011</b> GENDARMERIE NATIONALE
<b>018</b>	METEOROLOGIE	<b>034</b> CENTRE DE GESTION DES RADIOCOMMUNICATIONS
<b>SRB</b>	Serbia	

<b>A</b>	REPUBLIC TELECOMMUNICATION AGENCY VISNJICEVA 8 11000 BELGRADE REPUBLIC OF SERBIA TELEFAX: +381 11 3242 673 PHONE: +381 11 324 2673 EMAIL: ratel@ratel.org.rs TELEX: 062 12405 UPRADIO YU	
<b>B</b>	DIRECTION DES RADIOCOMMUNICATIONS BEOGRAD	
<b>D</b>	THE CHAIRMAN AND THE DIRECTOR GENERAL SUDAN TELECOMMUNICATIONS CORPORATION MINISTRY OF TRANSPORT AND COMMUNICATION KHARTOUM TELEX: 098422299 GENTL SD	
<b>E</b>	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MUDURLUGU (TGM) 06510 EMEK - ANKARA TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR	
<b>F</b>	MINISTERE DES AFFAIRES ETRANGERES HELSINKI	
<b>001</b>	JUGOSLAVENSKI AERO TRANSPORT	<b>002</b> ADMINISTRATION MARITIME
<b>003</b>	RADIO-NOVI SAD	<b>005</b> RADIO BEOGRAD SAVEZNE VLADE FNRJ
<b>008</b>	RADIOTELEVIZIJA TITOGRAĐ	<b>011</b> RADIOTELEVIZIJA BEOGRAD
<b>014</b>	EMBASSY OF THE REPUBLIC OF TURKEY	<b>015</b> COMMUNAUTE DES PTT, BEOGRAD
<b>018</b>	AMBASSADE DE FINLANDE	<b>019</b> BNC INTERPOL, BEOGRAD
<b>023</b>	UPRAVA CIVILNOG VAZDUHOPLOVSTVA, BEOGRAD	<b>024</b> SECRETARIAT DU TRANSPORT ET DES COMMUNICATIONS
<b>025</b>	EMBASSY OF THE REPUBLIC OF SUDAN	<b>026</b> DIRECTION HYDROMETEOROLOGIQUE FEDERALE, BEOGRAD
<b>027</b>	GOUVERNEMENT DE LA SUEDE	<b>030</b> CHEMIN DE FER YOUGOSLAVE
<b>031</b>	RADIOTELEVIZIJA PRISTINA	<b>032</b> PRESS AGENCE TANJUG

## SECTION IV - Table 12A/12B

<b>SRL</b>	Sierra Leone
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**A** THE MANAGING DIRECTOR  
SIERRA LEONE TELECOMMUNICATIONS COMPANY  
(SIERRATEL), PO BOX 80  
7, WALLACE JOHNSON STREET  
FREETOWN / SIERRA LEONE  
TELEX: +232 22 229 733  
PHONE: +232 22 222 804

<b>001</b>	SIERRA LEONE EXTERNAL TELECOMMUNICATIONS	<b>002</b>	POSTS AND TELECOMMUNICATIONS
<b>003</b>	CIVIL AVIATION	<b>004</b>	POLICE FORCE
<b>005</b>	AMERICAN WESLEYAN MISSION	<b>006</b>	INFORMATION AND BROADCASTING
<b>007</b>	OTHER GOVERNMENT DEPARTMENTS	<b>008</b>	SIERRA LEONE SELECTION TRUST
<b>009</b>	FISHERIES DIVISION	<b>011</b>	SIERRA LEONE DIAMOND CORPORATION
<b>012</b>	SIERRA LEONE PORTS AUTHORITY	<b>013</b>	PUBLIC WORKS
<b>014</b>	GEOLOGICAL SURVEY	<b>015</b>	MINISTRY OF EXTERNAL AFFAIRS
<b>016</b>	TAYLORWOODROW	<b>017</b>	CHRISTIAN RADIO NETWORK
<b>018</b>	SOLAR COMM		

<b>SSD</b>	South Sudan (Republic of)
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**A** Ministry of Telecommunications and Postal Services  
P.O. Box 33  
JUBA  
South Sudan  
EMAIL: info@motps.goss.org  
PHONE: +211 9123 94207  
PHONE: +211 9771 02623  
TELEFAX: +211 8118 20188

**001** NATIONAL COMMUNICATIONS AUTHORITY - NCA

<b>STP</b>	Sao Tome and Principe
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**A** C.S.T. COMPANHIA SANTOMENSE DE TELECOMUNICACOES  
CAIXA POSTAL 141  
SAO TOME  
TELEFAX: +239 12 22500  
TELEX: 0967 233 CST ST  
PHONE: +239 22 22 26

<b>001</b>	SERVICOS T. AEREOS	<b>002</b>	POSTES, TELEGRAPHES ET TELEPHONES
<b>003</b>	RADIO CLUBE DE S. TOME, S. TOME	<b>004</b>	MINISTERIO DA MARINHA
<b>005</b>	SERVICO DE AERONAUTICA CIVIL		

<b>SUI</b>	Switzerland
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**A** FEDERAL OFFICE OF COMMUNICATION  
ZUKUNFTSTRASSE 44  
CH-2501 BIEL-BIENNE  
SUISSE  
TELEFAX: +41 58 463 18 24  
EMAIL: info@bakom.admin.ch

**B** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696

## SECTION IV - Table 12A/12B

<b>SUI</b>	Switzerland
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<p><b>C</b> OFFICE DES NATIONS UNIES A GENEVE PALAIS DES NATIONS CH - 1211 GENEVE 10 TELEX: 289696 UNO CH</p> <p><b>D</b> BUNDESNETZAGENTUR FUR ELEKTRIZITAT, GAS, TELEKOMMUNIKATION, POST UND EISENBAHNEN CENTRALIZING OFFICE OF THE RADIO MONITORING SERVICE P.O. BOS 80 01 D - 55003 MAINS TELEX: 04187404 MONI D</p> <p><b>001</b> RADIO-SUISSE S.A. <b>003</b> OFFICE FEDERAL DE L'AIR <b>005</b> UNITED NATIONS <b>010</b> MISSION DES ETATS-UNIS <b>012</b> EPFL - ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE <b>014</b> SPACEPHARMA SA <b>016</b> ASTROCAST SA</p>	<p><b>002</b> OFFICE FEDERAL DE LA COMMUNICATION <b>004</b> SERVICE RADIOPOLICE <b>009</b> SUDWESTFUNK, BADEN-BADEN <b>011</b> INSTITUTE OF ASTRONOMY <b>013</b> UNIVERSITY OF APPLIED SCIENCES OF SOUTHERN SWITZERLAND (SUPSI) <b>015</b> INMARSAT SA</p>
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<b>SUR</b>	Suriname
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<p><b>A</b> TELECOMMUNICATIE AUTORITEIT SURINAME DR. J.F. NASSYLAAN 23 P.O. BOX 3013 PARAMARIBO TELEX: 0304 131 TELESUR SN TELEFAX: +597 421465 PHONE: +597 421464</p> <p><b>001</b> KLM AEROCARTO <b>003</b> MISSIONARY AVIATION FELLOWSHIP (M.A.F.) <b>005</b> PATER AHLBRINCK STICHTING (P.A.S.) <b>007</b> STICHTING RADIO SURINAME <b>009</b> RADIO PARAMARIBO <b>011</b> AMPIE BROADCASTING CORPORATION (ABC) <b>013</b> RADIO APINTIE <b>015</b> WATERLOPKUNDIGEDIENST (WLA) <b>017</b> OEMRAWSINGH <b>019</b> OPBOUW <b>021</b> BILLITON <b>023</b> WATERKRACHT WERKEN (BWKW) <b>025</b> RUSTWIJK <b>027</b> SOHANSINGH <b>029</b> GEOLOGISCH MIJNBOWKUNDIGEDIENST (GMD) <b>031</b> LANDBOUW VEETEELT VISSERIJ (LVV) <b>033</b> FAO <b>035</b> ANSOE <b>038</b> GRASSALCO <b>040</b> MEDIZEBS <b>042</b> EVABGELISCHE BROEDER GEMEENTE (EBG) <b>044</b> MADURO <b>046</b> BRUYNZEEL <b>048</b> LAWAW GOULVELDEN <b>050</b> I.F.M. <b>052</b> DIENST HOGERE GEODESIE <b>054</b> SESCON GROUP <b>056</b> HAVENDIENST (LHD)</p>	<p><b>002</b> SURINAM SKY FARMERS <b>004</b> SURINAAMSE LUCHTVAART MIJ (S.L.M.) <b>006</b> GUMAIR <b>008</b> STICHTING RADIO OMROEP SURINAME (SRS) <b>010</b> RADIKA <b>012</b> RADIO RANI (NICKERIE) <b>014</b> STICHTING MAMEZE <b>016</b> ESSO <b>018</b> VAN KESSEL <b>020</b> B.L.O. <b>022</b> SURALCO <b>024</b> ILACO <b>026</b> GANDHI <b>028</b> PLACER <b>030</b> ENERGIE BEDRIJVEN SURINAME (EBS) <b>032</b> LANDSBOSBEHEER (LBB) <b>034</b> INDEPENDENT FAITH MISSION (IFM) <b>036</b> ALGEMEN SURINAMSE WEGENBOUW (ASW) <b>039</b> SURINAM INTERIOR FELLOWSHIP (SIF) <b>041</b> SURINAM INSTITUT OF LINGUISTIC (SIL) <b>043</b> EXPLOITATIE MAATSCHAPPY SURINAME <b>045</b> LUCHTVAARTIENST (LVD) <b>047</b> SOHANSINGH <b>049</b> CENTR. BUR. LUCHTKART (CBL) <b>051</b> DIENST BODEM KARTERING <b>053</b> H.A.B. <b>055</b> VICTORIA</p>
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## SECTION IV - Table 12A/12B

<b>SVK</b>	Slovakia
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- A** REGULATORY AUTHORITY FOR ELECTRONIC COMMUNICATIONS AND POSTAL SERVICES  
TOVARENSKA 7  
P.O. BOX 40  
828 55 BRATISLAVA 24  
SLOVAK REPUBLIK  
EMAIL: frequency@teleoff.gov.sk  
TELEFAX: +421 2 52 932 096
- |            |  |            |  |
|------------|--|------------|--|
| <b>001</b> | MINISTRY OF POSTS AND TELECOMMUNICATIONS | <b>002</b> | MINISTERE DES TRANSPORTS                               |
| <b>003</b> | SLOVANSKY ROZHLAS A TELEVIZE             | <b>007</b> | MISSION DIPLOMATIQUE ACCREDITEE DANS LA R.SLOVAQUE     |
| <b>008</b> | HMU, BRATISLAVA                          | <b>009</b> | SLOVAK ORGANISATION FOR SPACE ACTIVITIES (SOSA)        |
| <b>010</b> | TOWERCOM, A.S.                           | <b>011</b> | TECHNICAL UNIVERSITY OF KOSICE, FACULTY OF AERONAUTICS |

<b>SVN</b>	Slovenia
------------	----------

- A** AGENCY FOR COMMUNICATION NETWORKS AND SERVICES OF THE REPUBLIC OF SLOVENIA  
STEGNE 7, POB 418  
SI-1000 LJUBLJANA  
REPUBLIC OF SLOVENIA  
TELEFAX: +386 1 511 11 01  
EMAIL: info.box@atrp.si  
PHONE: +386 1 583 63 00
- |            |   |            |                                |
|------------|---|------------|--------------------------------|
| <b>009</b> | RADIOTELEVIZIJA SLOVENIJA   | <b>015</b> | POSTA SLOVENIJE                |
| <b>016</b> | TELEKOM SLOVENIJE   | <b>023</b> | UPRAVA RS ZA CIVILNO LETALSTVO |
| <b>024</b> | MINISTRSTVO ZA PROMET   | <b>025</b> | MINISTRSTVO ZA GOSPODARSTVO    |
| <b>026</b> | AGENCIJA REPUBLIKE SLOVENIJE ZA OKOLJE  | <b>030</b> | SLOVENSKE ZELEZNICE            |
| <b>031</b> | UNIVERSITY OF MARIBOR, FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE |            |                                |

<b>SWZ</b>	Swaziland
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- A** THE MANAGING DIRECTOR  
SWAZILAND POSTS AND TELECOMMUNICATIONS CORPORATION (SPTC)  
P.O. BOX 125  
MBABANE  
KINGDOM OF ESWATINI  
TELEFAX: +268 40 44500  
TELEX: 0964 2033 WD
- B** THE POSTMASTER GENERAL,  
DEPARTMENT OF POSTS AND TELECOMMUNICATIONS  
PRIVATE BAG X860  
PRETORIA 0001  
TELEX: 095 357793 = RADIO
- |            |   |            |   |
|------------|---|------------|---|
| <b>001</b> | SWAZILAND GOVERNMENT                            | <b>002</b> | DIRECTOR OF CIVIL AVIATION                    |
| <b>003</b> | DEPARTMENT OF POSTS AND TELECOMMUNICATIONS      | <b>004</b> | SWAZILAND COMMERCIAL RADIO (PTY) LTD.         |
| <b>005</b> | PRIVATE   | <b>006</b> | TRANS WORLD RADIO                             |
| <b>007</b> | SWAZILAND BROADCASTING SERVICE, BOX338, MBABANE | <b>008</b> | SWAZILAND TELEVISION BROADCASTING CORPORATION |

## SECTION IV - Table 12A/12B

<b>SXM</b>	St. Maarten (Dutch part)
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- A** MINISTRY OF ECONOMIC AFFAIRS, AGRICULTURE AND INNOVATION  
RADIO COMMUNICATIONS AGENCY  
P.O. BOX 450  
9700 AL GRONINGEN  
TELEFAX: +31 50 58 77 400  
PHONE: +31 50 58 77 555  
EMAIL: info@agentschaptelecom.nl
- B** BUREAU TELECOMMUNICATIONS AND POST  
ST. MAARTEN  
P.O. BOC 5054  
PHILIPSBURG  
ST. MAARTEN  
TELEFAX: +1 721 542 4817  
PHONE: +1 721 542 5557  
EMAIL: info@sxmregulator.com

<b>SYR</b>	Syrian Arab Republic
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- A** SYRIAN TELECOMMUNICATIONS ESTABLISHMENT  
DIRECTORATE OF RADIO FREQUENCIES  
MAZEH AUTOSTRAD - HEADQUARTER BUILDING  
DAMASCUS  
SYRIAN ARAB REPUBLIC  
TELEFAX: +963 11 612 12 08  
TELEX: 0492 411015 / GENTEL  
PHONE: +963 11 224 03 00
- B** UNITED NATIONS  
FOR THE ATTENTION OF THE CHIEF  
OF TELECOMMUNICATIONS OPERATIONS SECTION  
ROOM S2035  
NEW YORK NY10017  
UNITED STATES  
TELEX: 023289696
- C** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS  
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)  
06510 EMEK - ANKARA,  
TURKEY  
TELEFAX: +90 312 2213226  
TELEX: 060744371 TGM TR
- D** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S
- E** THE UNDER SECRETARY  
MINISTRY OF COMMUNICATIONS  
KUWAIT  
TELEX: 0496 US PTT 22197 KT

<b>001</b>	SWEDISH GOVERNMENT	<b>002</b>	EMBASSY OF THE REPUBLIC OF TURKEY
<b>003</b>	EMBASSY OF THE STATE OF KUWAIT	<b>004</b>	SYRIAN PUBLIC TELECOMM. ESTABL
<b>006</b>	IRAQ PETROLEUM CO.	<b>007</b>	UNITED NATIONS
<b>008</b>	CIVIL AVIATION		



## SECTION IV - Table 12A/12B

<b>TCA</b>	Turks and Caicos Islands
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- A** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
EMAIL: ifc.enquiries@ofcom.org.uk  
PHONE: +44 20 7981 3100
- B** THE POSTMASTER,  
GENERAL POST OFFICE,  
GRAND TURK, TURKS AND CAICOS ISLANDS (WEST INDIES)  
TELEX: 212 TUR CAICOS TQ
- C** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520
- |            |  |            |                                     |
|------------|--|------------|-------------------------------------|
| <b>001</b> | CABLE AND WIRELESS (W.I.) LTD., LONDON | <b>002</b> | PAN AMERICAN WORLD AIRWAYS          |
| <b>003</b> | COMMISSIONER, TURKS AND CAICOS ISLANDS | <b>004</b> | TURKS AND CAICOS ISLANDS GOVERNMENT |
| <b>005</b> | OCEAN HARVESTERS LTD.                  |            |                                     |

<b>TCD</b>	Chad
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- A** SOLTEL TCHAD  
BP: 1132  
N'DJAMENA  
TELEFAX: +235 252 14 03 / 252 14 42  
TELEX: 0976 MINIPT 5254 KD
- B** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AV. DU GENERAL DE GAULLE - BP400  
94 704 MAISONS ALFORT CEDEX  
FRANCE  
TELEFAX: +33 1 45187231
- C** COMPAGNIE FRANCAISE DE CABLES SOUS-MARINS  
ET DE RADIO (FRANCE CABLES ET RADIO)  
7, RUE DU QUATRE-SEPTEMBRE  
F - 75002 PARIS  
TELEX: FCR X 220731F
- |            |   |            |   |
|------------|---|------------|---|
| <b>001</b> | FORCES TERRESTRES FRANCAISES                          | <b>003</b> | AERONAUTIQUE MILITAIRE FRANCAISE  |
| <b>004</b> | AERONAUTIQUE CIVILE (A.S.E.C.N.A.)                    | <b>006</b> | T.I.T. - TELECOMMUNICATIONS<br>INTERNATIONALES DE LA REPUBLIQUE DU<br>TCHAD |
| <b>008</b> | OFFICE EQUATORIAL DES POSTES ET<br>TELECOMMUNICATIONS | <b>010</b> | RESEAU DE GENDARMERIE NATIONALE   |
| <b>011</b> | DIRECTION DES AFFAIRES MILITAIRES                     | <b>013</b> | SOCIETES ET CIES PRIVEES CONTROLEES<br>PAR L'OFFICE EQUATORIAL DES P. ET T. |
| <b>014</b> | RADIODIFFUSION NATIONALE                              | <b>016</b> | ARMEE NATIONALE TERRESTRE   |
| <b>017</b> | ARMEE NATIONALE AERIENNE                              | <b>018</b> | RESEAUX DE SECURITE   |
| <b>019</b> | GARDE NATIONALE ET NOMADE                             |            |   |

<b>TGO</b>	Togo
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- A** MONSIEUR LE DIRECTEUR GENERAL  
AGENCE NATIONALE DES FREQUENCES  
78, AV. DU GENERAL DE GAULLE - BP400  
94 704 MAISONS ALFORT CEDEX  
FRANCE  
TELEFAX: +33 1 45187231

## SECTION IV - Table 12A/12B

TGO	Togo		
B	AUTORITE DE REGLEMENTATION DES SECTEURS DE POSTE ET DE TELECOMMUNICATIONS BOITE POSTALE 385 LOME REPUBLIQUE TOGOLAISE TELEFAX: +228 22 86 12 EMAIL: artp@togotel.net.tg		
002	SERVICE MARITIME DES T.P. TOGO ET P. TELECOMMUNICATIONS	003	POSTES ET TELECOMMUNICATIONS
004	AERONAUTIQUE CIVILE (A.S.E.C.N.A.)	005	MARINE NATIONALE
006	ADMINISTRATION LOCALE	007	AERONAUTIQUE MILITAIRE FRANCAISE
008	SERVICE GEOGRAPHIQUE	009	SATELIT - SOCIETE AUTONOME DES TELECOMMUNICATIONS INTERNATIONALES DU TOGO
011	SERVICE DE LA RADIODIFFUSION	012	COMITE INTERNATIONAL DE LA CROIX-ROUGE

THA	Thailand		
A	NATIONAL BROADCASTING AND TELECOMMUNICATIONS COMMISSION (NBTC) 87 SOI SAILOM PHAHOLYOTHIN ROAD PHAYATHAI BANGKOK 10400 THAILAND PHONE: +662 272 7054 TELEFAX: +662 271 3512 PHONE: +662 272 6888 TELEFAX: +662 278 1736 TELEX: 08682503 DEPOSTE TH		
B	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEX: 023289696		
001	OFFICE OF THE NATIONAL BROADCASTING AND TELECOMMUNICATIONS COMMISSION	003	DEPARTMENT OF LAND TRANSPORT
004	ROYAL THAI AIR FORCE	005	PORT AUTHORITY OF THAILAND
006	THE GOVERNMENT PUBLIC RELATIONS DEPARTMENT	007	ROYAL THAI ARMY
008	ROYAL THAI POLICE	009	MINISTRY OF FOREIGN AFFAIRS
010	ROYAL THAI NAVY	011	MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT
012	STATE RAILWAY OF THAILAND	013	ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC, UNITED NATIONS
014	THAI CUSTOMS DEPARTMENT	015	AERONAUTICAL RADIO OF THAILAND COMPANY LIMITED
016	CHIANG MAI UNIVERSITY	017	UNITED NATIONS
018	MINISTRY OF INTERIOR	019	MCOT PUBLIC COMPANY LIMITED
020	TOT PUBLIC COMPANY LIMITED	021	MARINE DEPARTMENT
022	CHULALONGKORN UNIVERSITY	023	MINISTRY OF EDUCATION
024	METROPOLITAN ELECTRICTY AUTHORITY	025	THAI MARINE POLICE DIVISION
026	HIGHWAY PATROL, POLICE DEPARTMENT	027	KASETSART UNIVERSITY
028	DEPARTMENT OF FISHERIES	029	DEFENCE ENERGY DEPARTMENT
030	DEPARTMENT OF HIGHWAYS	031	EXPRESS TRANSPORTATION ORGANIZATION (ETO)
032	THAI METEOROLOGICAL DEPARTMENT	033	GOVERNMENT SAVING BANK
034	THE CIVIL AVIATION AUTHORITY OF THAILAND	035	JUSMAG (THAILAND)
036	CAT TELECOM PUBLIC COMPANY LIMITED	037	THAICOM PUBLIC COMPANY LIMITED
038	THAI SATELLITE TELECOMMUNICATIONS COMPANY LIMITED	039	GEO-INFORMATICS AND SPACE TECHNOLOGY DEVELOPMENT AGENCY (PUBLIC ORGANIZATION) -GISTDA
040	THAI PUBLIC BROADCASTING SERVICE	041	PTT PUBLIC COMPANY LIMITED
042	STAR PETROLEUM REFINING CO., LTD	043	INDUSTRIAL ESTATE AUTHORITY OF THAILAND
044	PTT LNG CO.,LTD.	045	RAYONG TERMINAL CO.,LTD.
046	THAIOIL CO.,LTD.	047	OCEAN PROPERTY LTD.

## SECTION IV - Table 12A/12B

<b>THA</b>	Thailand		
048	AERONAUTICAL RADIO OF THAILAND LTD.	049	ROYAL THAI ARMED FORCES HEADQUARTER
050	THE SECRETARIAT OF THE HOUSE OF REPRESENTATIVES	051	BANGKOK METROPOLITAN ADMINISTRATION
052	DEPARTMENT OF AGRICULTURAL EXTENSION	053	BUREAU OF THE ROYAL HOUSEHOLD
054	RAJAMANGALA UNIVERSITY OF TECHNOLOGY THANYABURI	055	THAMMASAT UNIVERSITY
056	PRINCE OF SONGKLA UNIVERSITY	057	NARESUAN UNIVERSITY
058	MAHASARAKHAM UNIVERSITY	059	KHON KAEN UNIVERSITY
060	KING MONGKUT'S UNIVERSITY OF TECHNOLOGY NORTH BANGKOK (KMUTNB)	061	THE RADIO AMATEUR SOCIETY OF THAILAND UNDER THE PATRONAGE OF HIS MAJESTY THE KING (RAST)
062	NAVAMINDA KASATRIYADHIRAJ ROYAL AIR FORCE ACADEMY (NKRAFA)	063	BANGKOK CHRISTIAN COLLEGE

<b>TJK</b>	Tajikistan	
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**A** MINISTRY OF TRANSPORT AND COMMUNICATIONS  
INTERNATIONAL RELATIONS DEPARTMENT  
AINI 14  
734042 DUSHANBE  
REPUBLIC OF TAJIKISTAN  
PHONE: +992 372 21 22 84  
TELEFAX: +992 372 212953  
TELEX: 07870201119 SVIAZ TJ

001 JSC Teleradiocom

<b>TKL</b>	Tokelau	
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**A** MINISTRY OF COMMERCE  
RADIO SPECTRUM MANAGEMENT GROUP  
33 BOWEN STREET  
P.O. BOX 2847  
WELLINGTON / NOUVELLE ZELANDE  
TELEFAX: +64 4 499 0797

001 NEW ZEALAND GOVERNMENT

<b>TKM</b>	Turkmenistan	
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**A** MINISTRY OF COMMUNICATIONS OF TURKMENISTAN  
ZHITNIKOVA STREET 36  
ASHGABAT  
REPUBLIC OF TURKMENISTAN  
TELEFAX: +73 632 290420  
TELEX: 0789 228129 PTO TM

<b>TLS</b>	Timor-Leste (Dem. Rep. of)	
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**A** POSTES, TELEGRAPHES ET TELEPHONES  
DILI

**B** INSTITUTO DAS COMUNICACOES DE PORTUGAL  
AV. JOSE MALHOA N.0 12  
1070 LISBOA  
TELEX: 040466325 ICP P

## SECTION IV - Table 12A/12B

<b>TLS</b>	Timor-Leste (Dem. Rep. of)
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**C** DIRECTORATE GENERAL OF POSTS AND  
TELECOMMUNICATIONS  
JL MEDAN MERDEKA BARAT 16-19  
JAKARTA 10110  
TELEX: 073 44407 POSTEL IA

<b>001</b>	POSTES, TELEGRAPHES ET TELEPHONES	<b>002</b>	MINISTERIO DA MARINHA
<b>003</b>	DIRECCAO-GERAL DE AERONAUTICA CIVIL	<b>004</b>	COMPANHIA PORTUGUESA RADIO MARCONI

<b>TON</b>	Tonga
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**A** CHIEF SECRETARY AND SECRETARY TO CABINET  
PRIME MINISTER'S OFFICE  
PO BOX 62  
NUKU'ALOFA  
KINGDOM OF TONGA  
TELEFAX: +676 23888  
TELEX: 077766269 PRIMO TS

**B** MINISTRY OF METEOROLOGY, ENERGY, INFORMATION, DISASTER MANAGEMENT, ENVIRONMENT, CLIMATE  
CHANGE AND COMMUNICATIONS (MEIDECC)  
NUKU' ALOFA, TONGA  
P.O BOX 1380  
TELEFAX: +676 24861

<b>001</b>	TELEGRAPH AND TELEPHONE DEPARTMENT, NUKUALOFA	<b>002</b>	CIVIL AVIATION DEPARTMENT
<b>003</b>	GOVERNMENT OF TONGA	<b>004</b>	TONGA BROADCASTING COMMISSION
<b>005</b>	POLICE DEPARTMENT	<b>006</b>	TONGA AIR SERVICE LTD.
<b>007</b>	TONGA TOURIST AND DEVELOPMENT CO LTD.	<b>008</b>	CABLE AND WIRELESS PLC
<b>009</b>	FRIENDLY ISLANDS SATELLITE COMMUNICATIONS, LTD. (TONGASAT)	<b>010</b>	TONGA TELECOMMUNICATIONS COMMISSION, TTC
<b>011</b>	HELLAS-SAT CONSORTIUM LIMITED		

<b>TRC</b>	Tristan da Cunha
------------	------------------

**A** DEPARTMENT OF TRANSPORT,  
DIVISION OF CIVIL AVIATION,  
PRETORIA

**B** ADMINISTRATOR,  
TRISTAN DA CUNHA

**C** INTERNATIONAL FREQUENCY COORDINATION  
SPACE SERVICES UNIT  
OFCOM  
2A SOUTHWARK BRIDGE ROAD  
LONDON SE1 9HA  
TELEFAX: +44 20 7981 3208  
TELEX: 051261969 DTI WBH G  
PHONE: +44 20 7981 3100

<b>001</b>	DEPARTMENT OF TRANSPORT, DIVISION OF CIVIL AVIATION	<b>002</b>	SOUTH AFRICAN GOVERNMENT
<b>003</b>	TRISTAN DA CUNHA DEVELOPMENT CO. LTD.	<b>004</b>	THE PROUDMAN OCEANOGRAPHIC LABARATORY

## SECTION IV - Table 12A/12B

<b>TRD</b>	Trinidad and Tobago
------------	---------------------

**A** INFORMATION AND COMMUNICATION TECHNOLOGY DIVISION  
3RD FLOOR, LORD HARRIS COURT  
52 PEMBROKE STREET  
MARAVAL, PORT OF SPAIN  
TRINIDAD AND TOBAGO  
TELEFAX: +1 868 622 4783  
TELEX: 029422293 telecom wg  
EMAIL: caclark@trinidad.net

**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

**C** THE PERMANENT SECRETARY  
MINISTRY OF PUBLIC UTILITIES AND  
NATIONAL TRANSPORTATION  
16 - 18 SACKVILLE STREET  
PORT OF SPAIN

<b>001</b>	CABLE AND WIRELESS (W.I.) LTD., LONDON	<b>002</b>	METEOROLOGICAL DIVISION, PIARCO, TRINIDAD
<b>003</b>	TRINIDAD SHIPPING CO., LTD.	<b>004</b>	TEXTEL, P.O. BOX3 , PORT OF SPAIN
<b>005</b>	PAN AMERICAN AIRWAYS	<b>006</b>	MINISTRY OF FOREIGN AFFAIRS
<b>007</b>	CARIBSPACE, INC.	<b>011</b>	TRINIDAD GOVERNMENT WIRELESS SERVICE
<b>012</b>	BRITISH WEST INDIAN AIRWAYS LTD.	<b>013</b>	INTERNATIONAL AERADIO (CARIB) LTD.
<b>025</b>	DIRECTOR OF WORKS AND HYDRAULICS, PORT OF SPAIN	<b>031</b>	TRINIDAD PETROLEUM DEVELOPMENT CO.
<b>032</b>	TRINIDAD GOVERNMENT	<b>086</b>	TRINIDAD PUBLISHING CO.

<b>TUN</b>	Tunisia
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**A** AGENCE NATIONALE DES FREQUENCES  
39, RUE ASDRUBAL - LAFAYETTE  
1002 TUNIS  
TUNISIE  
PHONE: +216 71 121 900  
TELEFAX: +216 71 280 228  
EMAIL: dg@anf.tn  
EMAIL: l.soussi@anf.tn  
TELEX: 0409 13900 GENTEL TN

<b>001</b>	DEFENSE NATIONALE	<b>002</b>	MARINE NATIONALE
<b>003</b>	AVIATION MILITAIRE	<b>004</b>	AVIATION CIVILE
<b>005</b>	SERVICE DE SECURITE	<b>006</b>	DIRECTION GENERALE DES TELECOMMUNICATIONS BD. 9 AVRIL, 1938 TUNIS, GENTEL TUNIS
<b>007</b>	INSTITUT NATIONAL DE LA METEOROLOGIE	<b>008</b>	SERVICE DES PHARES ET BALISES
<b>009</b>	MINISTERE DE L'EQUIPEMENT	<b>010</b>	TELEDIFFUSION TUNISIENNE
<b>012</b>	STATIONS CONTROLEES PAR LE SECRETARIAT D'ETAT CHARGE DES POSTES ET TELECOMMUNICATIONS	<b>016</b>	TUNIS AIR
<b>017</b>	ARAB SATELLITE COMMUNICATIONS ORGANIZATION		

<b>TUR</b>	Turkey
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**A** INFORMATION AND COMMUNICATION TECHNOLOGIES  
AUTHORITY (ICTA)  
BILGI TEKNOLOJILERI VE ILETISIM KURUMU  
ESKISEHIR YOLU 10.KM NO. 276  
ÇANKAYA/ANKARA, 06430  
ANKARA  
TELEFAX: +90 312 294 7155 / 7151  
TELEX: 060744371 TGM TR  
TELEFAX: +90 312 294 7166 / 7145  
PHONE: +90 312 294 7636

## SECTION IV - Table 12A/12B

TUR	Turkey	
B	DEPARTMENT OF STATE, WASHINGTON D.C. 20520	
C	DIRECTION GENERALE DE LA SURETE, SECTION DE LA RADIO, ANKARA	
D	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S	
E	DIRECTORATE GENERAL OF TELECOMMUNICATIONS MINISTRY OF PTT P.O. BOX 15875-4415 15598 TEHERAN ISLAMIC REPUBLIC OF IRAN TELEX: 088 212444 PTT IR	
001	GENERAL DIRECTORATE OF METEOROLOGICAL AFFAIRS	002 TURKISH PETROLEUM INC.
003	TURK TELEKOM A.S.	004 GENERAL DIRECTORATE OF AGRICULTURAL COMBAT AND CARANTINA
005	TURKISH RADIO AND TELEVISION ADMINISTRATION	006 TURKISH MARITIME BANK INC.
007	GENERAL DIRECTORATE OF LAND AND WATER	008 GENERAL DIRECTORATE OF TURKISH REPUBLIC STATE RAILWAYS
009	MUNICIPALITY OF ERZURUM (ELECTRICITY ADMINISTRATION)	010 GENERAL DIRECTORATE OF TURKISH AIR LINES
011	MINISTRY OF FORESTRY	012 GENERAL DIRECTORATE OF SECURITY
013	GENERAL DIRECTORATE OF STATE AIRPORTS	014 TEKFEEN CONSTRUCTION AND INSTALLATION INC.
015	MOBIL EXPLORATION MEDITERRANEAN INC.	016 ERSAN PETROLEUM INDUSTRY CO.
017	AGRICULTURAL PRODUCT OFFICE	019 N.V TURKSE SHELL
020	MARITIME BANK NAVAL TRANSPORTATION INC.	021 GENERAL DIRECTORATE OF RAILWAYS, PORTS AND AIRPORTS CONSTRUCTION
022	MUNICIPALITY OF ANKARA (WATER AFFAIRS ADMINISTRATION)	023 GENERAL DIRECTORATE OF ETIBANK
024	RESEARCH AND EXPLORATION INSTITUTE FOR MINES AND MINERALS (MTA)	025 TURKISH ELECTRICITY ADMINISTRATION
026	GENERAL DIRECTORATE OF RURAL ROADS, WATER AND ELECTRICITY AFFAIRS	027 MUNICIPALITY OF IZMIR (ESHOT)
028	MUNICIPALITY OF MARAS (ELECTRICITY ADMINISTRATION)	029 ISTANBUL PETROLEUM REFINERY INC.
030	ATAS ANATOLIAN REFINERY INC.	031 PETROLEUM OFFICE
032	MUNICIPALITY OF ISTANBUL (IETT)	033 MUNICIPALITY OF ISTANBUL (FIRE DEPARTMENT)
034	MUNICIPALITY OF ANKARA (FIRE DEPARTMENT)	035 HAYDARPASA NUMUNE HOSPITAL
036	TURKISH AVIATION ASSOCIATION	037 MUNICIPALITY OF ANKARA (EGO)
038	MINISTRY OF FOREIGN AFFAIRS	039 GENERAL DIRECTORATE OF ANATOLIAN AGENCY
040	EMBASSIES	041 BOTAS INC.
042	MINISTRY OF JUSTICE (GENERAL DIRECTORATE OF PRISON)	043 PRIME MINISTRY
044	ARMED FORCES GENERAL STAFF	046 MUNICIPALITY OF RIZE
047	MUNICIPALITY OF NURSA	048 MUNICIPALITY OF MANISA
049	GENERAL DIRECTORATE OF STATE RANCHES	050 GENERAL DIRECTORATE OF HIGHWAYS
051	ISTANBUL FERTILIZER INDUSTRY (IGSAS)	052 PETKIM PETROCHEMISTRY INC.
054	GENERAL DIRECTORATE OF STATE WATER AFFAIRS	055 DIRECTORATE OF KANDILLI OBSERVATORY
057	MUNICIPALITY OF IZMIR (DIRECTORATE OF WORKSHOPS)	058 MUNICIPALITY OF ADANA
059	MUNICIPALITY OF GORUM	060 CENTO
061	CUKUROVA UNIVERSITY, ADANA	062 U.S. GOVERNMENT
063	THE SCIENTIFIC AND TECHNICAL RESEARCH COUNCIL OF TURKEY (TUBITAK)	064 TURKSAT A.S.
065	ASELSAN A.S.	066 GENERAL DIRECTORATE OF AERONAUTICS AND SPACE TECHNOLOGIES OF MINISTRY OF TRANSPORT, MARITIME AFFAIRS AND COMMUNICATIONS OF TURKEY
067	STM SAVUNMA TEKNOLOJILERI MUHENDISLIK VE TICARET AS	068 ZONGULDAK BULENT ECEVIT UNIVERSITY

## SECTION IV - Table 12A/12B

<b>TUV</b>	Tuvalu
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**A** TUVALU TELECOMMUNICATIONS CORPORATION  
VAIAKU  
FUNAFUTI  
TELEFAX: +688 20002  
TELEX: 0774 TV COMM 6800

**001** GOVERNMENT OF TUVALU

**002** UNIVERSITY OF HAWAII

<b>TZA</b>	Tanzania
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**A** THE DIRECTOR FREQUENCY MANAGEMENT  
TANZANIA COMMUNICATIONS COMMISSION  
P.O. BOX 474  
DAR ES SALAAM  
UNITED REPUBLIC OF TANZANIA  
TELEFAX: +255 51 116664

**B** NATIONAL POST AND TELECOM AGENCY  
P.O. BOX 5398  
S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

**C** THE CHIEF ENGINEER  
DEPT. OF INFORMATION AND BROADCASTING  
P.O. BOX 1178  
ZANZIBAR

**D** THE DIRECTOR OF EXTERNAL TELECOMMUNICATIONS  
TANZANIA POSTS AND TELECOMMUNICATIONS CORPORATION  
P.O. BOX 22  
DAR-ES-SALAAM

**E** ZANZIBAR GOVERNMENT  
P.O. BOX 776  
ZANZIBAR

**001** TANZANIA RAILWAYS CORPORATION

**002** POSTS AND TELECOM. CORP. SR RADIO, DAR  
ES SALAAM

**003** DIRECTORATE OF CIVIL AVIATION

**004** ZANZIBAR GOVERNMENT

**005** EXTERNAL TELECOMMUNICATIONS, ZANZIBAR

**006** COMMISSIONER OF POLICE, ZANZIBAR

**007** TANZANIA PEOPLE'S DEFENCE FORCES, BOX  
9205, DAR ES SALAAM

**008** METEOROLOGICAL DEPARTMENT

**009** KARIMJEE JIVANJEE AND CO. LTD.

**010** TANZANIA POLICE

**011** TAZAMA PIPELINE LTD.

**012** TANZANIA HARBOURS AUTHORITY

**013** ZAMBIA-TANZANIA ROAD SERVICES LTD.

**014** EXTERNAL TELECOMMUNICATIONS  
DIRECTORATE

**015** NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION

**016** RADIO TANZANIA, ZANZIBAR

**018** TANZANIA NATIONAL PARKS

**019** AFRICAN MEDICAL RESEARCH FOUNDATION

**022** UNIVERSITY COLLEGE DAR ES SALAAM

**024** TANZANIA GOVERNMENT P.O. BOX 9120, DAR  
ES SALAAM

**027** FRESONS DEPARTMENT P.O. BOX 349, DAR  
ES SALAAM

**031** WILLIAMSON DIAMONDS LTD. P.O. BOX  
9470, DAR ES SALAAM

**037** RADIO TANZANIA, P.O. BOX 9191, DAR ES  
SALAAM

**065** SWEDISH GOVERNMENT

**076** EVANGELICAL LUTHERAN CHURCH, P.O. BOX  
16, DAR ES SALAAM

<b>UAE</b>	United Arab Emirates
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**A** TELCOMMUNICATIONS REGULATORY AUTHORITY (TRA)  
P.O. BOX 26662  
ABU DHABI  
TELEFAX: +971 2621 2227  
PHONE: +971 2621 2222

## SECTION IV - Table 12A/12B

<b>UAE</b>	United Arab Emirates	
001	UNITED ARAB EMIRATES	002 EMIRATES TELECOMMUNICATIONS CORPORATION
003	SH. SAEED BIN MOHAMED AL NAHYAN, ABU DHABI	004 DUBAI INTERNATIONAL AIRPORT
006	GOVERNMENT OF RAS AL KHAIMAH	007 RAIS HASSAN SAADI AND CO.
008	YUSUF BIN AHMED KANOO (SHIPPING AGENCY)	009 DECCA NAVIGATOR CO. LTD.
010	ABU DHABI MARINE AREAS LTD.	011 MARITIME AND MERCANTILE INTERNATIONAL, DUBAI
013	FUJAIRAH AIRPORT	015 DUBAI PETROLEUM CO.
016	BRITISH AIRWAYS	017 DEPARTMENT OF CIVIL AVIATION UAE
018	MINISTRY OF INFORMATION AND CULTURE	019 EMBASSY OF RUSSIA
021	ABU DHABI OIL CO.LTD.(JAPAN)	024 UAE RADIO AND TV-DUBAI
025	ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)	026 AWAL CONTRACTING AND TRADING CO.
027	NICO INTERNATIONAL	028 METRO FORWARDING, DUBAI
032	MINISTRY OF COMMUNICATIONS	033 SUDAN EMBASSY, ABU-DHABI
034	JORDANIAN EMBASSY, ABU DHABI	036 BELGIAN EMBASSY
037	FRENCH EMBASSY, ABU DHABI	040 SWISS EMBASSY, ABU DHABI
041	JAPAN EMBASSY	042 AL AIN INT. AIRPORT
043	SHARJAH INT. AIRPORT	044 EGYPTIAN EMBASSY, ABU DHABI
045	ITALIAN CONSULATE, DUBAI	046 INDIAN EMBASSY, ABU DHABI
049	NETHERLANDS EMBASSY	050 SITA - ABU DHABI AIRPORT
051	GENPRISE, ABU DHABI	052 OMAN EMBASSY (ABU DHABI)
053	EMBASSY OF ROMANIA	054 EMBASSY OF FINLAND
055	THURAYA	056 ALYAH SATELLITE COMMUNICATIONS CO
057	EMIRATES INSTITUTION FOR ADVANCED SCIENCE AND TECHNOLOGY	058 UNITED ARAB EMIRATES ARMED FORCES (UAEAF)
059	MARSHALL INTECH	

<b>UGA</b>	Uganda	
<b>A</b>	THE EXECUTIVE DIRECTOR UGANDA COMMUNICATION COMMISSION 1, COLVILLE STREET, 12TH FLOOR P.O. BOX 7376 KAMPALA / UGANDA TELEFAX: +256 41 4348 832	
001	EAST AFRICAN RAILWAYS CORPORATION	002 EAST AFRICAN DIRECTORATE OF CIVIL AVIATION
003	UGANDA POLICE	004 E.A. POSTS AND TELECOMMUNICATIONS
005	UGANDA TELEVISION SERVICE	006 UGANDA RIFLES
007	E.A. METEOROLOGICAL DEPARTMENT	008 CASPAIR LIMITED
009	POSTMASTER GENERAL	010 UGANDA NATIONAL PARKS
011	D.C.A.	012 NIGERIAN HIGH COMMISSION P.O.BOX4338, KAMPALA
013	INTERFEROMETRICS, INC.	017 RADIO UGANDA
019	UGANDA PRISONS	020 NORCONSULT A.S., P.O.BOX4886, KAMPALA
023	BUGANDA GOVERNMENT	

<b>UKR</b>	Ukraine	
<b>A</b>	STATE SERVICE FOR SPECIAL COMMUNICATION AND INFORMATION PROTECTION OF UKRAINE 13B SOLOMIANSKA STREET KYIV 03680 EMAIL: info@dsszzi.gov.ua TELEFAX: +389 44 226 26 83 TELEX: 0680 13 1112 UKTEL PHONE: +380 44 281 90 10	
<b>B</b>	NATIONAL SPACE AGENCY OF UKRAINE 8, MOSKOVSKA STREET KYIV 01010 TELEFAX: + 380 44 281 6209 PHONE: + 380 44 281 6245	
001	UKRCOMSAT	002 MORCOM



## SECTION IV - Table 12A/12B

UKR	Ukraine		
003	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT)	004	MINISTRY OF DEFENCE
005	SRPF "BANCOMSVIAZ"	006	STATE TV AND RADIO BROADCASTING COMPANY OF UKRAINE
007	UKRAINIAN STATE SERVICE OF SUPERVISION FOR PROTECTION OF SAFETY OF FLIGHTS	008	STATE ENTERPRISE "UKRKOSMOS"
009	SES SIRIUS UKRAINE	010	ZAKARPATSKA REGIONAL STATE TV AND RADIO BROADCASTING COMPANY
011	ZEONBUD LLC	012	UKRAINA BROADCASTING COMPANY
013	TELEODYN LTD	014	LIMITED LIABILITY COMPANY "BROADCASTING COMPANY CLASS"
015	"INTERNATIONAL MEDIA CENTER - CTV" JSC	016	"NEW CHANNEL" LLC
017	"INTERNATIONAL COMMERCIAL TELEVISION & RADIO COMPANY" (ICTV) LLC	018	COMMUNAL ENTERPRISE TV COMPANY "PRYLUKY" OF PRYLUKY LOCAL COUNCIL
019	MUNICIPAL TV AND RADIO ENTERPRISE "RUDANA"	020	TV AND RADIO COMPANY "YUG" LLC
021	LVIV REGIONAL STATE TELEVISION AND RADIO COMPANY	022	TOV TRK "GRANT"
023	TELEKOMPANIA "ATN" LTD.	024	TV STUDIO "RADEKHIV"
025	BROADCASTING COMPANY "PYRYATIN"	026	PRIVATE ENTERPRISE "TRC VTV PLUS"
027	PUBLIC UTILITY "MUNICIPAL TV NETWORK"	028	PRIVATE JOINT STOCK COMPANY "TV COMPANY "PRAVO A/TVK"
029	LLC STUDIYA "MISTO"	030	TELERADIOCOMPANY "UKRANIAN-POLISH RADIO AND TELEVISION "CONCORD" LIMITED
031	PRIVATE ENTERPRISE "TELERADIOKOMPANIYA "SIAT" "	032	DNIPROPETROVSK STATE TELEVISION AND BROADCASTING COMPANY
033	LIMITED LIABILITY BROADCASTING COMPANY "PECTORAL"	034	SHOSTKINSKA BROADCASTING COMPANY "TELEKOM-SERVICE"
035	PP TRC "ATLANT"	036	"TELERADIOKOMPANIYA "SOIUZ TV" LLC
037	"TELERADIOKOMPANIYA "GRAD" LLC	038	PRIVATE ENTERPRISE "TV COMPANY "RAI" "
039	TELERADIOKOMPANIYA CHUGUIVSHINY "SLOBOZHANKA"	040	"TELERADIOKOMPANIYA "TRK SATURN" LLC
041	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT) CHERNIGIV BRANCH	042	TELERADIOKOMPANIYA VILNOGIRSKYI TEHNOCENTRE
043	STATE ORGANIZATION "VINNYTSIA STATE REGION BROADCASTING TV RADIO COMPANY "VINTERA" "	044	PRIVATE JOINT STOCK COMPANY "TV CHANNEL "INTER" "
045	LLC "RIAK-INFORM" REGIONAL INFORMATION-ANALYTICAL COMPANY	046	LLC "TELE-RADIO COMPANU 'ART' LTD"
047	PRIVATE JSC "RADIO AND TELEVISION 'GLAS' "	048	DAUGHTER ENTERPRISE "BROADCASTING COMPANY 'STERH' OF LLC "NATURE INVESTMENTS"
049	PRIVATE JSC "REGIONAL TV BROADCASTER 'TONIS-CENTRE' "	050	"BROADCASTING COMPANY QUARTZ" LLC
051	TELERADIOKOMPANIYA VIZYT	052	KHERSON REGIONAL STATE BROADCASTING COMPANY "SLIFIJA"
053	"SKIF-2" LLC	054	"TV AND RADIO COMPANY CHERNIVTSI" LTD
055	THE COMMUNAL ENTERPRISE OF KIEV CITY COUNCIL "BROADCASTING COMPANY 'KVIV' "	056	PRIVATE REGIONAL TV AND RADIO COMPANY "DUFUL"
057	"BALINFORMCOMPANY" LLC	058	KHMELNYTSKYI REGIONAL STATE BROADCASTING COMPANY "PODILLYA-CENTR" "
059	PRIVATE COMPANY "INFORMATION STUDIO 'POLISSIA-TV' "	060	"VOLODYMYR-VOLYNSKYI BROADCAST TELEVISION AGENCY 'VOLODYMYR' "
061	"TELEVISION COMPANY 'SATURN-TV' " LLC	062	PERVOMAISKYI CENTR OF TELEVISION BROADCASTING "TELECOM-1"
063	"TV AND RADIO COMPANY 'BEST' " LLC	064	CHERKASSY REGIONAL STATE BROADCASTING COMPANY
065	"REGIONAL TELEVISION COMPANY 'KHUST' " LLC	066	TELERADIOCOMPANY "ELECTA" IN FORM OF SMALL PRIVATE ENTERPRISE
067	"VYNOGRADIV TV" LLC OF VYNOGRADIV CITY COUNCIL	068	TRK "SHANS" LLC
069	PJSC NIKOPOL MEDIA-CENTR	070	TV AND RADIO COMPANY "VIDIKON" LLC
071	DERAZHNYA DUSTRICT STUDIO TV "TV-43"	072	TV AND RADIO AGENCY "NEW CHERNIHIV" OF CHERNIHIV MUNICIPALITY
073	PRIVATE TELECOMPANY VIZYT PTC	074	TV COMPANY "TRK MELITOPOL"
075	TELEVISION AND RADIO BROADCASTING COMPANY "REGION" LLC	076	TELERADIOKOMPANIYA "TTV" LLC
077	ART AND INFORMATION RTV-CENTR "VEZHA"	078	TELERADIOCOMPANY "ANDSER" LLC
079	NOVGOROD-SIVERSKA STATE TELEVISION AND BROADCASTING COMPANY "SIVERSKA"	080	TELEVISION "KAPRI" LLC
081	TELEVISION AND RADIO COMMUNICATION COMPANY "SIGMA" LLC	082	"TELEVIZIYNA SLUZHBA DNIPROPETROVSKA" PRIVATE JSC
083	TELEVISION AND BROADCASTING COMPANY "ODESA-PLUS"	084	BROADCASTING COMPANY "NIS-TV" LTD

## SECTION IV - Table 12A/12B

UKR	Ukraine		
085	TERNOPIL STATE TELEVISION AND BROADCASTING COMPANY	086	TV AND RADIO COMPANY "TELEFACT"
087	KHARKIV STATE TV AND RADIO COMPANY	088	MUNICIPAL UTILITY COMPANY "INFORMATION-TV COMPANY 'VITRA'"
089	REGION TV COMPANY	090	ZAPORIZHZHYA INDEPENDENT TELEVISION AND RADIO BROADCASTING COMPANY "TV-5" LTD
091	VOLYN REGIONAL AND STATE BROADCASTING COMPANY	092	BROADCASTING COMPANY "SAT-PLUS" LLC
093	TELERADIOCOMPANY "ILLICHIVSK TELEVISION-3" LTD	094	JSC "TELERADIOCOMPANY LUX"
095	TELEORGANIZACIYA "POLONSKYI TV-KANAL"	096	TELERADIOCOMPANY "NADIYA" LLC
097	SUMY REGIONAL STATE TV AND RADIO COMPANY	098	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT)
099	TV RADIO COMPANY "KONTAKT" LLC	100	ENTERPRISE WITH FOREIGN INVESTMENTS IN THE FORM OF A LIMITED LIABILITY COMPANY, "TV AND RADIO COMPANY 'NBM' "
101	TELERADIOCOMPANY "EXPRESS-INFORM" LLC	102	TV AND RADIO COMPANY "INFO-CENTRE"
103	"TVRADIOCOMPANY TRT-TV" LTD	104	PRIVATE RADIO-TELEVISION COMPANY "ORION"
105	TV CHANNEL "TONIS" LTD	106	TV RADIO ASSOCIATION "KONTAKT" LLC
107	TELERADIOCOMPANY "MGOK TV' BRANCH ESTABLISHMENT OF PUBLIC JOINT STOCK COMPANY "MARGANETS MINING AND CONCENTRATING INDUSTRIAL COMPLEX" LIMITED LIABILITY COMPANY	108	TOV "TRK" PRIMOR'YA"
109		110	TELEVISION AND RADIO BROADCASTING COMPANY "MIST TV"
111	POLTAVA STATE TELEVISION AND RADIO COMPANY	112	PRIVATE SMALL ENTERPRISE "TV RADIO COMPANY DANIO"
113	MUNICIPAL ENTERPRISE "OVIDIOPOLSKA STUDIYA TELERADIOMOVLENNYA - OVIS-TRM"	114	ODESSA STATE TELEVISION AND BROADCASTING COMPANY
115	"SNYATYN" (TV STUDIO)	116	REPORTER NEWS AGENCY LTD
117	BROADCASTING COMPANY OF NATIONAL JUDICIAL ACADEMY OF ODESA "ACADEMIA" LTD	118	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT) IVANO-FRANKIVS'K BRANCH
119	PRIVATE COMPANY TRK NTK	120	CITY TELEVISION COMPANY "LUBNY" LLC
121	REGION CENTRE OF AESTHETIC EDUCATION	122	TV COMPANY "MTV-PLUS"
123	RIVNE REGIONAL STATE BROADCASTING COMPANY	124	REGIONAL STATE TV & RADIO COMPANY
125	MYKOLAIV REGIONAL STATE BROADCASTING COMPANY	126	PRODIUSERSKYI TSENTR EKSKLIUZYV LLC
127	LIMITED LIABILITY COMPANY BROADCASTING "PRIVAT TV DNIPRO"	128	"TV-4" LLC
129	DISTRICT MUNICIPAL BROADCASTING COMPANY "BRODY"	130	BERDYANSK EXECUTIVE COMMITTEE'S UTILITY COMPANY "BERDTANSK CITY CHANNEL "TV-BERDYANSK"
131	MUNICIPAL ENTERPRISE "ARTEMOVSKOE TELERADYOVESCHANYE"	132	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT) DONETS'K BRANCH
133	TRK "DUBNO"	134	SUBSIDIARY BROADCASTING COMPANY "MUKACHEVO (M-STUDIO)"
135	"OMEGA" TELEVISION COMPANY	136	"GORIZONT" SMALL PRODUCTION COMPANY
137	STATE MUNICIPAL ENTERPRISE TV RADIO COMPANY "NIZHYN TELEVISION"	138	"NETWORKS OF UKRAINE" LTD
139	COMMUNAL ENTERPRISE "TELEVISION COMPANY UMAN"	140	"RIVNE 1 TELEVISION COMPANY" LLC
141	"IT. SERVICE" LLC	142	TV AND BROADCASTING COMPANY "TYSMENIYTSIA"
143	KUPYNSKAY TELERADIOCOMPANY	144	PRIVATE ENTERPRISE 'TELERADIOKOMPANIYA "SAT"
145	COMMUNAL ENTERPRISE TV AND RADIO COMPANY "ZHASMIN"	146	'TELERADIOKOMPANIYA "ACCENT" '
147	TELEVISION COMPANY ORBITA LLC	148	GRAVIS LLC
149	GRAVIS-KINO LLC	150	TRK "S-TET"
151	LIMITED LIABILITY COMPANY BROADCASTING "TV STIMULUS"	152	TAK TV+ LLC
153	COMPANY IRTC "TOP" LLC	154	TRC "ZHISA" LTD
155	'TELERADIOKOMPANIYA "ALEX TV" '	156	BROADCASTING COMPANY TET DNIPROPETROVSK LLC
157	BROADCASTING COMPANY "ALTA"	158	PRYVATNE PIDPRYJEMSTVO "RAJONNE TELEBACHENNJA"
159	PRIVATE ENTERPRISE TELEVISION BROADCASTING COMPANY PULSAR RTB	160	TV CHANNEL "STEP"
161	STATE ENTERPRISE 'TV AND RADIO COMPANY "AVERS" '	162	PRIVATE ENTERPRISE "ITA - INDEPENDENT TELEVISION AGENCY"

## SECTION IV - Table 12A/12B

UKR	Ukraine	
163	GORODOK DISTRICT TELERADIOPRESTSESTR "4 HTB"	164 PJSC 'TV COMPANY "TET" '
165	TV BROADCASTING COMPANY "STUDIO 1+1"	166 TRC "SIGMA" LLC
167	"ALSET PLUS" LTD	168 BROADCASTING COMPANY "ALEX" LLC
169	TELEVISION COMPAGNY "TV-SPHERE " LLC	170 THE RADIO AND TV OFFICE OF SHPOLA DISTRICT
171	SUBSIDIARY COMPAGNY "KONTAKT-SLAVUTA" LLC	172 "AVTOR-TV" LLC
173	"NBM-ZAPORIZHZHIA" LLC	174 TELEVISION AND RADIO BROADCASTING COMPANY "VIKKA" LTD
175	"TELESTUDIO INFORMATION SERVICE" LTD	176 "TV AND RADIO COMPANY MST" LLC
177	UKRTELECOM JSC	178 KIROVOGRAD REGIONAL STATE TV AND RADIO BROADCASTING COMPANY
179	'TV AND RADIO COMPANY "KUPOL" ' LLC	180 'TV AND RADIO COMMPANY "AKADEMIA" ' LLC
181	'TV STUDIO "ASTRA-TV" ' LLC	182 VINNYTSIA REGIONAL ASSOCIATION OF PUBLIC TELEVISION AND RADIO COMPANY "VINNYTCHYNA"
183	LIMITED PARTNERSHIP 'TV CHANNEL "MEGA" '	184 TELERADIOCOMPANY "SIMON" LLC
185	LIMITED LIABILITY COMPANY "FLIGHT CONTROL"	186 NATIONAL SPACE FACILITIES CONTROL AND TEST CENTER (NSFCTC)
187	DATAGROUP PJSC	

URG	Uruguay	
A	URSEC (UNIDAD REGULADORA DE SERVICIOS DE COMUNICACIONES) AVENIDA URUGUAY NRO 988 C.P. 11200 MONTEVIDEO URUGUAY PHONE: +598 2 9028082 INT 139 EMAIL: jpiaggio@ursec.gub.uycdolinkas@ursec.gub.uy TELEFAX: +598 2 9012252 TELEX: 03223213 DINACO UY	
001	FUERZA AEREA	002 P.L.U.N.A. (PRIMERAS LINEAS URUGUAYAS DE NAVEGACION AEREA)
003	CIRCULO AERODEPORTIVO DE MONTEVIDEO	004 ADMINISTRACION NACIONAL DE TELECOMUNICACIONES
005	TYDEO BELSON RODRIGUEZ	006 PRESS WIRELESS URUGUAYA LTDA MONTEVIDEO
007	AGROMAX S.A.	008 JEFATURA DE POLICIA DE MONTEVIDEO
009	CENTRO AUTOMOVILISTA DEL URUGUAY, MONTEVIDEO	010 USINAS DE TRANSMISIONES ELECTRICAS
011	COLONIA EDUCACIONAL DE SUAREZ, CONSEJO DEL NINO	012 PREFECTURA DE PUERTO, CARMELO
013	PREFECTURA DE PUERTO, COLONIA	014 PREFECTURA GENERAL MARITIMA
015	O.S.E. OBRAS SANITARIAS DEL ESTADO	016 SERVICIO OFICIAL DE DIFUSION RADIO ELECTRICA, MONTEVIDEO
017	HOMERO CASSALS ORREGO	018 A.M.D.E.T., MONTEVIDEO
019	AEROLINEAS ARGENTINAS	020 RUBEN D. LUCAS, MELO
021	PREFECTURA NACIONAL NAVAL	022 HUGO D. VELAZQUEZ Y NELSON GOMEZ
023	INSPECCION GENERAL DE MARINA (AERONAUTICA NAVAL)	024 YACHT CLUB
025	PAN AMERICAN AIRWAYS INC.	026 RUSSI Y BURASTERO S.A.
027	DIFUSORAS DEL URUGUAY, S.A., MONTEVIDEO	028 C.A.U.S.A.
029	SERVICIO METEOROLOGICO DEL URUGUAY	030 S.A. EMPRESA V.A.R.I.G.
031	AERO CLUB DEL URUGUAY	032 INGENIEROS PENAROL
033	DIRECCION DE AERONAUTICA CIVIL	034 ADMINISTRACION DE LOS FERROCARRILES DEL ESTADO
035	AERO CLUB SARANDI DEL YI	036 FUCA
037	RADIO POPULAR LTDA	038 DIARIO RURAL S.A.
039	LUIS BATLLE BERRES	040 CORPORACION DE PUBLICIDAD S.A.
041	JUAN M. GESTOSO Y LUIS BATLLE BERRES	042 LUIS A. ARTOLA
043	RAMON J. VINCI Y HECTOR J. CARBONE	044 S.A.D.R.E.P. LTDA
045	MARIA ELVIRA SALVO DE MARTINEZ ARBOLEYA	046 HARISPURO HNOS.
047	WALFRIDO FIGUEIRA MORAN	048 SALVADOR E. PERA
049	O.R.O.S.A.	050 COMPANIA URUGUAYA DE PUBLICIDAD S.A.
051	DIFUSORAS FLORIDA SOC. LTDA	052 A. CANEPA Y CIA

## SECTION IV - Table 12A/12B

URG	Uruguay		
053	ALFONSO M. ORDOQUI	054	VAZQUEZ Y WALDER LTDA
055	MIGUEL A. PENNA	056	MIGUEL M. RACIOPPI
057	B.G.H.S.A.	058	PEDRO BRUCCOLERI
059	HECTOR VERNAZZA	060	ALBERTO MARROCHE PARONI-BASILICIO BRAULIO SARAVIA Y DORA CASTRO DE OIS
061	LUIS S. DINI	062	GABINO CURCIO
063	JUAN RAMON VOLANTE	064	EMPRESA RADIO DURAZNO S.A.
065	LICEO DE DOLORES	066	SARA VAZQUEZ ALVAREZ
067	MARIO ARTURO RAVAZZANI Y MARIO ALEJANDRO PERERA	068	JOSE M. OLAONDO
069	HECTOR LAMAISON	070	GUILLERMO ARIZTI
071	AERO CLUB PAYSANDU	072	OTIS ELEVATOR COMPANY
073	JEFATURA DE POLICIA DE TREINTA Y TRES	074	LICEO DE ENSEÑANZA SECUNDARIA Y PREPARATORIA DE SAN CARLOS
075	CARLOS FALCO, LAVALLEJA	076	MIGUEL MARCELINO RACIOPPI BALSEIRO Y ELIAS FELIPE LABORDA RAVIRA MERCEDES SORIANO
077	JOCKEY CLUB DE PAYSANDU	078	MINISTERIO DEL INTERIOR
079	JULIO DIAZ ROMERO	080	SAETA
081	MARIO GIAMPIETRO	082	METZEN Y CIA
084	ANTONIO LLAMBIAS MASSANES	085	YAMAMNDU BORGES RIET
087	INSPECCION GENERAL DEL EJERCITO	088	ULISES LOBECIO PEDERNERA, CARMELO COLONIA
089	FRANCISCA SANCHO BARCELO, PUNTA DEL ESTE MALDONADO	090	VIRGINIA ORIBE DE TRAIHEL Y JOSE PEDRO TRAIHEL LARROQUE
091	WALTER J. OTHAIX	092	MARIA J. FRIONI DE ESPIGA, J. RAFAEL ESPIGA FRIONI Y WALTER H. ESPIGA
093	D'ARTAGNAN PEDEZERT	094	GUILLERMO NEWTON, HORACIO PESQUERA Y ELBIO GEIMONART
095	JULIO C. DA ROSA	096	COMANDO S.A.
097	SCANDINAVIAN AIRLINES SYSTEM	098	RELLIM S.A.
099	HECTOR CESAR BALDOMIR MANANA	100	RICARDO GIOSCIA ZAMALVIDE
101	ADMINISTRACION NACIONAL DE PUERTOS	102	CENTRO PROPIETARIOS DE AUTOMOVILES CON TAXIMETRO
104	LINEAS AEREAS PARAGUAYAS S.A.	105	EMPRESA LA URUGUAYA (MARTINELLI Y CIA)
107	EVES S.A.	108	CHALKLING CARLOS
109	ARTIGAS GONZALEZ GALLO	110	LUIS MURILLO MURARO ARTIGAS, URUGUAY
111	DR. HERMES PEREIRA MACHADO, SALTO, URUGUAY	112	O. ROQUE DONATO BARTELLONI Y ANGEL W. DUFAUT, T. Y TRES 3223 FRAY BENTOS, URUGUAY
113	ABRAHAM LUCES	114	CIA AIR FRANCE
115	ULYSES PEREIRA REVERBEL	116	NERY RAMON CABILLON
117	ATILIO FRANCOIS BALBI	118	VITABARES Y MAYER
119	AUTOMOVIL CLUB DEL URUGUAY	120	RAUL CASABAN GONZALEZ
122	ANGEL A. CACCIATORI	123	PERCES S.A.
124	ASOCIACION HONORARIA DE SALVAMENTOS MARITIMOS Y FLUVIALES (ADES)	125	JUAN CARLOS ARREDONDO
126	CUERPO DE BOMBEROS	127	JULIO OLIVAR CABRERA
129	JOSE BATTLEORD	130	LUIS A GARCIA MORA
131	ABRAHAM RAIJ	132	VICENTE R PRADO
133	JOSE G. GODINO	134	NESTOR R. GRANA
135	ARTEMIO MARTINEZ DIAZ	136	ELIAS C. ROVIRA Y ARIEL PANDOLFI
137	SACHI S. EN C.	138	ZEM S.A.
USA	United States		

**A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
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UNITED STATES OF AMERICA  
TELEFAX: +1 202 418 1208/ 418 0398  
TELEX: 025 VIA TWX 7108220160

**AF** UNITED NATIONS HEADQUARTERS,  
NEW YORK, N.Y.

**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

## SECTION IV - Table 12A/12B

USA	United States		
001	OHIO WESLEYAN RADIO OBSERVATORY	002	MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LABORATORY
003	STANFORD RADIO ASTRONOMY INSTITUTE	004	UNIVERSITY OF ILLINOIS
005	OWENS VALLEY RADIO OBSERVATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY	006	HARVARD COLLEGE OBSERVATORY
007	ASSOCIATED UNIVERSITIES, INC.	008	US GOVERNMENT - GEN
009	CARNEGIE INSTITUTION OF WASHINGTON	010	DEPARTMENT OF COMMERCE
012	HARVARD UNIVERSITY	013	CITIES SERVICES COMPANY
014	COLLINS RADIO COMPANY	015	UNIVERSITY OF CALIFORNIA
016	COMSAT GENERAL CORPORATION	017	INTELSAT
018	SES AMERICOM, INC	019	AMERICAN TELEPHONE AND TELEGRAPH CO.
020	RADIO AMATEUR SATELLITE CORPORATION	021	HUGHES NETWORK SYSTEMS, INC.
023	FEDERAL COMMUNICATIONS COMMISSION - A	024	FEDERAL COMMUNICATIONS COMMISSION - FO
026	FEDERAL COMMUNICATIONS COMMISSION - M	027	FEDERAL COMMUNICATIONS COMMISSION - FX
029	FEDERAL COMMUNICATIONS COMMISSION - G	030	NATIONAL RADIO ASTRONOMY OBSERVATORY
031	UNITED NATIONS HEADQUARTERS, NEW YORK	051	US GOVERNMENT COAST GUARD
068	US GOVERNMENT - FAA	120	FEDERAL COMMUNICATIONS COMMISSION - SD
130	FEDERAL COMMUNICATIONS COMMISSION - SI	140	ASTROVISION INTERNATIONAL, INC
141	CELSAT AMERICA, INC	142	COLUMBIA COMMUNICATIONS CORPORATION
143	DIGITALGLOBE, INC	144	ATT/DIRECTV
145	DOMINION VIDEO SATELLITE, INC	146	ECHOSTAR SATELLITE CORPORATION
147	FINAL ANALYSIS COMMUNICATION SERVICES, INC	148	GLOBALSTAR L.P.
149	IRIDIUM SATELLITE LLC	150	LEO ONE WORLDWIDE, INC
151	LOCKHEED MARTIN CORPORATION	152	LORAL SKYNET
153	MOBILE SATELLITE VENTURES SUBSIDIARY LLC	154	NETSAT 28 COMPANY, LLC
155	ORBCOMM LLC	156	ORBITAL IMAGING CORPORATION
157	PEGASUS DEVELOPMENT CORPORATION	158	RAINBOW DBS COMPANY LLC
159	SIRIUS SATELLITE RADIO, INC	160	SPACE IMAGING LLC
161	THE BOEING COMPANY	162	VIRTUAL GEOSATELLITE, LLC
163	VISIONSTAR INCORPORATED	164	WILDBLUE HOLDINGS
166	XM SATELLITE RADIO	167	NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP.
168	SKYTERRA COMMUNICATIONS, INC.	170	ATCONTACT COMMUNICATIONS, LLC
171	VIASAT INC	172	GE INTERNATIONAL HOLDINGS, INC
173	TELESAT	177	SKYBOX IMAGING INC
178	PLANET LABS	179	USABSN-24
230	FEDERAL COMMUNICATIONS COMMISSION, BC	300	FEDERAL COMMUNICATIONS COMMISSION, PLM
301	SPRINT INDUSTRY STANDARDS	310	FEDERAL COMMUNICATIONS COMMISSION, PMA
320	FEDERAL COMMUNICATIONS COMMISSION, PMW	330	FEDERAL COMMUNICATIONS COMMISSION, PR1
340	FEDERAL COMMUNICATIONS COMMISSION, PR2	350	FEDERAL COMMUNICATIONS COMMISSION, PAV
500	DEPARTMENT OF ENERGY	501	SATELLITE SYSTEMS BRANCH, EROS DATA CENTER
502	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	503	SMC/AXG
504	SPACE AND NAVAL WARFARE SYSTEMS COMMAND	505	US ARMY COMMUNICATIONS ELECTRONICS COMMAND
506	MONTANA STATE UNIVERSITY	507	UNIVERSITY OF KANSAS
508	CENTER FOR ROBOTIC EXPLORATION AND SPACE TECHNOLOGIES (CREST)	509	CALIFORNIA POLYTECHNIC STATE UNIVERSITY
510	TETHERS UNLIMITED	511	UNIVERSITY OF MICHIGAN
512	SAN JOSE STATE UNIVERSITY	513	COSMOGIA INC.
514	VERMONT TECHNICAL COLLEGE	515	UNIVERSITY OF HAWAII
516	UNIVERSITY OF NEW MEXICO	517	UNIVERSITY OF ALABAMA
518	CAJUN ADVANCED PICO SATELLITE EXPERIMENT	519	ST. LOUIS UNIVERSITY
520	UNIVERSITY OF FLORIDA	521	UNIVERSITY OF KENTUCKY
522	DREXEL UNIVERSITY	523	SAN JOSE STATE UNIVERSITY
524	NEAR SPACE LAUNCH INC.	525	AEROSPACE CORPORATION
526	PLANETARY RESOURCES, INC	527	THE UNIVERSITY OF TEXAS AT AUSTIN
528	SALISH KOOTENAI COLLEGE	530	SPIRE GLOBAL, INC.
532	SPACE EXPLORATION TECHNOLOGIES CORP.	538	ON BEHALF OF STM CATHEDRAL SCHOOL
540	UNIVERSITY OF COLORADO BOULDER, LASP	542	YAZMI USA, LLC
546	WASHINGTON FEDERAL STRATEGIES	548	OPENSOURCE NETWORKS
550	AUDACY CORPORATION	552	M42 TECHNOLOGIES, LLC
554	BLUE CANYON TECHNOLOGIES	556	MILLENNIUM SPACE SYSTEMS, INC
557	RADIO AMATEUR SATELLITE CORP.	558	CALIFORNIA STATE UNIVERSITY, NORTHRIDGE
560	TYVAK NANO-SATELLITE SYSTEMS	562	THEIA HOLDINGS A, INC
564	MOREHEAD STATE UNIVERSITY, SPACE SCIENCE CENTER	566	GEORGIA INSTITUTE OF TECHNOLOGY
568	STANFORD UNIVERSITY	570	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
572	ASTRANIS SPACE TECHNOLOGIES CORP	574	NOVAWURKS, INC.
576	ES 172 LLC	578	KAROUSEL, LLC
580	ASGARDIA AG-USA, LLC	581	LIGADO NETWORKS SUBSIDIARY LLC

## SECTION IV - Table 12A/12B

USA	United States		
582	NORTHWEST NAZARENE UNIVERSITY	584	BROWN SPACE ENGINEERING
586	NEW MEXICO TECH	588	ROWAN UNIVERSITY
590	BOSTON UNIVERSITY	592	BLACKSKY GLOBAL LLC
594	LCF ENTERPRISES	596	UNIVERSITY OF ILLINOIS AT URBANA- CHAMPAIGN
598	CAPITOL TECHNOLOGY UNIVERSITY	600	HAWKEYE 360, INC.
602	BRIGHAM YOUNG UNIVERSITY	604	UNIVERSITY OF CENTRAL FLORIDA
606	KLIPSCH SCHOOL OF ELECTRICAL & COMPUTER ENGINEERING NEW MEXICO STATE UNIVERSITY	608	HARRIS CORPORATION, SPACE AND INTELLIGENCE SYSTEMS
614	UNIVERSITY OF NORTH CAROLINA WILMINGTON	616	SPACEQUEST LTD.
618	SWARM TECHNOLOGIES INC.	620	UNIVERSITY OF CALIFORNIA, LOS ANGELES
624	THE PLANETARY SOCIETY	626	ANALYTICAL SPACE, INC.
628	IRVINE UNIFIED SCHOOL DISTRICT - WOODBRIDGE HIGH SCHOOL	630	ARIZONA STATE UNIVERSITY
632	AKASH SYSTEMS INC.	634	UBIQUITILINK INC
636	UNIVERSITY OF VIRGINIA	637	OLD DOMINION UNIVERSITY
638	SPACE AI, INCORPORATED	640	SPACE AI, INCORPORATED
642	ASTRO DIGITAL US, INC.	644	KUIPER SYSTEMS LLC
648	POINTVIEW TECH LLC	652	SONOMA STATE UNIVERSITY
656	THE UNIVERSITY OF GEORGIA	658	UNIVERSITY OF WASHINGTON
666	STARA CORP	667	LOFT ORBITAL SOLUTIONS INC.
670	THE UNIVERSITY OF TEXAS AT EL PASO	674	UNIVERSITY OF SOUTH FLORIDA
676	TIGER INNOVATIONS	678	BENCHMARK SPACE SYSTEMS
679	KAUAI COMMUNITY COLLEGE	680	HAWAII SPACE FLIGHT LABORATORY
681	OHIO UNIVERSITY AMATEUR RADIO CLUB	682	ROBERTSVILLE MIDDLE SCHOOL
686	NOVAVISION GROUP, INC.	688	CAPELLA SPACE CORPORATION
690	INTER AMERICAN UNIVERSITY OF PUERTO RICO-BAYAMON	692	FIREFLY AEROSPACE
693	HAWAII SCIENCE AND TECHNOLOGY MUSEUM		

UZB	Uzbekistan	
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**A** STATE COMMITTEE FOR RADIOFREQUENCIES OF THE  
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001 MINISTRY OF COMMUNICATIONS

VCT	Saint Vincent and the Grenadines	
-----	----------------------------------	--

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001 CABLE AND WIRELESS (W.I.) LTD.

002 WINDWARD ISLANDS BROADCASTING SERVICE

## SECTION IV - Table 12A/12B

<b>VEN</b>	Venezuela
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**A** MINISTERIO DEL PODER POPULAR PARA LAS  
TELECOMUNICACIONES Y LA INFORMÁTICA  
OFICINA DE ASUNTOS INTERNACIONALES  
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<b>001</b>	MINISTERIO DEL PODER PARA LAS TELECOMUNICACIONES Y LA INFORMÁTICA (MPPTI)	<b>002</b>	COMPANIA ANONIMA NACIONAL TELEFONOS DE VENEZUELA (C.A.N.T.V.)
<b>003</b>	INSTITUTO POSTAL TELEGRAFICO (IPOSTEL)	<b>004</b>	CORACREVI (C.T.V.)
<b>005</b>	RADIO MARACAY C.A.	<b>006</b>	RADIO CENTRAL C.A.
<b>007</b>	RADIO ARAGUA C.A.	<b>008</b>	RADIO UNIVERSAL C.A.
<b>009</b>	LA VOZ DE LA VICTORIA C.A.	<b>010</b>	RADIO APOLO C.A.
<b>011</b>	RICARDO SOSA RIOS	<b>012</b>	JOSE ANTONIO PIMENTEL
<b>013</b>	ANGEL MARIA PEREZ	<b>014</b>	SOCRATES HERNANDEZ
<b>015</b>	ANTONIO JOSE ISTURIZ	<b>016</b>	RADIO ANGOSTURA C.A.
<b>017</b>	ECOS DEL ORINOCO C.A.	<b>018</b>	JESUS R. GONZALEZ B.
<b>019</b>	LUIS JOSE PASTRANO	<b>020</b>	RADIO 810 C.A.
<b>021</b>	MIGUEL ACHE	<b>022</b>	RADIO AMERICA C.A.
<b>023</b>	RADIO MORON C.A.	<b>024</b>	LA VOZ DE CARABOBO C.A.
<b>025</b>	ALI CACCAVALE	<b>026</b>	RADIO PTO. CABELLO C.A.
<b>027</b>	MANUEL RODRIGUEZ TELLERIA	<b>028</b>	RADIO SATELITE C.A.
<b>029</b>	PETER TAFFIN	<b>030</b>	RADIO INVERSIONISTA C.A.
<b>031</b>	ROGER LEYBA	<b>032</b>	EDDY J. MENDEZ
<b>033</b>	RADIO CONTINENTE C.A.	<b>034</b>	RADIO RUMBOS C.A.
<b>035</b>	RADIO CAPITAL C.A.	<b>036</b>	RADIO CARACAS C.A.
<b>037</b>	RADIODIFUSORA VENEZUELA C.A.	<b>038</b>	RADIO LIBERTADOR C.A.
<b>039</b>	RADIO ANUNCIADORA I.N.T.C.A.	<b>040</b>	RADIO TIEMPO C.A.
<b>041</b>	FELIX CARDONA MORENO	<b>042</b>	INVERSIONES BECASINA C.A.
<b>043</b>	PABLO SOSA GUZMAN	<b>044</b>	LUCIANO LANDAETA
<b>045</b>	RADIO AEROPUERTO C.A.	<b>046</b>	ALCIDES DELGADO ALVARADO
<b>047</b>	JESUS GHERSY	<b>048</b>	RADIO LOS LLANOS C.A.
<b>049</b>	CRUZ VERA SALAZAR	<b>050</b>	INVERSIONES TRASLLANO C.A.
<b>051</b>	JUAN MANUITT	<b>052</b>	RADIO CRISTAL C.A.
<b>053</b>	RADIO BARQUISIMETO C.A.	<b>054</b>	RADIO UNIVERSO C.A.
<b>055</b>	RADIO JUVENTUD C.A.	<b>056</b>	RADIO LARA C.A.
<b>057</b>	RADIO TRICOLOR C.A.	<b>058</b>	CARLOS J. GONZALEZ
<b>059</b>	RAMON RAMIREZ M.	<b>060</b>	RADIO MIRANDA C.A.
<b>061</b>	OCTAVIO SUAREZ	<b>062</b>	VICENTE LICAUSI
<b>063</b>	VICTOR OLLARVES	<b>064</b>	RADIO VALLE DEL TUY
<b>065</b>	RADIO INDUSTRIAL C.A.	<b>066</b>	RADIO BARLOVENTO C.A.
<b>067</b>	GUILLERMO LOBO LOBO	<b>068</b>	ARD. DE MERIDA
<b>069</b>	ONDAS PANAMERICANAS C.A.	<b>070</b>	ENRIQUE O. DUBUC
<b>071</b>	C.A. SILUEDA	<b>072</b>	L.J. ARREAZA A.
<b>073</b>	RUBEN DARIO SIFONTES	<b>074</b>	MARCIAL NOEL NUNEZ
<b>075</b>	MONSENOR FRANCISCO GURRUCEAGA	<b>076</b>	RADIO MARGARITA C.A.
<b>077</b>	RADIO PORTUGUESA S.A.	<b>078</b>	ANGEL M. PEREZ
<b>079</b>	RADIO ONDA C.A.	<b>080</b>	RICARDO SOSA RIOS P.
<b>081</b>	REINALDO MARIN	<b>082</b>	GREGORIO GONZALEZ
<b>083</b>	RADIO SAN SEBASTIAN C.A.	<b>084</b>	DIOC. DE SAN CRISTOBAL
<b>085</b>	C.A. RADIO TACHIRA	<b>086</b>	RADIO SAN CRISTOBAL C.A.
<b>087</b>	RODRIGO CARVAJAL	<b>088</b>	GONZALO ALFONSO F. LACRUZ
<b>089</b>	PEDRO GRESPAN B.	<b>090</b>	INSTITUTO AUTONOMO ESTADAL DE MUSICA
<b>091</b>	PEDRO JOSE FAJARDO	<b>092</b>	PEDRO FEBRES J. Y TEMPLE LEE
<b>093</b>	GUILLERMO A. PORTILLO	<b>094</b>	ANTONIO BENTANCOURT B.
<b>095</b>	PEDRO J. TORRES	<b>096</b>	ERASMO NUNEZ LAGARDERA
<b>097</b>	RADIO YARACUY C.A.	<b>098</b>	FERNANDO FALKENHAGEN
<b>099</b>	LUIS GERMAN LUCKERT	<b>100</b>	DIOC. DE MARACAIBO

## SECTION IV - Table 12A/12B

<b>VEN</b>	Venezuela
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101	JESUS ADRIAN LUGO BLANCO	102	JOSE HIGUERA MIRANDA
103	ALI RACHID	104	LUIS G. GOVEZ
105	ONDA INTERNACIONAL C.A.	106	MARIA F. DE ROSALES
107	ONDAS DEL LAGO S.A.	108	CIRO AVILA MORENO
109	ANA B. DE ALVARADO	110	LUIS EMIRO PEDRENES
111	RADIO CABIMAS C.A.	112	ATILIO HIGUERA MIRANDA
113	VINICIO E. URDANETA	114	MONSEÑOR DOMINGO ROA P.
115	MARCOS ANTONIO HERNANDEZ SOLIS	116	MOISES PORTILLO
117	CARLOS POLEO	118	CARLOS J. CAMPOS
119	ALFREDO FERRARA	120	RADIO TOCUPITA C.A.
121	M.T.C. MINISTERIO DE TRANSPORTE Y COMUNICACIONES	122	C.A.N.T.V., COMPANIA ANONIMA NACIONAL TELEFONOS DE VENEZUELA
123	DTA	124	I.P.T. INSTITUTO POSTAL TELEGRAFICO
125	P.T.J. POLICIA TECNICA JUDICIAL	126	EMPRESA MULTINACIONAL ANDINA SIMON BOLIVAR
127	AGENCIA BOLIVARIANA DE ACTIVIDADES ESPACIALES (ABAE)		

<b>VIR</b>	United States Virgin Islands
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<b>A</b>	FEDERAL COMMUNICATIONS COMMISSION INTERNATIONAL BUREAU ATTENTION: MR. RICHARD B. ENGELMAN 2000 M STREET ROOM 868, STOP CODE #0800C WASHINGTON DC 20554 / UNITED STATES OF AMERICA TELEFAX: +1 202 418 1208 / 0398 TELEX: 025 VIA TWX 7108220160		
<b>B</b>	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
008	US GOVERNMENT - GEN	051	US GOVERNMENT COAST GUARD
230	FEDERAL COMMUNICATIONS COMMISSION, BC	300	FEDERAL COMMUNICATIONS COMMISSION, PLM

<b>VRG</b>	British Virgin Islands
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<b>A</b>	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEFAX: +44 20 79813208 TELEX: 051261969 DTI WBH G EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100		
<b>B</b>	PERMANENT SECRETARY MINISTRY OF COMMUNICATIONS AND WORKS GOVERNMENT OF THE BRITISH VIRGIN ISLANDS TORTOLA BRITISH VIRGIN ISLANDS TELEX: 0292-7959		
<b>C</b>	GOVERNMENT OF THE BRITISH VIRGIN ISLANDS TORTOLA		
001	CABLE AND WIRELESS (W.I.) LTD., LONDON	002	GOVERNMENT OF THE BRITISH VIRGIN ISLANDS
003	VIRGIN ISLANDS BROADCASTING LTD, TORTOLA	004	CARIBBEAN CELLULAR TELEPHONE LTD, TORTOLA
005	CHIEF OF POLICE, TORTOLA	006	TORTOLA ELECTRICITY DPT.
007	TORTOLA TELECOMMUNICATIONS DEPARTMENT	008	CARIBBEAN BROADCASTING SYSTEM LTD.
009	ISLAND CARE CORPORATION LTD.	010	RODNEY HERBERT INC.
011	PETER ISLAND HOTEL, PETER ISLAND	012	AIR BVI LTD
013	BVI TAXI ASSN	014	BIRAS CREEK/TRADEWINDS HOTEL
015	PICKERING'S CRANE LTD.	016	ANTWIN GEORGE LTD.
017	TREASURE ISLE HOTEL	018	ARMANDO JENIK LTD.
019	ASHBURN HARRIGAN LTD.	020	ISLAND CARE ELECTRONICS



## SECTION IV - Table 12A/12B

<b>VRG</b>	British Virgin Islands
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021	FEDERAL EXPRESS	022	BUHRYM ELECTRIC
023	CLARENCE THOMAS LTD.	024	WILLIAMS SECURITY
025	TOBIN SECURITY		

<b>VTN</b>	Viet Nam
------------	----------

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**B** DEPARTMENT OF STATE,  
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S-102 49 STOCKHOLM  
TELEX: 054 40777 RADCON S

001	POSTES ET TELECOMMUNICATIONS	002	RADIODIFFUSION NATIONALE
003	AIR-FRANCE	004	MINISTRY OF COMMUNICATIONS, SEOUL
005	SWEDISH GOVERNMENT	006	CHEMINS DE FER
007	SYNDICAT DES PLANTEURS	008	RADIODIFFUSION ET TELEVISION FRANCAISES
009	FORCES TERRESTRES	010	AVIATION CIVILE
012	MARINE NATIONALE	013	SERVICE DES TRAVAUX PUBLICS DU VIET- NAM
014	SERVICE METEO DU VIET-NAM	015	COMPAGNIE AIR VIET-NAM
016	SOCIETE INTERNATIONALE DE TELECOMMUNICATIONS AERONAUTIQUES (SITA)	017	FORCES ARMEES VIETNAMIENNE
018	AVIATION MILITAIRE VIETNAMIENNE	020	GARDE NATIONALE V N
021	DELEGATION DU GOUVERNEMENT DU CENTRE VIET-NAM	022	FPT TECHNOLOGY RESEARCH INSTITUTE, FPT UNIVERSITY
023	VIETNAM NATIONAL SATELLITE CENTER		

<b>VUT</b>	Vanuatu
------------	---------

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001 DEPARTMENT OF POSTS AND  
TELECOMMUNICATIONS

<b>WAK</b>	Wake Island
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**A** FEDERAL COMMUNICATIONS COMMISSION  
INTERNATIONAL BUREAU  
ATTENTION: MR. RICHARD B. ENGELMAN  
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## SECTION IV - Table 12A/12B

<b>WAK</b>	Wake Island
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**B** DEPARTMENT OF STATE,  
WASHINGTON D.C. 20520

**008** US GOVERNMENT - GEN

<b>WAL</b>	Wallis and Futuna Islands
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**A** SERVICE DES POSTES ET TELECOMMUNICATIONS  
DES ILES WALLIS ET FUTUNA,  
MATA-UTU  
TELEX: POSTEL, 5100 WF

**B** MONSIEUR LE DIRECTEUR GENERAL  
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EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)  
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TELEFAX: +33 1 45 18 73 90 (Services de Terre)  
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**C** ADMINISTRATEUR SUPERIEUR DU TERRITOIRE  
DES ILES WALLIS ET FUTUNA  
MATA-UTU  
TELEX: POSTEL, 5100 WF

**001** POSTES ET TELECOMMUNICATIONS

**002** AVIATION CIVILE

**003** FORCES TERRESTRES

**004** SERVICE METEOROLOGIQUE

**008** ADMINISTRATEUR SUPERIEUR

**009** DEFENSE NATIONALE

**010** CONSEIL SUPERIEUR DE L'AUDIOVISUEL

**011** GENDARMERIE NATIONALE

<b>XAN</b>	Code to be used to indicate affected geographical area for coordination information received prior to 05.04.2012 for HOL. This code is to be considered as applying equally to Curaçao, St. Maarten (Dutch part) and the islands Bonaire, St. Eustatius and Saba
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**A** DIRECTEUR DES RADIOCOMMUNICATIONS  
ET DES TELEGRAPHES,  
WILLEMSTAD,  
CURACAO

<b>XBY</b>	Abyei region
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**A** THE SECRETARY GENERAL  
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**B** MINISTRY OF TELECOMMUNICATIONS AND POSTAL SERVICES  
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## SECTION IV - Table 12A/12B

<b>XGZ</b>	Gaza Strip
------------	------------

- A** UNITED NATIONS  
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- B** STATE OF PALESTINE  
MINISTRY OF TELECOM. & INFORMATION TECHNOLOGY  
GAZA  
TELEFAX: +970 82 825666
- |            |                                      |            |  |
|------------|--------------------------------------|------------|--|
| <b>101</b> | PALESTINIAN BROADCASTING CORPORATION | <b>102</b> | NATIONAL CO.                                       |
| <b>103</b> | ARAB BROAD. CORPORATION              | <b>104</b> | ASIA TV CO.  |
| <b>105</b> | AFAQ TV CO.                          | <b>106</b> | THE FUTURE ACADEMY FOR CREATIVE<br>THINKING (FACT) |
| <b>107</b> | ALWAN CO. LTD.                       | <b>108</b> | MURAD CO. FOR ART & PROD. & BROAD.                 |
| <b>109</b> | AULA PRODUCTION CO.                  | <b>110</b> | AL ASHKAR CO.                                      |
| <b>111</b> | ALSHARQ CO.                          | <b>112</b> | AL SHAAB CO.                                       |
| <b>113</b> | ALQUDS UNIVERSITY                    | <b>114</b> | AFAQ MEDIA PRODUCTION CO.                          |
| <b>115</b> | MONIAR PEACE CO.                     | <b>116</b> | YARA PROD. & BROAD. CO.                            |
| <b>117</b> | ALNASER TV BROADCASTING CO.          | <b>118</b> | AL-NADER CO.                                       |
| <b>119</b> | ALNOOR CO. FOR TV PRODUC.            | <b>120</b> | ASWAR MEDIA PRODUCTION CO.                         |
| <b>121</b> | BILAD R&TV CO.                       | <b>122</b> | BALADNA BROADCASTING CO.                           |
| <b>123</b> | MEER FOR BROAD CO.                   | <b>124</b> | SNABEL PRESS. TV                                   |
| <b>125</b> | AL SABBABH CO.                       | <b>126</b> | GAMA TV CO.  |
| <b>127</b> | PALESTINIAN EST. FOR INT. TRANSM.    | <b>128</b> | QASER ALNEEL CO.                                   |
| <b>129</b> | QALQILIYA TV. CO.                    | <b>130</b> | MAJD MEDIA PRODUCTION CO.                          |
| <b>131</b> | NABLUS TV CO.                        | <b>132</b> | SAFAD ADVERTIZING CO.                              |

<b>XUN</b>	United Nations
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- A** UNITED NATIONS  
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<b>XWB</b>	West Bank
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- A** UNITED NATIONS  
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## SECTION IV - Table 12A/12B

<b>XWB</b>	West Bank
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101	PALESTINIAN BROADCASTING CORPORATION	102	NATIONAL CO.
103	ARAB BROAD. CORPORATION	104	ASIA TV CO.
105	AFAQ TV CO.	106	THE FUTURE ACADEMY FOR CREATIVE THINKING (FACT)
107	ALWAN CO. LTD.	108	MURAD CO. FOR ART & PROD. & BROAD.
109	AULA PRODUCTION CO.	110	AL ASHKAR CO.
111	ALSHARQ CO.	112	AL SHAAB CO.
113	ALQUDS UNIVERSITY	114	AFAQ MEDIA PRODUCTION CO.
115	MONIAR PEACE CO.	116	YARA PROD. & BROAD. CO.
117	ALNASER TV BROADCASTING CO.	118	AL-NADER CO.
119	ALNOOR CO. FOR TV PRODUC.	120	ASWAR MEDIA PRODUCTION CO.
121	BILAD R&TV CO.	122	BALADNA BROADCASTING CO.
123	MEER FOR BROAD CO.	124	SNABEL PRESS. TV
125	AL SABBAB CO.	126	GAMA TV CO.
127	PALESTINIAN EST. FOR INT. TRANSM.	128	QASER ALNEEL CO.
129	QALQILIYA TV CO.	130	MAJD MEDIA PRODUCTION CO.
131	NABLUS TV CO.	132	SAFAD ADVERTIZING CO.

<b>YEM</b>	Yemen
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**A** THE HEAD, FREQUENCY SECTION  
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001	P.T.T.	002	CABLE AND WIRELESS
003	MINISTRY OF PUBLIC WORKS, PORT TRUST HODEIDAH	004	YEMEN GOVERNMENT
005	DEPARTMENT OF CIVIL AVIATION	006	HYUNDAI CONSTRUCTION CO. LTD.
007	NKF KABEL, SANAA	008	MINISTRY OF INFORMATION
009	YEMEN HUNT OIL COMPANY	010	MINISTRY OF OIL AND MINERAL RESOURCES
011	SOVIET PETROLEUM EXP., KHORMAKSAR	012	AGRICULTURE MINISTRY, KHORMAKSAR
013	FEDERAL REPUBLIC GERMAN EMBASSY, KHORMAKSAR	014	LIBYA REPUBLIC EMBASSY, KHORMAKSAR
015	UNITED KINGDOM EMBASSY, KHORMAKSAR	016	AL YEMDA AIRLINES, KHORMAKSAR
017	CIVIL AVIATION DEPARTMENT, P.O.BOX424, ADEN	018	BROADCASTING AND TELEVISION CORPORATION
019	THE POSTMASTER GENERAL, MINISTRY OF WORKS AND COMMUNICATIONS	020	YEMEN TELECOMMUNICATIONS CORPORATION
021	UNITED KINGDOM GOVERNMENT	022	MINISTRY OF ECONOMY AND INDUSTRY
023	NATIONAL BANK OF YEMEN	024	DEMOCRATIC VIETNAM EMBASSY, KHORMAKSAR
025	PEOPLE'S REPUBLIC OF HUNGARY EMBASSY, KHORMAKSAR	026	PEOPLE'S REPUBLIC OF CHINA EMBASSY, KHORMAKSAR
027	ITALIAN EMBASSY, TAWAHI		

<b>ZMB</b>	Zambia
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**A** ZAMBIA INFORMATION AND COMMUNICATIONS TECHNOLOGY AUTHORITY (ZICTA)  
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001	DEPARTMENT OF CIVIL AVIATION	002	MINISTRY OF DEFENCE
003	ZAMBIA BROADCASTING SERVICES	004	MASS MEDIA COMPLEX FM
005	ZAMBIA POLICE	006	POSTS AND TELECOMMUNICATIONS CORPORATION
007	METEOROLOGICAL DEPARTMENT	008	GOVERNMENT COMMUNICATIONS DIVISION
011	ZAMBIA AIRWAYS CORPORATION LIMITED	016	SWEDISH GOVERNMENT

SECTION IV - Table 12A/12B

<b>ZWE</b>	Zimbabwe
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**A** POSTAL AND TELECOMMUNICATIONS REGULATORY AUTHORITY OF ZIMBABWE (POTRAZ)  
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<b>001</b>	DEPARTMENT OF CIVIL AVIATION	<b>002</b>	MINISTRY OF DEFENCE
<b>003</b>	ZIMBABWE BROADCASTING CORPORATION	<b>004</b>	ZIMBABWE RAILWAYS
<b>005</b>	COMMISSIONER OF POLICE	<b>006</b>	POSTMASTER GENERAL
<b>007</b>	METEOROLOGICAL DEPARTMENT	<b>008</b>	POWER BOARD
<b>009</b>	BRITISH HIGH COMMISSIONER		

TABLE 13A  
Symbols used in column 13A

**I Sub-column 13A1: Conformity with the Radio Regulations**

The symbols used in sub-column 13A1 are as follows:

TABLE 13A1

Symbol	Finding favourable with respect to	Use from	Use to
A	<b>RR1503</b>		31.12.1998
A	No. <b>11.31</b>	01.01.1999	
A	Paragraph 5.2.1a) of Appendix <b>30</b>	03.06.2000	
A	Former paragraphs 5.2.1a), 6.3.8 or 7.4.5.1 of Appendix <b>30 (WRC-97)</b>		02.06.2000
A	Paragraph 5.2.1a) of Appendix <b>30A</b>	03.06.2000	
A	Paragraph 6.3 of Appendix <b>30B</b>	17.11.2007	
A	Paragraph 6.19 of Appendix <b>30B</b>	17.11.2007	
A	Paragraph 7.5 of Appendix <b>30B</b>	17.11.2007	
A	Paragraph 8.8a) of Appendix <b>30B</b>	05.07.2003	
A	Paragraph 5.2 of <b>Resolution 33</b>		

Symbol	Finding unfavourable with respect to	Use from	Use to
N	<b>RR1503</b>		31.12.1998
N	No. <b>11.31</b>	01.01.1999	
N	Paragraph 5.2.1a) of Appendix <b>30</b>	03.06.2000	
N	Former paragraphs 5.2.1a), 6.3.8 or 7.4.5.1 of Appendix <b>30 (WRC-97)</b>		02.06.2000
N	Paragraph 5.2.1a) of Appendix <b>30A</b>	03.06.2000	
N	Paragraph 6.3 of Appendix <b>30B</b>	17.11.2007	
N	Paragraph 6.19 of Appendix <b>30B</b>	17.11.2007	
N	Paragraph 7.5 of Appendix <b>30B</b>	17.11.2007	
N	Paragraph 8.8a) of Appendix <b>30B</b>	05.07.2003	
N	Paragraph 5.2 of <b>Resolution 33</b>		

Symbol	Description	Use from	Use to
B	Qualified favourable (under the ex Rule of Procedure on No. <b>9.35</b> )	01.06.1999	05.07.2003

Symbol	Description	Use from	Use to
-	Not examined		

## SECTION IV - Table 13A: Symbols used in column 13A

Symbol	Description	Use from	Use to
G	<p>Finding applicable to groups of frequency assignments of Non-GSO systems with large number of orbital planes and frequency assignments.</p> <p>The finding (favourable: <b>A</b>, Unfavourable <b>N</b>) with respect to No. <b>11.31</b> is indicated in a tabular format shown in the note of the Bureau in the CR/C Special section, due to the current BR software tool limitation for such complex satellite systems to include individual findings for the related frequency assignments in the SRS database. The appropriate finding symbol will be inserted for each group of assignments once the software tools are upgraded.</p>	BR IFIC 2796 / 09.06.2015	

**II Sub-column 13A2: Conformity with the procedures relating to coordination with other administrations or conformity with a Plan (world or regional)**

The symbols used in sub-column 13A2 are as follows:

TABLE 13A2

Symbol	Finding favourable with respect to	Use from	Use to
A	<b>RR1504</b> and <b>RR1505</b> when both are applicable		31.12.1998
A	<b>RR1504</b> or <b>RR1505</b> when one of them only is applicable		31.12.1998
A	No. <b>11.32</b>	01.01.1999	
A	No. <b>11.34</b>	01.01.1999	
A	Former paragraphs 5.2.1b, 5.2.1c, 5.2.1d, 6.3.9 or 7.4.5.2 of Appendix <b>30 (WRC-97)</b>		02.06.2000
A	Paragraphs 5.2.1b, 5.2.1c, 5.2.1d or 5.2.1.e of Appendix <b>30</b>	03.06.2000	
A	Former paragraphs 5.2.1b, or 5.2.1c and 5.2.1.e, 5.2.1d, 6.6 or 7.7 of Appendix <b>30A (WRC-97)</b>		02.06.2000
A	Paragraphs 5.2.1b, 5.2.1c, 5.2.1d or 5.2.1e, 6.6 or 7.8 of Appendix <b>30A</b>	03.06.2000	
A	Paragraphs 6.21 and 6.22 of Appendix <b>30B</b>	17.11.2007	
A	Paragraph 8.9b) of Appendix <b>30B</b>	05.07.2003	
A	Paragraphs 5.3 and 5.4 of <b>Resolution 33</b>		

Symbol	Finding unfavourable with respect to	Use from	Use to
N	<b>RR1504</b> and/or <b>RR1505</b>		31.12.1998
N	No. <b>11.32</b>	01.01.1999	
N	No. <b>11.34</b>	01.01.1999	
N	Paragraphs 5.3 or 5.4 of <b>Resolution 33</b>		
N	Former paragraphs 5.2.1b, 5.2.1c, 5.2.1d, 6.3.9 or 7.4.5.2 of Appendix <b>30 (WRC-97)</b>		02.06.2000
N	Paragraphs 5.2.1b, 5.2.1c, 5.2.1d or 5.2.1.e of Appendix <b>30</b>	03.06.2000	
N	Former paragraphs 5.2.1b or 5.2.1c and 5.2.1.e, 5.2.1d, 6.6 or 7.7 of Appendix <b>30A (WRC-97)</b>		02.06.2000
N	Paragraphs 6.21 and/or 6.22 of Appendix <b>30B</b>	17.11.2007	
N	Paragraph 8.9b) of Appendix <b>30B</b>	05.07.2003	
N	Paragraphs 5.2.1b), 5.2.1c), 5.2.1d) or 5.2.1.e), 6.6 or 7.8 of Appendix <b>30A</b>	03.06.2000	

Symbol	Description	Use from	Use to
-	Not examined		



**III Sub-column 13A3: Technical examination**

The symbols used in sub-column 13A3 are as follows:

TABLE 13A3

<b>Symbol</b>	<b>Finding favourable with respect to</b>	<b>Use from</b>	<b>Use to</b>
A	<b>RR1506</b> and <b>RR1509</b> when both are applicable		31.12.1998
A	<b>RR1506</b> or <b>RR1509</b> when one of them only is applicable		31.12.1998
A	Nos. <b>11.32A</b> or <b>11.33</b> when one of them only is applicable	01.01.1999	
A	Paragraph 5.5 of <b>Resolution 33</b>		
A	Former paragraphs 6.3.10 or 7.4.5.3 of Appendix <b>30 (WRC-97)</b>		02.06.2000

<b>Symbol</b>	<b>Finding unfavourable with respect to</b>	<b>Use from</b>	<b>Use to</b>
N	<b>RR1506</b> and/or <b>RR1509</b>		31.12.1998
N	Nos. <b>11.32A</b> or <b>11.33</b>	01.01.1999	
N	Paragraph 5.5 of <b>Resolution 33</b>		
N	Former paragraph 6.3.10 or 7.4.5.3 of Appendix <b>30 (WRC-97)</b>		02.06.2000

<b>Symbol</b>	<b>Description</b>	<b>Use from</b>	<b>Use to</b>
-	Not examined		

TABLE 13B

## Symbols used in column 13B

**I Column 13B1: Reference to a provision of the Radio Regulations or an Appendix thereto, or a Resolution of a World Radio Conference or a Regional Agreement**

The symbols used are as follows:

TABLE 13B1

Code	Reference to a provision of the Radio Regulations or an Appendix thereto, or a Resolution of a World Radio Conference or a Regional Agreement	Use from	Use to
RR1560	This frequency assignment is the subject of an unfavourable Finding with respect to <b>RR1503</b> . In accordance with the provision <b>RR1560</b> , if harmful interference is actually caused to any station whose assignment is in conformity with the Radio Regulations, the station concerned shall, on receipt of advice thereof, immediately eliminate this harmful interference.		31.12.1998
8.5	This frequency assignment is the subject of an unfavourable Finding with respect to No. <b>11.31</b> . In accordance with the provision No. <b>8.5</b> , if harmful interference is actually caused to any station whose assignment is in conformity with the Radio Regulations, the station concerned shall, on receipt of advice thereof, immediately eliminate this harmful interference.	01.01.1999	
RR1544 RR1559	This frequency assignment to a space radiocommunication station has been recorded in the Master Register in accordance with the provisions of <b>RR1544</b> . If harmful interference is actually caused, in accordance with <b>RR1559</b> , to the reception of any space radiocommunication station whose frequency assignment has been recorded in the Master Register as a result of a favourable Finding with respect to <b>RR1503, RR1504, RR1505, RR1506 - 1508</b> or <b>RR1509 - 1512</b> , as appropriate, the station using this frequency assignment shall, on receipt of advice thereof, immediately eliminate the harmful interference. The attention of the notifying administration has been drawn to these provisions.		31.12.1998
11.41	This frequency assignment has been recorded in the Master Register in accordance with the provisions of No. <b>11.41</b> . If harmful interference is actually caused, to any recorded assignment which was the basis of the unfavourable finding, the station using this frequency assignment shall, on receipt of advice thereof, immediately eliminate the harmful interference.	01.01.1999	
A30#4.1.18 A30#4.2.21A	This frequency assignment provisionally entered in the Region 1 and 3 List or Region 2 Plan in accordance with paragraphs 4.1.18 or 4.2.21A of Appendix <b>30</b> respectively. The provisions of paragraphs 4.1.18bis to 4.1.20 or 4.2.21B to 4.2.21D of Appendix <b>30</b> , as appropriate, shall apply.	03.06.2000	

## SECTION IV - Table 13B: Symbols used in column 13B

Code	Reference to a provision of the Radio Regulations or an Appendix thereto, or a Resolution of a World Radio Conference or a Regional Agreement	Use from	Use to
A30A#4.1.18 A30A#4.2.21A	This frequency assignment provisionally entered in the Region 1 and 3 feeder-link List or Region 2 feeder-link Plan in accordance with paragraphs 4.1.18 or 4.2.21A of Appendix <b>30A</b> respectively. The provisions of paragraphs 4.1.18bis to 4.1.20 or 4.2.21B to 4.2.21D of Appendix <b>30A</b> , as appropriate, shall apply.	03.06.2000	
30B#6.25	This frequency assignment provisionally entered in the List in accordance with paragraphs 6.25 of the Appendix <b>30B</b> . The provisions of paragraphs 6.26 to 6.29 of Appendix <b>30B</b> shall apply.	17.11.2007	
RR----	The provision of the Radio Regulations indicated by the number following this symbol applies to the assignment or entry concerned.		31.12.1998
--.--	The provision of the Radio Regulations indicated by the number following this symbol applies to the assignment or entry concerned.	01.01.1999	
RS4#1.1	The administration responsible for this assignment has not replied to the consultation of the Bureau under <b>Resolution 4</b> , paragraph 1.1; in consequence the assignment in question is considered to be definitively discontinued.		
ART--	The Article of the Radio Regulations indicated by the number following this symbol applies to the assignment or entry concerned.		
RS---	The Resolution of the Radio Regulations indicated by the number following this symbol applies to the assignment or entry concerned.		
AP--	The Appendix of the Radio Regulations indicated by the number following this symbol applies to the assignment or entry concerned.		
X/RR----	This frequency assignment has been examined with respect to its conformity with a provision or Article of the Radio Regulations or an Appendix thereto or with a Resolution or a Regional Agreement and an unfavourable Finding was formulated. The provision or Article is indicated following this symbol.		31.12.1998
X/--.--	This frequency assignment has been examined with respect to its conformity with a provision or Article of the Radio Regulations or an Appendix thereto or with a Resolution or a Regional Agreement and an unfavourable Finding was formulated. The provision or Article concerned is indicated following this symbol.	01.01.1999	
X/RS----	This frequency assignment has been examined with respect to its conformity with a provision or Article of the Radio Regulations or an Appendix thereto or with a Resolution or a Regional Agreement and an unfavourable Finding was formulated. The Resolution concerned is indicated following this symbol.		

## SECTION IV - Table 13B: Symbols used in column 13B

Code	Reference to a provision of the Radio Regulations or an Appendix thereto, or a Resolution of a World Radio Conference or a Regional Agreement	Use from	Use to
X/AP----	This frequency assignment has been examined with respect to its conformity with a provision or Article of the Radio Regulations or an Appendix thereto or with a Resolution or a Regional Agreement and an unfavourable Finding was formulated. The Appendix concerned is indicated following this symbol.		
X/ROP RCV4.4	This frequency assignment is not receivable in accordance with paragraph 4.4 of the Rules of Procedure “Rules concerning the Receivability of forms of notice generally applicable to all notified assignments submitted to the Radiocommunication Bureau in application of the Radio Regulatory Procedures relating to space services”.		
9.19_BSS_ES	<p>The assignments of the broadcasting-satellite (BSS) network associated with the specific receiving earth station have been recorded in the Master Register.</p> <p>Compatibility between transmitting stations of terrestrial services or transmitting earth stations in the fixed-satellite service (Earth-to-space) and receiving earth stations in the broadcasting-satellite (BSS) should be established by coordination under No. <b>9.19</b>.</p> <p>Under No. <b>9.19</b>, requests for coordination should be initiated by the notifying administration of transmitting stations of terrestrial services or transmitting earth stations in the fixed-satellite service (Earth-to-space).</p> <p>Thus, the coordination under No. <b>9.17/9.17A</b> and subsequent notification under Article <b>11</b> would not be necessary for the specific receiving earth stations in the BSS. However, the Bureau accepts notification of such earth stations when specifically requested by Administrations.</p> <p>The No.11.32 finding indicated in Col 13A2 with symbol “A” or “N” concerns finding with respect to whether or not the associated space station assignments are recorded in the Master Register and the earth station is inside the service area of the space station. There is no examination with respect to its conformity with No.<b>9.17/9.17A</b>.</p>		
QRS85	This frequency assignment of non-geostationary satellite system in fixed-satellite service is subject to either No. 22.5C, 22.5D or 22.5F of Article 22. No examination was carried out under these provisions and qualified favourable finding is established in accordance with Resolution 85 (WRC-03).	1.11.2020	
QRS770	This frequency assignment of non-geostationary satellite system in fixed-satellite service is subject to No. 22.5L of Article 22. No examination was carried out under this provision and qualified favourable finding is established in accordance with Resolution 770 (WRC-19).	1.11.2020	

## SECTION IV - Table 13B: Symbols used in column 13B

Code	Reference to a provision of the Radio Regulations or an Appendix thereto, or a Resolution of a World Radio Conference or a Regional Agreement	Use from	Use to
QRS169	This frequency assignment is used in aeronautical earth station in motion subject to power-flux density limit in Part II of Annex 3 to Resolution 169 (WRC-19). No examination was carried out with respect to this pfd limit and qualified favourable finding is established in accordance with Resolution 169 (WRC-19).	1.11.2020	
QRS761	This frequency assignment to the BSS (sound) in the band 1 452-1 492 MHz was not examined with respect to the pfd limit set forth in resolves 1 of Resolution 761 (REV.WRC-19) and issued a qualified favourable finding with respect to No. 9.35.	1.11.2020	
QRS140	Qualified favourable finding was made to this frequency assignment to the non-GSO FSS system in the band 19.7-20.2 GHz to which the responsible administration has requested the application of No. 22.5CA with respect to the epfd↓ limits in Table 22-1C but not yet reached the necessary agreements.	1.11.2020	
Q/WRC---	Qualified favourable was made to this frequency assignment as the frequency allocation concerned has been adopted by the conference but is not yet in force. The finding will become favourable after the date of coming into force of the frequency allocation and upon confirmation that the date of bringing the frequency assignment into use is actually after the date of entry into force of the subject frequency allocation.	1.11.2020	
QRS---	This frequency assignment has been examined with respect to its conformity with a provision or Article of the Radio Regulations or an Appendix thereto or with a Resolution or a Regional Agreement and a qualified favourable finding was formulated. The Resolution concerned is indicated following this symbol.	1.11.2020	

**II Column 13B2: Remarks concerning Findings**

The symbols used in Column 13B2 are as follows:

TABLE 13B2

Code	Remarks concerning Findings	Use from	Use to
B	<p>The notified characteristics of the assignment are different to those of the related Plan assignment. In application of the Rules of Procedure concerning § 5.2.1 d) of Appendices 30 and 30A, the finding is based on a favourable comparative assessment of the interference level between the notified assignment and assignments in the Plan, the List, and of other services sharing the same frequency bands as they existed at the time of the examination.</p> <p>The assignment is entitled to the same level of protection as the related Plan assignment. It is not entitled to cause more interference to, or require more protection to interference from, other assignments compared with that afforded to the related Plan assignment.</p>	01.12.2002	
C	<p>In application of § 5.1.1 of Appendix 30A, the Bureau has not yet taken into account the power control value submitted by the responsible Administration under item C.8.i.5 and published under Part I-S for the subject network.</p> <p>Once the power control calculation software (POWCON) becomes available, the Bureau will calculate the permissible power increase of the subject assignments and communicate the results of its calculations to the notifying Administration.</p>	01.06.2003	04.02.2014
H	<p>The present assignment shall be operated subject to not causing harmful interference to or claiming protection from the assignments of administrations indicated in the "adm" column of the coordination table A5/A6 after a reference to the relevant provisions of the Radio Regulations.</p>		
K	<p>This frequency assignment to an inter-satellite link of a geostationary space station communicating with a non-geostationary space station is not taken into account by the Bureau in its examination under No. 11.32</p>		
P	<p>The favourable finding for this assignment, with respect to No. 11.32 only concern its conformity with the coordination procedure under Nos. 9.15, 9.17 and 9.17A because the assignment of the associated space station has been recorded with an Unfavourable finding under No. 11.36 (Operated in accordance with No. 4.4). This assignment has no recognized status in the space network coordination context (Nos. 9.7, 9.9 (where applicable), 9.12 and 9.13).</p>		

## SECTION IV - Table 13B: Symbols used in column 13B

Code	Remarks concerning Findings	Use from	Use to
R	In accordance with the provisions of the Table of Frequency Allocations to which reference is made in Column <b>13B1</b> , the present assignment may operate in a specific frequency band subject to not causing harmful interference to another service or to another station in the same service or to not claim protection from harmful interference caused by the other service or other station in the same service in the whole Region or in certain countries.		
S	The service indicated in Column <b>C4a</b> being secondary ( <b>RR420</b> ) or subject to not causing harmful interference ( <b>RR435</b> ), this assignment is not taken into account when examining, with respect to the provisions of former Article <b>13</b> , an assignment pertaining to a primary service.		31.12.1998
S	The service indicated in Column <b>C4a</b> being secondary (No. <b>5.28</b> ) or subject to not causing harmful interference (No. <b>5.43</b> ), this assignment is not taken into account when examining, with respect to the provisions of Article <b>11</b> , an assignment pertaining to a primary service.	01.01.1999	
T	This frequency assignment is not subject to the coordination procedure and is included in the CR/C publication for information only.	01.01.1999	
Y	Pursuant to the provisions referred to in Column <b>13B1</b> , this assignment (or entry) is not taken into account when examining frequency assignments in accordance with the provisions of former Article <b>13</b> of the Radio Regulations. The present assignment has been recorded or retained in the Master Register for information only.		31.12.1998
Y	Pursuant to the provisions referred to in Column <b>13B1</b> , this assignment (or entry) is not taken into account when examining frequency assignments in accordance with the provisions of Article <b>11</b> of the Radio Regulations. The present assignment has been recorded or retained in the Master Register for information only.	01.01.1999	

**III Column 13B3: Date relating to a review to be made**

The symbols used in Column 13B3 are as follows:

TABLE 13B3

Code	Type of date relating to a review to be made	Use from	Use to
A	This assignment is recorded in accordance with <b>RR1553</b> on a provisional basis before it is put into use. If the notifying administration has not confirmed the putting into use by the date indicated in the column "d_fdg_rev", the assignment will be deleted.		31.12.1998
A	This assignment is recorded in MIFR on a provisional basis before it is put into use. If the notifying administration has not confirmed the putting into use by the date indicated in the column "d_fdg_rev", the assignment will be deleted.	01.01.1999	
C	To store the expiry date of the use of a group of assignments after it has been brought into use (e.g. 15 year expiry date for List assignments brought into use in case of App.30 and 30A Lists).	01.01.2006	
D	The Bureau has been informed that use of this assignment, which was suspended, will resume on the date indicated in the column "d_fdg_rev". At that date, the situation will be reviewed.		30.09.2013
D	In accordance with the provisions of the Radio Regulations, the use of this assignment has been suspended. If the notifying administration has not brought back into use this assignment by the date indicated in the column "d_fdg_rev", it will be deleted.	01.10.2013	
F	a) In accordance with the provisions of the Radio, Regulations which apply to the frequency band in which this assignment is situated, this assignment will be reviewed on the date in the column "d_fdg_rev". Or b) Qualified favourable finding established for this frequency assignment will be reviewed on the date in the column "d_fdg_rev".		



TABLE 13C

**Remarks**

The following coded remarks of a general nature are used in Column 13C.

<b>Code</b>	<b>Remarks by the Bureau</b>
<b>E/ddmmyy</b>	The resubmitted notice concerning this assignment was received on the date indicated in this symbol. (Date format for short is in format ddmmyy)
<b>N/ddmmyy</b>	The date indicated in this symbol is the date of receipt of the notice when, for any reason, this date is not recorded in any part of Column BR1.
<b>T/ddmmyy</b>	The date indicated in this remark is the date on which of this assignment was reviewed in accordance with <b>RR 1561-1564</b> or No. <b>14.1</b> (Date format for short is in format ddmmyy)
<b>Q/ddmmyy</b>	The date indicated in this remark is the date on which previously established qualified favourable finding for this assignment was reviewed (Date format for short is in format ddmmyy)

<b>Code</b>	<b>Nr</b>	<b>Remarks made by specific administrations.</b>
<b>AUS</b>		<b>Australia</b>
AUS	1	Centre frequency=2030.4375 MHz
AUS	2	Centre frequency=2205.0 MHz
AUS	3	Provision 3.1 of Annex 3 to Appendix 30A defines guardbands at both the lower and upper edges of the Plan, which may be used for transmissions in the space operation service. The Administration of Australia has indicated that the AUSSAT C 152E BSS network will provide a service with frequency assignments having a bandwidth of 33 MHz. As a consequence, channel 40 of the AUSSAT C 152E BSS network overlaps the guardband at the upper edge of the Regions 1 and 3 Feeder-link Plan. In this regard, the Administration of Australia has stated that this assignment will operate on a non-interference basis.
AUS	4	Satellite successfully launched on October 13, 2006. The Optus D1 spacecraft operates using a number of separate satellite networks with AUSSAT B and D network names.
AUS	5	The Optus D2 spacecraft will operate using the AUSSAT B 152E satellite network at 152E.
AUS	6	These spacecraft are designed to operate at any position from 150 degrees East to 165 degrees East. Optus B1 relocated from 160E in February, 2007. Optus B3 to be relocated from 152E in mid-2008.
<b>CAN</b>		<b>Canada</b>
CAN	1	The CAN-BSS1X satellite has been first deployed and maintained at the nominal geographical longitude 82W on the geostationary-satellite orbit since the date 11.10.2008 indicated in the original Appendix 4 submission under the frequency assignments of the relevant CAN-BSS1X satellite.
CAN	2	The CAN-BSS2X satellite has been first deployed and maintained at the nominal geographical longitude 91.1W on the geostationary-satellite orbit since the date 15.06.2012 indicated in the original Appendix 4 submission under the frequency assignments of the relevant CAN-BSS2X satellite.
<b>D</b>		<b>Germany (Federal Republic of)</b>
D	5	The experiments will last about 30 days. The transmitter is brought into operation during one orbit out of three
D	6	Reinstating erroneously deleted frequency band
<b>F</b>		<b>France</b>
F	7	Earth stations aboard balloons moving over the southern hemisphere, between the parallels 20° and 70°, at a maximum altitude of 12 000 metres

## SECTION IV - Table 13C: Remarks

Code	Nr	Remarks made by specific administrations.
F	21	Transmitting antenna characteristics: Vertical polarization: a) coverage in azimuth: 0° to 360° b) coverage in elevation: +10° to -45° The isotropic gain of the antenna in the direction of maximum radiation is +4 dB Horizontal polarization: a) coverage in azimuth: 0° to 360° b) coverage in elevation: -90° to -45° The isotropic gain of the antenna in the direction of maximum radiation is -1 dB
F	22	Several earth receiving stations in the meteorological-satellite service can be brought into service throughout the service area, including on board ships
F	23	This entry relates to an assignment to a space station on a satellite which was foreseen to be in the geostationary satellite orbit. The notifying administration has informed the BR that, due to failure in launching, this satellite was in a non-geostationary orbit and that the expected lifetime of the space station had been reduced to 12 - 15 months. In view of the exceptional circumstances and considering that the probability of harmful interference has not been increased by the modification in the orbital information, the Bureau has accordingly decided to amend the original entry (which related to the space station in the geostationary satellite) in accordance with No. 639CU of the Radio Regulations (see No. 1549 of the Radio Regulations, Geneva, 1979)
F	26	This frequency is used for links between earth stations and a space station on board a launcher intended to place a satellite in orbit
F	27	The nominal culmination altitude of the Ariane launcher is 82 km
F	28	The nominal culmination altitude of the Ariane launcher is 189 km
F	29	The nominal culmination altitude of the Ariane launcher is 214 km
F	30	Intermittent operation
F	31	The operational SOHO orbit is a halo orbit about the L1 Lagrangian point in the Sun-Earth system. The L1 point is located at a distance of about 1.5 million km from the Earth in the direction of the Sun Orbital period: Approximately 6 months, Inclination: 5° above the ecliptic plane Celestial Body: The Celestial bodies primarily determining the orbital motion of the SOHO spacecraft in this orbit are the Sun and the Earth, but the influence of the Moon and of major planets is not negligible
F	32	Telecommand - 2 GHz band
F	33	Telecommand - KU band
F	34	Telemetry - 2 GHz band
F	35	Telemetry - KU band
F	36	Telecommand - VHF band
F	37	Not modulated carrier
F	38	For the F-SATMULTI-1B satellite network the particular frequency assignments can be found by using the following formula: $F(\text{MHz})=11700+k*20.5$ , where $k=1$ to 23
F	39	For the F-SATMULTI-1B satellite network the particular frequency assignments can be found by using the following formula: $F(\text{MHz})=11700+k*2.6$ , where $k=1$ to 191
<b>G</b>		<b>United Kingdom of Great Britain and Northern Ireland</b>
G	30	Any 4 MHz in 5 MHz range
G	31	Except in Region 1
G	32	This frequency assignment was transferred to the notifying Administration of the United Kingdom on 18 July 2001 by the INTELSAT Assembly of Parties (see Special Section of the BR IFIC, No. 2450, dated 7 August 2001), and is among the frequency assignments referenced as "Common Heritage" in the Agreement Relating to the International Telecommunications Satellite Organization, as amended
<b>HOL</b>		<b>Netherlands (Kingdom of the)</b>
HOL	1	Use is limited to Region 1 and 3
HOL	2	Use is limited to Region 2
HOL	3	Use is limited to Region 3
<b>J</b>		<b>Japan</b>
J	101	This beam is omni directional
J	102	The space station will transmit signals only above Japan in normal and emergency case and Sweden in emergency case
J	103	The satellite will transmit signal to the receiving station named CRESST, only when it flies over Japan. However, in an emergency it will also transmit signal to the receiving station named ESRANGE
J	104	Beam BTRMD and BTEMD use Bluetooth. This Bluetooth will be used by STARS that consists of mother and daughter satellites. Apply to RR4.4
J	105	Moon orbit

## SECTION IV - Table 13C: Remarks

Code	Nr	Remarks made by specific administrations.
J	106	Moon orbit; radar echo
J	107	Moon orbit; moon radar
J	108	Operates in vicinity of moon
<b>LUX</b>		<b>Luxembourg</b>
LUX	1	Alpha:0 to 360; Beta:24 to 90
<b>RUS</b>		<b>Russian Federation</b>
RUS	1	Near polar circular orbit
RUS	2	The transmitter is brought into operation depending on visibility conditions when the altitude of the satellite is over about 15 000 km. The power is adjusted to ensure that the power flux density produced at the surface of the Earth during operation of the transmitter does not exceed the limit recommended in CCIR Recommendation 358-1, Oslo, 1966
RUS	3	Elliptical orbit
RUS	4	The service area is the area covering the region situated north of the curves representing satellite orbits in Figure 3 of the Annex 3 to weekly Circular No. 1258 of 29 March 1977
RUS	5	Global coverage: radius of radiovisibility zone 3000 km around sub-satellite point, account being taken of orbital parameters
RUS	6	Inclination excursion: +/-0.5
RUS	7	The deployment of the orbital constellation first stage system "GONETS-M" (12 satellites) is planned to complete before 30 November 2015 year. One satellite from this constellation was launched in 2005 year.
<b>S</b>		<b>Sweden</b>
S	26	Radiobeacon in rocket payload used for recovery reasons Maximum altitude of rocket is 20 km; Transmission starts during the descent at the height of 6000 metres; Estimated number of rockets: 15/year Operating time during descent: Maximum 10 minutes/rocket; Operating time on ground: Maximum 32 hours/rocket; Test transmissions from ground: 20 hours year
S	30	The plane of polarization of radiation which is in use at present is horizontal
<b>USA</b>		<b>United States of America</b>
USA	1	The gain (Gv) of the transmitting antenna in the sector 30° to 90° is -30 dB; in the sector 220° to 260° -6 dB
USA	2	Near polar orbit
USA	19	The transponder will operate initially for testing purposes without modulation (FO). In this mode the maximum e.i.r.p. will be 10.5 dBW
USA	27	Continuous during the periods when the satellite moves in the daylight portion of the orbit (Col. 10B)
USA	28	There are small differential differences in the velocities of the individual satellites of the system; for this reason the periods will vary between 12 days for the fastest and 13.7 days for the slowest
USA	43	Each of the INTELSAT III satellites has a communication system primarily composed of two separate wideband linear translator repeaters, each having a bandwidth of 225 MHz. One of these transponders receives signals in the frequency range 5 930 to 6 155 MHz, translates them through a single 2 225 MHz frequency conversion, and retransmits them in the frequency range 3 705 to 3 930 MHz; the other transponder performs similarly, receiving signals in the range 6 195 to 6 420 MHz and retransmitting them in the range 3 970 to 4 195 MHz (see also Special Section No. SAT/4/728 annexed to weekly Circular No. 728, dated 8 November 1966)
USA	45	The reference frequencies are uniformly separated by 2 500 kHz from frequency 5 935 MHz to frequency 6 155 MHz (both included). The emission may consist of any combination of transmissions with individual bandwidths of 5 000 kHz, 10 000 kHz or 20 000 kHz.
USA	46	The reference frequencies are uniformly separated by 2 500 kHz from frequency 6 195 MHz to frequency 6 420 MHz (both included). This emission may consist of any combination of transmissions with individual bandwidths of 5 000 kHz, 10 000 kHz, 20 000 kHz or 40 000 kHz
USA	47	The reference frequencies are uniformly separated by 2 500 kHz from frequency 3 710 MHz to frequency 3 930 MHz (both included). The emission may consist of any combination of transmissions with individual bandwidths of 5 000 kHz, 10 000 kHz or 20 000 kHz
USA	50	The reference frequencies are uniformly separated by 2 500 kHz from frequency 3 970 MHz to frequency 4 195 MHz (both included). The emission may consist of any combination of transmissions with individual bandwidths of 5 000 kHz, 10 000 kHz, 20 000 kHz or 40 000 kHz.

## SECTION IV - Table 13C: Remarks

Code	Nr	Remarks made by specific administrations.
USA	51	Transmissions occur only upon telecommand from earth stations at Fairbanks, Alaska, and Rosman, N.C. Each transmission lasts five minutes. The average number of transmissions per day is ten to Fairbanks, Alaska, and two to Rosman, N.C. The average total transmission time per day is 60 minutes. The time of transmission depends upon orbit angles to earth stations and station workload scheduling.
USA	54	The station Rosman, N.C., receives an average of two transmissions per day from the satellite and the station Fairbanks, Alaska, ten transmissions per day. Each transmission lasts five minutes. The time of reception depends upon orbit angles and station workload scheduling
USA	55	The altitude of the circular orbit described by the space station around the moon is 1 100 kilometres; the angle of inclination of the orbit in relation to the plane of the lunar equator is 116° and the period of the space vehicle is 226 minutes
USA	65	All reception stations within line of sight of spacecraft with antenna elevation angles of 3° or more.
USA	67	Data collection platforms within line of sight of spacecraft
USA	70	The space station is on the surface of the planet Mars
USA	71	The altitude of the apoapsis of the orbit described around the planet Mars is 35 000 kilometres and the altitude of the periapsis is 1500 kilometres. The period of the satellite is one Martian day
USA	72	Pioneer Venus Multiprobe will be placed into a trajectory to encounter the planet Venus. The space station will be destroyed approximately one minute after entering the Venusian atmosphere
USA	73	The altitude of the apoapsis of the orbit described around the planet Venus is 66 000 kilometres and the altitude of the periapsis is 200 kilometres
USA	74	Space station PIONEER-10 is in a trajectory to escape the solar system
USA	75	Space station PIONEER-11 will fly by Saturn in 1979.
USA	76	Heliocentric orbit
USA	77	Space station will fly by the planets Jupiter, Saturn and Uranus
USA	78	Space station will fly by the planets Jupiter and Saturn
USA	79	Data collection platforms on United States territory or on board balloons (maximum altitude 10 000 metres) over United States territory
USA	80	Data collection platforms on board buoys or balloons (maximum altitude 10 000 metres) in maritime regions within the service area
USA	81	Data collection platforms on board buoys or balloons (maximum altitude 10 000 metres) in maritime regions throughout the world
USA	82	This assignment to a receiving earth station relates to a typical earth station. The antenna characteristics will vary for each individual earth station concerned; consequently, specific data cannot be provided. The receiving system noise temperature will also vary for each individual earth station
USA	83	This assignment to a receiving earth station relates to a typical earth station. The antenna characteristics will vary for each individual earth station concerned; consequently, specific data cannot be provided. The most commonly utilized emission will be 0.1A1 and 2.7A3J; however, any emission type falling within the assigned frequency band could be utilized. The receiving system noise temperature will also vary for each individual earth station.
USA	84	This assignment to a transmitting earth station relates to a typical earth station. The antenna characteristics will vary for each individual earth station concerned; consequently, specific data cannot be provided. The most commonly utilized emissions will be 0.1A1 and 2.7A3J; however, any emission type falling within the assigned frequency band could be utilized
USA	85	The most commonly utilized emissions will be 0.1A1 and 2.7A3J. However, any emission type falling within the bandwidths available could be utilized
USA	86	Global coverage in the sub-satellite radiovisibility area up to 4 000 km
USA	87	Global coverage in the sub-satellite radiovisibility area up to 3 000 km
USA	88	This assignment to a transmitting earth station relates to a typical earth station. The antenna characteristics will vary for each individual earth station concerned, consequently, specific data cannot be provided
USA	95	For the LEOTELCOM-1 satellite network the particular frequency assignments can be found by using the following formula: $F \text{ (MHz)} = 148.05125 + N * 0.0025$ , where $N = 1$ to 739
USA	96	For the LEOTELCOM-1 satellite network the particular frequency assignments can be found by using the following formula: $F \text{ (MHz)} = 149.90125 + N * 0.0025$ , where $N = 1$ to 57
USA	97	For the HIBLEO-2 satellite network the particular frequency assignments can be found by using the following formula: $F \text{ (MHz)} = 1616 + (5/12) * 0.05 + N * (5/6) * 0.05$ , where $N = 1$ to 250

## SECTION IV - Table 13C: Remarks

Code	Nr	Remarks made by specific administrations.
USA	98	For the LEOSAT-1 satellite network, the particular frequency assignments can be found by using the following formula: Assigned frequency F (n) in GHz = 28.617600 + 0.000275 x n where n is a number ranging from 0 to 1690. Overlapping frequency channels will not be assigned within a single frequency reuse area
USA	99	For the LEOSAT-1 satellite network, the particular frequency assignments can be found by using the following formula: Assigned frequency F(n) in GHz = 29.517600 + 0.000275 x n where n is a number ranging from 0 to 235 Overlapping frequency channels will not be assigned within a single frequency reuse area
USA	100	For the USLL-LEO Satellite network the inclination angle varies from 55 to 110 degrees.
USA	101	NEAR will be launched aboard a Delta-II rocket from Cape Canaveral in March 1996. It will enter an initial parking orbit of 185 km altitude for less than one hour before an insertion burn sends it on a transfer trajectory toward the Eros asteroid. An Earth swing-by occurs in January 1998 and arrival at Eros occurs in December 1998. The spacecraft will eventually orbit the asteroid and study it for a period of about one year
USA	102	The Mars Global Surveyor will use a single spacecraft to map the planet Mars from a near-circular, near-polar Sun-synchronous orbit of at least 300 kilometres for a period of one Mars year (687 Earth days). Mars Global Surveyor will be launched by a Delta II expendable vehicle from Cape Canaveral, Florida in November 1996. The spacecraft will cruise 10 months to Mars, where it will be initially inserted into an elliptical capture orbit. During the following four months, thruster firings and aerobraking techniques will be used to reach the nearly circular mapping orbit over the Martian polar caps. Mapping operations are expected to begin in late January 1998. The spacecraft will circle Mars once every two hours. Mars Global Surveyor will return imaging data from instrumented balloons (or stations on the surface of Mars) to the Mars Global Surveyor spacecraft. Once a radio link is established between Mars Global Surveyor and the balloons or surface stations, telemetry data will be transmitted back to the Mars Global Surveyor for storage and subsequent relay to Earth in the normal 8 GHz space research band
USA	103	The Mars Pathfinder mission will be launched from Cape Canaveral, Florida as a single payload using a Delta II launch vehicle. The spacecraft will arrive at Mars on or about July 4, 1997 and the lander/rover will be parachuted to the surface of Mars. The lander module contains solar panels, the microrover, and a communications system including a high gain antenna which will be used to transmit rover telemetry data back to Earth
USA	104	The Cassini mission to Saturn will cover a 10.7 year period from 1997 to 2008. The spacecraft will be launched from Cape Canaveral, Florida as a single payload using a Titan IV and Centaur upper stage as the launch vehicle. Venus flyby will occur in April 1998 and June 1999, Earth flyby in August 1999, Jupiter flyby in December 2000 and Saturn orbit insertion in June 2004. Probe entry will occur in November 2004 with end of mission in late June 2008
USA	105	Operation of these frequencies will be in accordance with RR342. The Huygens Probe, carrying five experiments, will be separated from Cassini near the Saturn moon Titan to study its atmospheric composition, overall structure, and surface properties. Data collected by the Huygens Probe will be transmitted to Cassini on either 2 040 MHz or 2 097.92 MHz. This data will then be transmitted to Earth by Cassini in the normal 8 GHz space to Earth links. The Probe to Orbiter data rate will be 8 kbps. There will be no Cassini to Huygens transmit mode
USA	106	The Cassini Titan Radar Mapper will map the Saturn moon Titan. This phase of the mission begins after completion of the Huygens Probe mission and ends on June 25, 2008. The Cassini Titan Radar Mapper will operate in either the imaging or altimetry modes. The multimode radar mapper will be capable of surface imaging, topographic mapping by altimetry and scatterometry to study areas of extremely low backscatter. The radar utilizes the Cassini high-gain 4.0m telecommunication antenna
USA	107	Planned frequency assignment is 2090.66 MHz
USA	108	Planned frequency assignment is 2270.4 MHz
USA	109	Global
USA	110	C/N is not applicable
USA	111	Region 3
USA	112	Inclination angle is between 55-85 degree
USA	113	Antenna gain constant on Earth
USA	239	Antenna slews +/- 13.0 DEG E/W
USA	240	Antenna slews +/- 22.5 DEG E/W
USA	241	Broadcast mode
USA	242	Playback mode
USA	243	ES provides back up support

## SECTION IV - Table 13C: Remarks

Code	Nr	Remarks made by specific administrations.
USA	244	Frequency assignment is 32.1559259 GHz
USA	245	Only TX in vicinity of Mars
USA	246	Operates in vicinity of Mars
USA	247	Operates above 15 000 km Alt
USA	248	Operates above 800, 000 km Alt
USA	249	Scatterometer radar
USA	250	STARDUST orbital information: Stardust is designed to gather samples of dust spewed from a comet and return the dust to Earth for detailed analysis. Stardust will encounter comet Wild-2 in January 2004 after a launch on an expendable launch vehicle from Cape Canaveral, Florida in February 1999. The return capsule carrying the dust samples will parachute to Earth for landing on the dry lake bed at the Utah USA Test and Training Range in January 2006. One Earth gravity assist flyby will be performed in January 2001.
USA	251	Halo orbit about L1 Sun-Earth Lagrange point, 1.6 million km from Earth, 2-15 degree inclination
USA	252	For the HIBLEO-2 satellite network the particular frequency assignments can be found by using the following formula $F(\text{MHz}) = 1616 + (5/12) * 0.05 + N * (5/6) * 0.05$ , where $N = 1$ to 250, SA is RG2 excluding VEN
USA	253	GUM operations under No. 4.4
USA	254	The Mars 2001 Orbiter is scheduled for launch in April 2001 and will make its initial approach to the planet Mars in October 2001. After an interval for aerobraking, the Orbiter will begin its primary mission, which is to map and take other measurements of Mars for 1 Martin year (687 days). The Orbiter will then provide relay telecommunications support for an additional Martin year.
USA	255	After launch in July 2002, CONTOUR will make its first comet flyby in November 2003. This flyby of Comet Encke at a distance of about 60 miles (100 Kilometers) will be followed by similar encounters with Comet Schwassmann-Wachmann 3 in June 2006 and comet d'Arrest in August 2008.
USA	256	The Mars 2001 Orbiter HGA antenna (+38.6 dBi) will only transmit when the spacecraft is in the vicinity of Mars. Therefore the PFD limits of Table 21.4 will be met.
USA	257	The Mars 2001 Orbiter MGA antenna (+16.0 dBi) will begin operation at initial spacecraft acquisition of 11,000 km. The spacecraft transmission will meet the -140 dB W/m <sup>2</sup> /4 kHz PFD limit at 36,000 km from Earth. The spacecraft will be at 36,000 km from Earth about 70 minutes after initial acquisition. The Mars 2001 Orbiter will be under 4.4 during this 70 minute period.
USA	258	Operates at altitude $\geq 1300$ km
USA	259	Operates at altitude $< 1300$ km
USA	260	Center frequency = 2287.5 MHz
USA	261	Center frequency = 2106.4 MHz
USA	262	This high gain antenna will only be used at altitudes above 40 million km. Therefore, the PFD limits of Table 21.4 will be met
USA	263	The low power mode (800HG7D) will only be used at altitudes above 18 million km. Therefore, the PFD limits of Table 21.4 will be met.
USA	264	The antenna used at initial acquisition is the X-band low gain with a main beam gain of +8.75 dBi. The PFD limit in this band at low angles of arrival is -150 dBW/m <sup>2</sup> /4 kHz. The angle of arrival is 5 degrees at the initial acquisition altitude of 20,000 km above the Earth. The resultant PFD value is -139.9 dBW/m <sup>2</sup> /4 kHz which exceeds the limit by approximately 10 dB. The PFD limit will be reached at a distance from Earth of about 75,000 km which will occur at approximately 3 hours after initial acquisition. Because the spacecraft transmissions will exceed the PFD limit for 3 hours, operation will be conducted under RR 4.4 for this brief period. After this time period and above 75,000 km, the PFD limits will be met.
USA	265	Satellite to be in lunar orbit
USA	266	Will only transmit > 150 000 000 km
USA	267	Will only transmit > 1 722 000 km
USA	268	AMSR-E passive sensor
USA	269	AMSU-A passive sensor
USA	270	ATMS passive sensor
USA	271	Cloud profiling radar
USA	272	HSB passive sensor
USA	273	MLS passive sensor
USA	274	Synthetic Aperture Radars operating in the vicinity of the moon. SAR's will be pointed toward the moon

## SECTION IV - Table 13C: Remarks

Code	Nr	Remarks made by specific administrations.
USA	275	The gain of the DL1 beam varies less than 2 dB over the surface of the Earth
USA	276	This frequency assignment was transferred to the notifying Administration of the United States of America on 18 July 2001 by the INTELSAT Assembly of Parties (see Special Section of the BR IFIC, No. 2450, dated 7 August 2001), and is among the frequency assignments referenced as "Common Heritage" in the Agreement Relating to the International Telecommunications Satellite Organization, as amended
<b>VTN</b>		<b>Viet Nam (Socialist Republic of)</b>
VTN	1	LMCSS: Lockheed Martin Commercial Space Systems. Number of satellites procured is one with an option for a replacement satellite