

RADIOCOMMUNICATION BUREAU

PREFACE

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

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
March 2024	New Radio astronomy station antenna characteristics – see Table 6 Modification of Section II Chapter 1 and Chapter 2 (AP30B/P)
February 2024	Update of Tables 1B and 12A/12B (name of codes MKD and XYU) Update of Table 11C.2 (new symbol T)
January 2024	Modification of Section III Chapter 1 (Table Name: coord_agree_ntw, e_ant, emiss, grp, notice, provn, res35_notice, all_aff_ntw, sat_sys_provn, tr_aff_ntw, tr_provn, com_el, freq)
June 2023	Modification of Section II Chapter 1 and Chapter 2 (RES169)
January 2023	Modification of GXT format specification in Section III Chapter 2
December 2022	Update of Section III Chapter 1
November 2022	Modification of Section II Chapter 1 and Chapter 2 (RES169) and Section III Chapter 1
September 2022	Update of Note 6 in Section III Chapter 1
July 2022	Modification in Table 12A/12B (addition of the title to the table)
May 2022	Update of Note 5 in Section III Chapter 1
April 2022	New Table 8 (Code for the reference body (data item A.4.b.2)) Update of Section III Chapter 1 (Table Name: notice, Data Item: ntf_occurs)
February 2022	Update of Section III Chapter 1 related to Column Format
December 2021	Modification in Table 13B1 (Modification of code X/ROP RCV4.4)
October 2021	Modification in Table 13B1 (New code Q/21.16.6)
September 2021	New Radio astronomy station antenna characteristics – see Table 6.
July 2021	Modification of Section II Chapter 2 (CR/C) Update of Tables 2 and 11A Section IV
June 2021	Modification of Section II Chapter 1 and Chapter 2 (RES35) and Section III Chapter 1
May 2021	Update of Note 5 in Section III Chapter 1
February 2021	Update of Tables 11A, 13B1, 13B3 and 13C
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)

Edition	Changes
August 2020	<p>Update of Note 2 in Section III Chapter 1</p> <p>Addition of Note 7 in Section III Chapter 1</p> <p>Update of Section III Chapter 2 related to NGSO service area diagrams</p> <p>Modification of Section II Chapter 3 and Section III Chapter 1 to reflect the implementation of the Version 9 of software and databases.</p> <p>Update of Table 11C1.</p>
June 2020	<p>Update of Table 3 Section IV (Class of station – see UO, US, UU symbols).</p> <p>Modification in Table 13B1 (New provision symbol 9.19_BSS_ES)</p>
March 2020	<p>Modification of Section IV Table 11C.1 (New provision symbols: 30B#6.21N_1, 30B#6.21N_2)</p>
January 2020	<p>Modification of Section II Chapter 1 and Chapter 2 with new Special Sections: AP30/P and AP30A/P.</p>
September 2019	<p>Update of Table 3 Section IV (Class of station – see UF symbol).</p> <p>Modification of Section II Chapter 2 (CR/D).</p> <p>Modification in Table 13A (Suppression of sub-column 13A4).</p>
June 2019	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
May 2019	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
April 2019	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
October 2018	<p>Modification of Section III Chapter 1 (non_geo ref_body)</p>
September 2018	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
July 2018	<p>Modification of Section II Chapter 1 (CR/C and CR/F) and Section III Chapter 1 (rtf_rsn).</p>
May 2018	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
April 2018	<p>New Radio astronomy station antenna characteristics – see Table 6.</p> <p>New Note in Chapter 1B of Section 4.</p> <p>Update of Table 3 Section IV (Class of station – see UC symbol).</p>
March 2018	<p>Update of Chapter 3 of Section II (Details relating to the contents of the SNS data items).</p>
December 2017	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
November 2017	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
October 2017	<p>New Radio astronomy station antenna characteristics – see Table 6.</p>
August 2017	<p>New special section API/C.</p>
July 2017	<p>New codes (“CHN”) in Table 6.</p>
May 2017	<p>New special section API/A.</p>

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.
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.
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.
March 2016	New class of station symbols - see Table 3.
November 2015	Table 11B: symbols 11/41 and V/11.31.1 have been expanded.
September 2015	New code (“IRL”) in Table 6.
June 2015	New code (“G”) in Table 13A1.
February 2015	New code (“V”) in Note 5 of Chapter 1 of Section 3.
November 2014	Change of Notifying Administration for ARABSAT-AXB26E_KU satellite network filings (See Table 2).
August 2014	List of Member States for the European Space Agency (ESA) in Table 2.
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 UC for the Earth Stations (No. 5.526) See Table 3.

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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 or *resolves 1.1.4* of Resolution **169 (WRC-19)**;

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.

their remaining within the envelope characteristics of typical earth stations associated with the satellite network with which the ESIMs communicate (Resolution **169 (WRC-19)**) and their conformity with the power flux-density (pfd) limits on the Earth's surface specified in Part II of Annex 3 of that Resolution.

- 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 9.2B and paragraph 7.1 of Article 7 of Appendices 30 and 30A . 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 30 and section 3.1 of Annex 3 to Appendix 30A 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 9.5D .	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 new numbering of the Special Section.
2.1.2 Special Section API/B/	contains a list of administrations which have sent comments under No. 9.3 together with the report submitted by the administration responsible for the network under No. 9.4 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 new numbering of the Special Section.
2.1.3 Special Section API/C/	Advance publication information extracted from the information sent under No. 9.30 , pursuant to Nos 9.1A/9.2C of the Radio Regulations, and is published by the Radiocommunication Bureau in accordance with No. 9.1A .	Special Section in use as of date of receipt 1 January 2017.

Special Section	Description	Period of use
2.1.4 Special Section CR/C/	<p>contains requests for coordination submitted under Nos. 9.7 to 9.14 and 9.21 of frequency assignments to a space station or an earth station of a satellite network, published in accordance with the provision 9.38.</p> <p>This Special Section also contains requests for coordination submitted under or subject to procedures of:</p> <ul style="list-style-type: none"> – Article 7 of Appendix 30 – Article 7 of Appendix 30A <p>With respect to RES33, this Special Section was 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 "A5/A6" 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 new numbering of the Special Section.</p>
2.1.5 Special Section CR/D/	<p>contains information on the status of the coordination procedures (which establishes the requirement of coordination for subsequent actions) under Nos. 9.11 to 9.14 and 9.21, published in accordance with 9.53A. Specific provision(s) (Nos. 9.11 to 9.14 and 9.21) 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 new numbering 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. 9.41 . 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. 9.41 , summary of coordination requirement for applicable provisions and a list of coordination requirements at group level related to No. 9.41 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 9.38 . This Special Section also contains requests of coordination submitted under Resolution 553 (WRC-12) 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 30 or 30A, 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 30 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
<p>2.1.12 Special Section AP30A/E/</p>	<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
<p>2.1.13 Special Section AP30-30A/E/</p>	<p>contains information published in application of Article 4 of Appendices 30 and 30A 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>
<p>2.1.14 Special Section AP30B/</p>	<p>contains information on a space network in application of Articles 6 and 7 of Appendix 30B 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 30B 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"> 1. Assignments examined under §6.3, §6.5 and §6.6, and published under §6.7 of Article 6 of Appendix 30B; and 2. Assignments examined under §6.3 and returned to the notifying administration under §6.4 of Article 6 of Appendix 30B. 	<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 30B. Each special section contains one of the followings:</p> <ol style="list-style-type: none"> 1. Notice examined under §6.19, §6.21 and §6.22, corresponding assignments entered in the List and published under §6.23; 2. Notice examined under §6.19 and returned to the notifying administration under §6.20; 3. Notice examined under §6.21 and §6.22 and returned to the notifying administration under §6.24; 4. Notice returned under §6.24, resubmitted, and corresponding assignments provisionally entered in the List under §6.25. 5. Assignment cancelled from the List and allotment reinstated in the Appendix 30B Plan under §6.33 a) §6.33 b) and §6.33 c). 6. Allotment entered in the Appendix 30B Plan under §6.35 according to a WRC decision. 	<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 AP30B/P/	contains characteristics of a new allotment included in the Plan of Appendix 30B to the Radio Regulations pursuant to the decision of the World Radiocommunication Conference.	Special Section in use as of 16 December 2023
2.1.21 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.
2.1.22 Special Section RES35/	Contains information submitted in accordance with resolves 2, 3, 7 or 8 of Resolution 35 (WRC-19) . It is published by the Radiocommunication Bureau in accordance with resolves 5 and 10 of that Resolution.	Special Section in use.
2.1.23 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.
2.1.24 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.

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

Special Section	Description	Period of use
2.1.25 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</i> 4 of Resolution 148 (WRC-07) .	Special Section in use as of 17 November 2007.
2.1.26 Special Section RES552/	<p>Contains information submitted in accordance with Annexes 1, 2 and 3 to Resolution 552.</p> <p>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.</p>	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 RR1044 .	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 RR1056 .	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 RR1060 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 RR1078 . This Special Section also contained requests for coordination submitted under or subject to procedures of Article 7 of Appendix S30A (including those published under <i>resolves 5</i> of RES533 .)	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 RR1060 , published in accordance with RR1087 .	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 S30 (WRC-97) . 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 S30 .

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 S30 (WRC-97) .	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 30 .
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 S30 (WRC-97) . or: coordination in accordance with <i>resolves</i> 5 of Resolution 533 (WRC-2000) .	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 30 .
2.2.8 Special Section APS30/E/	contained information published in application of former Article 4 of Appendix S30 (WRC-97) 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</i> 3 of Resolution 533 (WRC-97) and (Rev.WRC-2000) ; 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 S30A (WRC-97) 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 533 (WRC-97) and (Rev.WRC-2000);</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 S30A 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 S30A .
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 33 and RR1044 .	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 33 and RR1056 .	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 33 and RR1078 .	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 33 and RR1087 .	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 33 .	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 46 .	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 46 .	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 46 .	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 46 .	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 S30B 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 14 , published under RR1615 .	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 14 , published under RR1626 .	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. 639AA , 639AB and 639AC 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 639AI 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. 639AJ and 639AL 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. Spa2-3 (WARC-71) .	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. Spa2-3 (WARC-71) and in application of the provisions of 639AI 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. Spa2-3 (WARC-71) . Pursuant to the provisions of Nos. 639AJ and 639AL 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. Spa2-3 (WARC-71) .	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

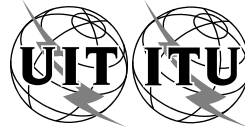
1.4.1	PART I-S
1.4.2	PART II-S
1.4.3	PART III-S
2.1.1	Special Section API/A/
2.1.2	Special Section API/B/
2.1.3	Special Section API/C/
2.1.4	Special Section CR/C/
2.1.5	Special Section CR/D/
2.1.6	Special Section CR/E/
2.1.7	Special Section CR/F/
2.1.8	Special Section AP30-30A/F/C/ related to Regions 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 AP30B/P/
2.1.21	Special Section RES4/
2.1.22	Special Section RES35/
2.1.23	Special Section RES42/
2.1.24	Special Section RES49/
2.1.25	Special Section RES148/
2.1.26	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.

SECTION II - Chapter 2: Cover pages

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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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		PARTIE PART PARTE	I-S
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 Préface	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio .
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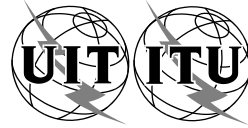
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Modification de la date de mise en service des assignations de fréquence inscrites dans le Fichier de référence au titre de		Modification of the date of bringing into use of frequency assignments provisionally recorded in the Master Register under		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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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	
X	Article 11 du Règlement des radiocommunications	X	Article 11 of the Radio Regulations	X	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

Ces renseignements ont été reçus conformément au point 1.1.4 du <i>décide</i> de la Résolution 169 (CMR-19) .	This information has been received pursuant to <i>resolves</i> 1.1.4 of Resolution 169 (WRC-19) .	Esta información se ha recibido de conformidad con el <i>resuelve</i> 1.1.4 de la Resolución 169 (CMR-2019) .
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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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RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					
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	
Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la Préface .		For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface .		Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio .	



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		PARTIE PART PARTE		II-S	
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	
X	Article 11 du Règlement des radiocommunications	X	Article 11 of the Radio Regulations	X	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

Ces renseignements ont été reçus conformément aux points 1.1.5 et 1.2.5 du <i>décide</i> de la Résolution 169 (CMR-19) .	This information is published in accordance with <i>resolves</i> 1.1.5 and 1.2.5 of Resolution 169 (WRC-19) .	Esta información se ha recibido de conformidad con el <i>resuelve</i> 1.1.5 y 1.2.5 de la Resolución 169 (CMR-2019) .
Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la Préface .	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio .



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		PARTIE PART PARTE	III-S
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			

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

Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la Préface .	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio .
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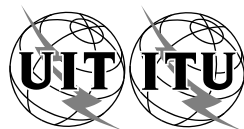
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		PARTIE PART PARTE		III-S
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA		
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL 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	
X	Article 11 du Règlement des radiocommunications	X	Article 11 of the Radio Regulations	X	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

Ces renseignements ont été reçus conformément aux points 1.1.5 et 1.2.5 du <i>décide</i> de la Résolution 169 (CMR-19) .	This information is published in accordance with <i>resolves</i> 1.1.5 and 1.2.5 of Resolution 169 (WRC-19) .	Esta información se ha recibido de conformidad con el <i>resuelve</i> 1.1.5 y 1.2.5 de la Resolución 169 (CMR-2019) .
Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la Préface .	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio .



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	API/A
		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			

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 ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	API/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 API/C
		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		

Ces renseignements ont été extraits des renseignements communiqués conformément au numéro 9.30 , en application des numéros 9.1A/9.2C du Règlement des Radiocommunications, et sont publiés par le Bureau conformément au numéro 9.1A .	The information has been extracted from the information sent under No. 9.30 , pursuant to Nos 9.1A/9.2C of the Radio Regulations, and is published by the Radiocommunication Bureau in accordance with No. 9.1A .	La información se ha extraído de la información remitida con arreglo al número 9.30 , de acuerdo con lo dispuesto en los números 9.1A/9.2C del Reglamento de Radiocomunicaciones, y la Oficina de Radiocomunicaciones la publica de acuerdo con el número 9.1A .
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/C
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 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.</p>	<p>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>De conformidad con los N°s 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.</p>
9.7A			
9.7B			
AP30#7.1			
AP30A#7.1			

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 dans le Tableau II ci-après, qui n'acceptent pas la demande de coordination au titre des numéros 9.11 à 9.14 et 9.21, 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 9.52 avant cette date limite sera considérée comme n'étant pas affectée et, dans les cas couverts par les numéros 9.11 à 9.14, les dispositions des numéros 9.48 et 9.49 s'appliqueront.</p>	<p>Administrations listed or not listed in Table II below, which do not agree to the request for coordination under Nos. 9.11 to 9.14 and 9.21 are requested to communicate their comments to the responsible administration and the Bureau by the deadline indicated below. Any administration not responding under No. 9.52 within this deadline shall be regarded as unaffected and, in the cases of Nos. 9.11 to 9.14, the provisions of Nos. 9.48 and 9.49 shall apply.</p>	<p>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 a los números 9.11 a 9.14 y 9.21 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 con arreglo a lo dispuesto en el núm. 9.52 dentro del plazo indicado no se ve afectada y, en los casos de los números 9.11 a 9.14, se aplicarán las disposiciones de los números 9.48 y 9.49.</p>
9.11A			
9.12			
9.12A			
9.13			
9.14			
9.21/A			
9.21/B			
9.21/C			

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			
AP30#7.1			
AP30A#7.1			

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 تأثيراً 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 ¹			
9.21/B ¹			
9.21/C ¹			

¹ 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.

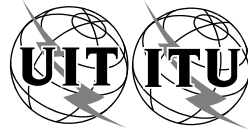
¹ 9.21/A, 9.21/B and 9.21/C – Under No. 9.21, administrations with GSO networks, Non-GSO networks and terrestrial stations, respectively.

¹ 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.

¹ 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电台的主管部门

¹ 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.

¹ 9.21/A, 9.21/B و 9.21/C – بموجب الرقم 9.21، 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	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.	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.	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.
9.11A			
9.12	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.	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.	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.
9.12A			
9.13			
9.14			
9.21/A	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.	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.	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.
9.21/B	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	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	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
9.21/C			

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

CR/C



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/E
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	<p>1. La présente Section spéciale est publiée conformément au numéro 9.42 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.</p>	<p>1. This Special Section is published in accordance with No. 9.42 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>1. Esta Sección Especial se publica de conformidad con el número 9.42 del Reglamento de Radiocomunicaciones al respecto de la solicitud de coordinación publicada en la Sección Especial CR/C indicada al final de esta página.</p>
	9.41/9.7A		<p>2. Administrations that have submitted comments under No.9.41 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.</p>	<p>2. Las Administraciones que han presentado comentarios con arreglo al número 9.41 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.</p>
	9.41/9.7B	<p>2. Les administrations qui ont soumis des observations au titre du numéro.9.41 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.</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	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			

X	LA PROCÉDURE SPÉCIALE PRÉVUE DANS LA RÉSOLUTION 553 S'APPLIQUE	SPECIAL PROCEDURE OF RESOLUTION 553 APPLIES	SE APLICA EL PROCEDIMIENTO ESPECIAL DE LA RESOLUCIÓN 553	
	<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.</p> <p>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.</p> <p>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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DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN
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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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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 9.50-9.52 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
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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 ^{os} 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.

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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 تأثيراً 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>

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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 assignations 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'assignations 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'assignations 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 assignations 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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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	AP30A/E
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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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.

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

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

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.

6/4 GHz
 13/10-11 GHz

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

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

6/4 GHz
 13/10-11 GHz

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

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

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"/> § 6.33 de l'Article 6 <input type="checkbox"/> § 6.49 de l'Article 6 <input type="checkbox"/> Article 7	<input type="checkbox"/> § 5.6 of Article 5 <input type="checkbox"/> § 6.33 of Article 6 <input type="checkbox"/> § 6.49 of Article 6 <input type="checkbox"/> Article 7	<input type="checkbox"/> § 5.6 del Artículo 5 <input type="checkbox"/> § 6.33 del Artículo 6 <input type="checkbox"/> § 6.49 del Artículo 6 <input type="checkbox"/> Artículo 7

SOU MIS AU TITRE DE SUBMITTED UNDER SOMETIDO CON ARREGLO A	§ 6.57	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			

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.

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 ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	AP30B/A6B
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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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 30B du Règlement des radiocommunications	Publication under provisions of Article 7 of Appendix 30B to the Radio Regulation	Publicación con arreglo a las disposiciones del Artículo 7 del Apéndice 30B del Reglamento de Radiocomunicaciones
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Informations concernant un nouvel allotissement inscrit dans le Plan de l'Appendice 30B 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 30B	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	Información relativa a una nueva adjudicación inscrita en el Plan del Apéndice 30B 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 30B
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IDENTIFICATION DU FAISCEAU BEAM IDENTIFICATION IDENTIFICACIÓN DEL HAZ		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º AP30/P/
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 assignations 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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IDENTIFICATION DU FAISCEAU BEAM IDENTIFICATION IDENTIFICACIÓN DEL HAZ		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	AP30A/P/
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 assignations 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 30A .	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 .	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 30A .
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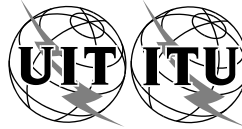
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	AP30B/P/
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR 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 d'un nouvel allotissement inclus dans le Plan de l'Appendice 30B du Règlement des radiocommunications conformément à la décision de la Conférence mondiale des radiocommunications	Characteristics of a new allotment included in the Plan of Appendix 30B to the Radio Regulations pursuant to the decision of the World Radiocommunication Conference.	Características de una nueva adjudicación incluida en el Plan del Apéndice 30B al Reglamento de Radiocomunicaciones de conformidad con la decisión de la Conferencia Mundial de Radiocomunicaciones.	



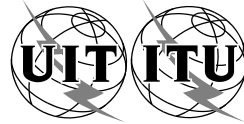
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RESEAU A SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPECIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º		RES4
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		IFIC / DATE IFIC / DATE IFIC/ FECHA		
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. 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.



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	RES35
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ÉTAPE EN VERTU DE LA RES35 RES35 MILESTONE PERIODO INTERMEDIO DE LA RES35		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 reçus conformément aux points 2, 3, 7 ou 8 du <i>décide</i> de la Résolution 35 (CMR-19). Le Bureau des radiocommunications les publie conformément aux points 5 et 10 du <i>décide</i> de cette Résolution.</p> <p>Indication de l'étape en vertu de la RES35 :</p> <p>M0: renseignements initiaux relatifs au déploiement, conformément aux points 2 et 3 du <i>décide</i> M1: 1ère étape, conformément aux points 7a et 8a du <i>décide</i> M2: 2ème étape, conformément aux points 7b et 8b du <i>décide</i> M3: 3ème étape, conformément aux points 7c et 8c du <i>décide</i></p>	<p>This information has been received pursuant to resolves 2, 3, 7 or 8 of Resolution 35 (WRC-19). It is published by the Radiocommunication Bureau in accordance with resolves 5 and 10 of that Resolution.</p> <p>Indication of the RES35 Milestone:</p> <p>M0: initial deployment information, pursuant to resolves 2 and 3 M1: 1st Milestone, pursuant to resolves 7a and 8a M2: 2nd Milestone, pursuant to resolves 7b and 8b M3: 3rd Milestone, pursuant to resolves 7c and 8c</p>	<p>Esta información se ha recibido de conformidad con los <i>resuelve</i> 2, 3, 7 u 8 de la Resolución 35 (CMR-19). La Oficina de Radiocomunicaciones la publica de conformidad con los <i>resuelve</i> 5 y 10 de dicha Resolución.</p> <p>Indicación del plazo de la RES35:</p> <p>M0: información de despliegue inicial, con arreglo a los <i>resuelve</i> 2 y 3. M1: 1^{er} plazo, con arreglo a los <i>resuelve</i> 7a y 8a. M2: 2^o plazo, con arreglo a los <i>resuelve</i> 7b y 8b. M3: 3er plazo con arreglo a los <i>resuelve</i> 7c y 8c.</p>
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CIRCULAIRE HEBDOMADAIRE / DATE WEEKLY CIRCLAR / DATE CIRCULAR SEMANAL / FECHA	SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	RES42 (Système intérimaire du service de radiodiffusion par satellite) (Interim system in the Broadcasting-Satellite Service) (Sistema provisional del Servicio de Radiodifusión por Satélite)
RESEAU A SATELLITE SATELLITE NETWORK RED DE SATÉLITE	ADMINISTRATION RESPONSABLE RESPONSIBLE ADMINISTRATION ADMINISTRACIÓN RESPONSABLE	
RENSEIGNEMENTS RECUS PAR LE BUREAU LE : INFORMATION RECEIVED BY THE BUREAU ON : INFORMACIÓN RECIBIDA POR LA OFICINA EL :		

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)

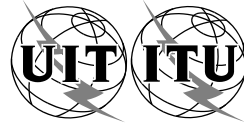
Procedure relating to the use of interim systems in the Broadcasting-Satellite Service in the bands covered by the Appendix 30 Plan for Region 2 (12.2 – 12.7 GHz)

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 assignments 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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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	RES49
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
NUMÉRO D'IDENTIFICATION LIÉ LINKED IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN ASOCIADO		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 § 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.	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.	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.
	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	Las informaciones en la red de satellite están sometidas en el cuadro del
	§ 1		
	§ 2	Annexe 1 to Resolution 49	Anexo 1 a la Resolución 49
	§ 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

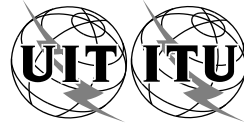
- Space Network Systems Online Service: <http://www.itu.int/sns/>

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 ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	RES148
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	RES552
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.MDB¹/IFICXXXX.mdb¹/SPS_ALL_IFICXXXX.MDB²/30B_XXXX.MDB³). 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 10th 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).

¹ Database containing data for space services not subject to space Plans.

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

³ 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 e.g. 9(4) specifies a number with 4 digits.
“.”	shows the position of a decimal point e.g. 9(7).9(6) specifies a number with 7 digits plus 6 decimals.
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
k:	applied to values in kilohertz
m:	applied to values in megahertz
g:	applied to values in gigahertz

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”⁴ 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”⁴ 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.

⁴ 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”⁴ 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.

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

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
adm_assoc							Administration list “on behalf of” which submitted	
	<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
assgn							Assigned frequency	
	<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
	freq_sym	C.2.a.1.a	X	x	x	x	symbol indicating kilohertz [K], megahertz [M] or gigahertz [G]	
	freq_assgn	C.2.a.1.b	k:9(5).9(3) m:9(5).9(6) g:9(4).9(9)	x	x	x	assigned frequency	
	freq_mhz	BR	9(7).9(6)				frequency in MHz	derived data
	f_cmp_rec	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
c_pfd		A.17					Compliance with pfd limits	
	<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
	freq_min		9(7).9(6)	x			lower frequency limit of the band [MHz]	
	freq_max		9(7).9(6)	x			upper frequency limit of the band [MHz]	
	pfd		S9(3).9(2)	x			pfd value in dB(W/m ²)	
	bdwidth		9(8)	x			bandwidth (in kHz) over which pfd was calculated	
	ra_stn_type		X	x			type of radio astronomy station: S - single-dish, V - VLBI	
carrier_fr							carrier frequency of the emissions	
	<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
	freq_carr	C.7.b	9(6).9(6)	x			carrier frequency in MHz	
cmr_grp_lnk							To link 'cmr_syst' to 'grp'	
	<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
cmr_notice				x			Table linking Res552 submission and ITU spacecraft Id.	
	<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
	reg_st		X	x			code indicating regulatory status (F = First bringing into use, S = Suspended, R= Resumed)	

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
	d_reg_st		9(8)	x			Date of first bringing into use / suspending / resuming	
	rsn_susp		X(255)	x			reason for suspension	
cmr_syst							Table to identify commercial satellite system submitted under RES49	
	<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
	ntwk_name		X(20)	x		x	commercial name of the satellite	
	lsp_name		X(20)	x		x	name of the launch service provider	
	vehicle		X(20)	x		x	name of the launch vehicle	
	d_exe		9(8)	x		x	date of execution of the launch contract	
	d_deliv_fr		9(8)	x		x	starting limit of the anticipated launch or in-orbit "delivery window"	
	d_deliv_to		9(8)	x		x	end limit of the anticipated launch or in-orbit "delivery window"	
	facility		X(20)	x		x	name of the launch facility	
	mfct_name		X(20)	x		x	name of the manufacturer	
	nbr_sat		9(9)	x		x	number of satellites procured	
	d_exe_m		9(8)	x		x	date of execution of the contract	
	d_deliv_fr_m		9(8)	x		x	starting limit of the contractual "delivery window"	
	d_deliv_to_m		9(8)	x		x	end limit of the contractual "delivery window"	
coord_agre_e_ntw		A5/A6		x			Network-level coordination agreements	
	<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;
	adm	A.5.a.1/A.6.a	X(3)	x			country symbol of the notifying administration	
	ntwk_org	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 BR IFIC (Space Services))	
	<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;
	long_nom		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	
diag_grp							Diagrams attached to the group (for NGSO only)	
	<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
	diag_no		9(2)	x		x	number of the diagram in GIMS	
	attch_no		9(2)	x		x	number of the attachment	
e_ant							Earth station antenna	
	<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
	<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	

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
	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/B.6.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/B.6.b	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_crnd	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
e_ant_elev							Earth antenna elevation	
	ntc_id		9(9)		x	x	unique identifier of the notice	PK, FK; see NOTE 1
	azm	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
e_as_stn							Associated earth station	
	grp_id		9(9)	x		x	unique identifier of the group	PK, FK; see NOTE 1
	seq_no		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	
	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	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]	
	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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
e_srvcls							Nature of service and class of station for an associated earth station	
	<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	
e_stn		A.7					Earth station	
	<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
	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
emiss							Emission	
	<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.a.1/C.8.b.1 /C.8.b.3.a	n:S9(2).9(1)) p:S9(2).9(2))	x	x	30/30A	the maximum/total/mean peak envelope power [dBW]	
	pwr_ds_max	C.8.a.2/C.8.b.2 /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 μ s	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)	
	attach_pep	C.8.c.2	9(2)	x	x		the attachment number providing the reason for absence of the minimum peak power	
	attach_mpd	C.8.c.4	9(2)	x	x		the attachment number providing the reason for absence of the minimum power density	
	attach_c2n	C.8.e.2	9(2)	x	x		the attachment number providing the reason for absence of the carrier-to-noise ratio	
	pwr_ds_nbc		S9(3).9(2)			30B	power density [dBW/Hz] averaged over the necessary bandwidth of a narrow bandwidth carrier	

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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
ex_op_grp							Exclusive operation group	
	grp_id	BR	9(9)			x	unique identifier of the group	
	beamgrp_id	C.15.a	X(6)			x	beam group code	
geo							Geostationary space station	
	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 ² · 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	
gpub		A.13					Publication information for a group of assigned frequencies	
	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)	
	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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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)
grp							Common data for a group of assigned frequencies	
	grp_id		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/C.5.c	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/A.2.c	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 13A of the Preface to BR IFIC (Space Services) (13A1)	BR data
	fdg_plan		X(2)				findings: conformity with a Plan or a Coordination Procedure; Table 13A of the Preface to BR IFIC (Space Services) (13A2)	BR data
	fdg_tex		X(2)				findings: results from technical examination; Table 13A of the Preface to BR IFIC (Space Services) (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
	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)

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	adm_resp	A.3.b	X(2)	x	x	x	symbol identifying the responsible administration, Table 12A/12B of the Preface to BR IFIC (Space Services)	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 12A/12B of the Preface to BR IFIC (Space Services)	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 13B of the Preface to BR IFIC (Space Services) (13B2)	BR data
	spl_grp_id		9(9)				Split group id	BR data
	comment		X(30)				comments	BR internal use

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	C.2.c	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 in the first notice for recording of the assignment	
	f_diff_reg_limit		X	x			indicator to show that a group contain assignment(s) with different regulatory limit	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 of the corresponding group (with EC/TC class of station) in Part II-S (to be used in the Bureau's examination under resolves 1.1.5 of Resolution 169 (WRC-19))	BR internal data
	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

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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
	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
grp_lnk							Group link	
	<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.	
grp_res35							Information for a group of assigned frequencies under Resolution 35	
	<i>grp_id</i>	BR	9(9)				unique identifier of the group	PK; FK
	<i>ms_step</i>		X(2)	x			RES 35 milestone indicator	BR internal data
	<i>f_ms_met</i>		X	x			RES 35 milestone criteria indicator	BR internal data
	<i>d_ms_next_dead_line</i>		9(8)	x			Deadline of the next RES35 milestone	BR internal data
hor_elev							Horizon elevation diagram	see NOTE 2
	<i>ntc_id</i>		9(9)		x		unique identifier of the notice	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>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
	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
mask_info							Mask information	
	<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	
mask_lnk1							Link between mask, group and satellite of a non-geostationary system	
	<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
mask_lnk2							Link between mask, associated earth station and satellite of a non-geostationary system	
	<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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	mask_id	A.14.a.1 / A.14.b.1 / A.14.c.1	9(9)	x			unique identifier of the mask	FK
mask_lnk3							System operating parameters identification for Rec. S.1503-3	
	<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
mod_char							General characteristics of the emission	
	<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	
	attch_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	
	attch_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	
ngma							Link-noise/transmission gain for one or more straps	
	<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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	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
non_geo							Non-geostationary space station	
	ntc_id		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	Table 8 of the Preface
	nbr_sat_nh	A.4.b.3.a	9(4)	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(4)	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 ² 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
	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 ² · MHz))	BR data
	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	examset_type	A.4.b.6bis	X	x			indicator showing whether the set of operating parameters is limited set [L] or extended set [E]	
	attnch_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)	
notice							General information for the notice	
	<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 BR IFIC (Space Services))	
	ntf_occurs		X	x	x	x	code indicating if the notice was intended for first [F] submission or for satellite in non-planned bands, one of the following types of resubmission: [S] Resubmission of a Satellite Network with no coordination status update [A] Resubmission of a Satellite Network with coordination status update with affected administrations only [M] Resubmission of a Satellite Network (GSO only) with coordination status update with affected administrations and List of affected satellite networks [L] Resubmission of a Satellite Network (GSO only) with indication of the List of coordination status of affected satellite networks only or [R] for all other types of resubmission (e.g. earth stations, cases not covered by above). 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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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
	d_wic		9(8)				the date of most recent publication of the notice in the WIC/IFIC	BR data (date in yyyyymmdd 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 yyyyymmdd 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 yyyyymmdd 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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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
	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
ntc_commit							Commitments	
	<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
ntc_memo							Comments / Remarks (Resolution 49 and API only)	
	<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	
orbit							Orbital plane of a non-geostationary satellite	
	<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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	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 ⁰ , 1 for 10 ¹ , 2 for 10 ² , 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 ⁰ , 1 for 10 ¹ , 2 for 10 ² , 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 ⁰ , 1 for 10 ¹ , 2 for 10 ² , 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)	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	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_inuse	BR	X	x			Identification of the orbital plane number under Nos 11.44C,D	
	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
orbit_lnk							table to link a non-geostationary space station antenna with the orbital plane	
	<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	
ovrl_epm							Overall equivalent protection margin – Appendix 30/30A Region 2	
	<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
	oepm		S9(3).9(3)			30/30A	overall equivalent protection margin in dB	
phase							Initial phase angle of a non-geostationary satellite in an orbital plane	
	<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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	<i>orb_sat_id</i>		9(4)	x			satellite sequence number in the orbital plane	PK
	<i>phase_ang</i>	A.4.b.4.h	9(3).9(2)	x			initial phase angle of the satellite in the orbital plane	if 9.11A applies
	<i>d_ref</i>	A.4.b.4.k	9(8)	x			the date (yyyymmdd) at which the satellite is at the location defined by the longitude of the ascending node	
	<i>t_ref</i>	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	
	<i>f_cmp_rec</i>		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
pl_strap							Connection between uplink and downlink beams/frequencies (plans) 30/30A for Region 2 and for Plan 30B	
	<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
	<i>pbeam_name</i>		X(8)			X	designation of the satellite antenna beam (plan)	
	<i>multibeam_set</i>		9(4)			X	Multibeam code	
	<i>exop_set</i>		9(4)			X	Exclusive operation code	
	<i>f_victim_op</i>		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.)	
	<i>agg_tolerance</i>		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)	
provn							coordination information	
	<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
	<i>coord_st</i>		X				code indicating the result of the coordination process	
	<i>adm</i>		X(3)	x	x		country symbol of the notifying administration	Table 1A of the Preface
	<i>ntwk_org</i>		X(3)	x	x		symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to BR IFIC (Space Services))	
	<i>ctry</i>		X(3)				country or geographical area	
	<i>f_no_comment</i>		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
pwr_ctrl							Power control information	
	<i>grp_id</i>		9(9)				unique identifier of the group	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>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
	<i>pwr_ctrl</i>	C.8.i	9(4).9			30A	power control	
res35_deployment							RES 35 deployment summary	
	<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>freq_notif_id</i>	BR	9(4)				unique identifier of the frequency band	
	<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).9(2)				Column replaced by "nbr_sat_min", please see the document describing the RES35 database on BRIFIC	
res35_freq							RES 35 space station frequency characteristics	
	<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	
res35_launch							RES 35 launch information	
	<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	
res35_notice							RES 35 satellite system information	
	<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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	ntwk_org	RES35.A1.A3	X(3)				symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to BR IFIC (Space Services))	
	sat_name	RES35.A1.A1	X(30)				name of the satellite system	
	d_rcv	BR	9(8)				date of receipt of the notice	BR data (date in yyyyymmdd format)
	ms_step		X(2)				RES 35 milestone indicator	
	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	
res35_ntc_lnk							RES 35 Notice link	
	<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
res35_sp_stn							RES 35 space station characteristics	
	<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
res49_sel							Resolution 49 download table	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	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
s_as_stn							Space associated station	
	grp_id		9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	sat_name	C.10.a.1	X(30)	x			name of the associated space station	PK
	beam_name		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
s_beam							satellite antenna beam	
	ntc_id		9(9)	x		x	unique identifier of the notice	PK, FK; see NOTE 1
	emi_rcp	B.2	X	x		x	code identifying a beam as either transmitting [E] or receiving [R]	PK
	beam_name	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	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
	attach_elev	B.4.b.2	9(2)	x			number of the attachment for the gain versus elevation angle diagram	if 9.11A applies
	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 limit will be met by applying the method in Annex 1 of ROP 21.16 Y – Yes N – Yes but with another method described in an attachment X – No	
	f_all_orbit		X	x			code indicating that the beam operates with all satellites in all orbital planes	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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
	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
sat_lnk							Table to link a non-geostationary space station antenna with the satellite	
	<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
	<i>orb_sat_id</i>	B.4.a.2	9(4)	x			satellite sequence number in the non-geostationary orbital plane	PK, FK
sat_oper							Non-geostationary satellites with overlapping frequencies	
	<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	
scraft_cmr_freq							frequency band(s) present on board the spacecraft	
	<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		k:9(5).9(3) m:9(5).9(6) g:9(4).9(9)	x			start frequency in a range	
	freq_max		k:9(5).9(3) m:9(5).9(6) g:9(4).9(9)	x			end frequency in a range	
	freq_sym		X	x			frequency symbol	
scraft_cmr_sys							table to identify spacecraft under Res. 552	
	<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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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(9)	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	
srv_area							Service area	
	<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
	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
srv_cls							Nature of service and class of station for the group of frequency assignments	
	<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
strap		D.1					Connection between uplink and downlink beams/frequencies	
	<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	k:9(5).9(3) m:9(5).9(6) g:9(4).9(9)	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	k:9(5).9(3) m:9(5).9(6) g:9(4).9(9)	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

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BR Data

Table Name	Data Item	Format	Description	Comment
all_aff_ntw			Table of affected/affecting networks at group level	
	<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 ΔT/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 BR IFIC (Space Services))	
	<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	
ap30b_ref_agg			Ref. aggregate C/I values	
	<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	
ap30b_ref_se			Ref. Single Entry C/I values	
	<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)	
ap30b_tr_res			AP30B Annex 4 findings at the notice level	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	
	<i>agg_degr_max</i>	9(3).9(3)	maximum aggregate C/I degradation	

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Table Name	Data Item	Format	Description	Comment
	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	
beam_tr			Beam information	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	
fdg_ref			Finding reference	
	<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)	
grp_aff_rec			Table to link incoming group and affected/affecting network	
	<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
link_epm			Equivalent protection margin (link) – Appendix 30/30A Regions 1 and 3	
	<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	
ntc_lnk			Notice link	
	<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	
ntc_lnk_ref			Notice link reference	
	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	
plan_pub			Publication information for plan notices	
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK; see NOTE 1

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

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Table Name	Data Item	Format	Description	Comment
	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
tr_provn			Coordination information for the transaction	
	<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 BR IFIC (Space Services))	
	ctry	X(3)	symbol indicating geographical area	

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Reference Tables

Table Name	Data Item	Format	Description	Comment
ant_type			Antenna type information	
	<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
alloc_id			Identifier allocation	BR internal use
	<i>ntc_year</i>	9(2)	year of submission of the notice	PK
	grp_id last	9(9)	Last allocated grp_id	
cmr_history			Spacecraft history table	
	<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
	reg_st	X	code indicating regulatory status (F = First bringing into use, S = Suspended, R= Resumed)	
	d_reg_st	9(8)	Date of first bringing into use / suspending / resuming	
	rsn_susp	X(255)	reason for suspension	
	wic_no	9(4)	the number of the WIC/IFIC in which the notice was most recently published	BR data
com_el			Common elements	BR internal use
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK see NOTE 1
	prov	X(12)	provision of the RR according to which the notice is submitted	
	plan_id	X(4)	identifier of the plan	FK
	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 BR IFIC (Space Services))	
	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
	act_code	X	code indicating action to be taken on the entity	see NOTE 3
	ntf_rsn	X	notification reason - see "notice" table	derived data
	st_cur	X(2)	processing status of the notice	BR internal use
	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
	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]	
	adm_ref_id	X(20)	reference identifier of the notice given by the notifying administration	
	tgt_ntc_id	9(9)	identifier of the notice to be modified or suppressed	
	stn_name	X(30)	name of the earth station	
	long_dec	S9(3).9(4)	longitude coordinate of the earth station in degrees	derived data
	lat_dec	S9(2).9(4)	latitude coordinate of the earth station in degrees	derived data
	ctry	X(3)	symbol of the country or geographical area in which the station is located	
	prov_desc	X(20)	additional information to specify the exact provision	
freq			Frequency	BR internal use
	ntc_id	9(9)	unique identifier of the notice	FK see NOTE 1
	emi_rcp	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
	<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
	freq_sym	X	symbol indicating kilohertz [K], megahertz [M] or gigahertz [G]	
	freq_assgn	k:9(5).9(3) m:9(5).9(6) g:9(4).9(9)	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 13A of the Preface to BR IFIC (Space Services) (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]	
history			Transaction history data	BR internal use
	<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
	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	
srs_oak			Database system information	BR internal use
	<i>version_no</i>	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 BR⁵. 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.

⁵ 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)⁴. 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**, **srvcls**, **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 shall be provided as attachments to the submission in the e-Submission web application.

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

Ref. to Ap4	Table Name	Column	Description
B5c	e_ant	attach_e	earth station antenna radiation diagram (when they are provided in the form of equations)
A7a	e_stn	attach_hor	horizon elevation diagram
A10	e_ant	attach_crdn	earth station coordination area diagram
BR92	s_beam	attach_alpha_beta	explanation when angle alpha or angle beta cannot be provided
B3b1	s_beam	attach_pfd_steer	Method required in ROP 21.16
B4b2b	s_beam	attach_elev	Number of the attachment for the gain versus elevation angle diagram
C8c2	emiss	attach_pep	Reason for absence of the minimum peak power
C8c4	emiss	attach_mpd	Reason for absence of the minimum power density
C8e2	emiss	attach_c2n	Reason for absence of the carrier-to-noise ratio
BR103	non_geo	attach_qv	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)
C9a8	mod_char	attach_mod	Indicating for all other types of modulation, such particulars as may be useful for an interference study
C9a5a	mod_char	attach_sig	Nature of modulating signal for an amplitude modulated carrier
A14a,b,c	mask_	all fields	Spectrum mask data as tables mask_eirp, mask_pfd and mask_info
C9c1	diag_grp	attach_no	Type of multiple access
C9c2	diag_grp	attach_no	Spectrum mask
C11b	diag_grp	attach_no	Information required to calculate the affected region

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 notified⁶ 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 notified⁶ satellite network / earth station;

S if the intention of this notification is to suppress a previously notified⁶ 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:

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

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;

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.

NOTE 4: Earth Station Antenna Pattern

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:

$$\begin{array}{ll} G = G_{MAX} & \text{PHI} < 1^\circ \\ G = COEFA - COEFB * \text{LOG}(\text{PHI}) & 1^\circ \leq \text{PHI} \leq \text{PHI1} \\ G = \text{MAX}(\text{MIN}(G(\text{PHI1}), COEFC - COEFD * \text{LOG}(\text{PHI})), -10) & \text{PHI} > \text{PHI1} \end{array}$$

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

Example 1

$$\begin{array}{ll} G = 29 - 25 \log \varphi & 1^\circ \leq \varphi \leq 20^\circ \\ G = 32 - 25 \log \varphi & 20^\circ < \varphi \leq 48^\circ \\ G = -10 & \varphi > 48^\circ \\ \text{i.e. PHI1} = 20 \end{array}$$

Example 2

$$\begin{array}{ll} G = 29 - 25 \log \varphi & 1^\circ \leq \varphi \leq 6.9^\circ \\ G = 8 & 6.9^\circ < \varphi \leq 9.1^\circ \\ G = 32 - 25 \log \varphi & 9.1^\circ < \varphi \leq 48^\circ \\ G = -10 & \varphi > 48^\circ \\ \text{i.e. PHI1} = 6.9 \end{array}$$

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 time limit for bringing into use. Required only if extended beyond the regulatory limit date due to RRB or WRCs decisions
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).
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)

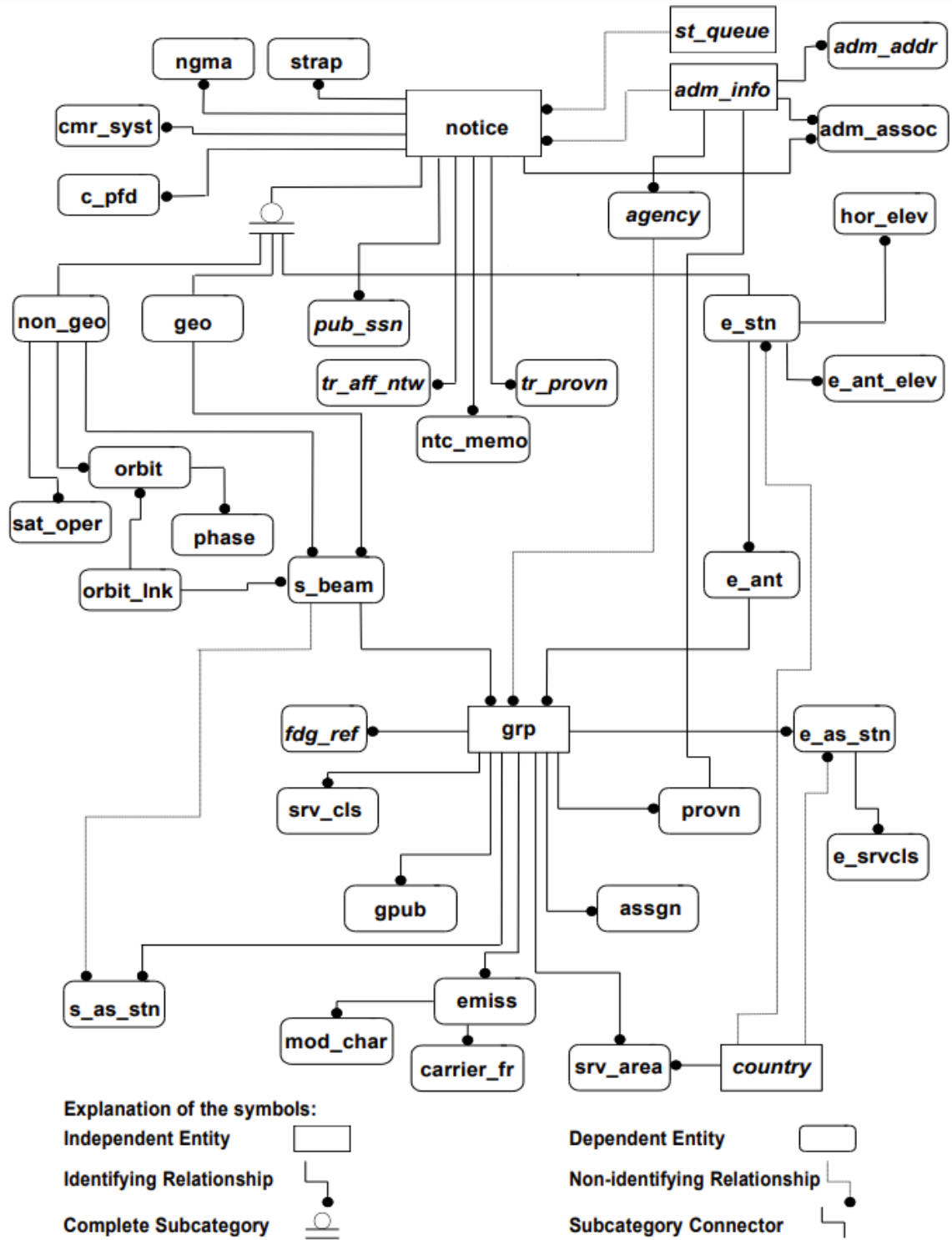
9.7-FO: Frequency overlap with inter-satellite links of a geostationary space station communicating with non-geostationary space station, as referred to in RR No. 5.328B.

NOTE 7: Codes used in ntc_commit.commit_type

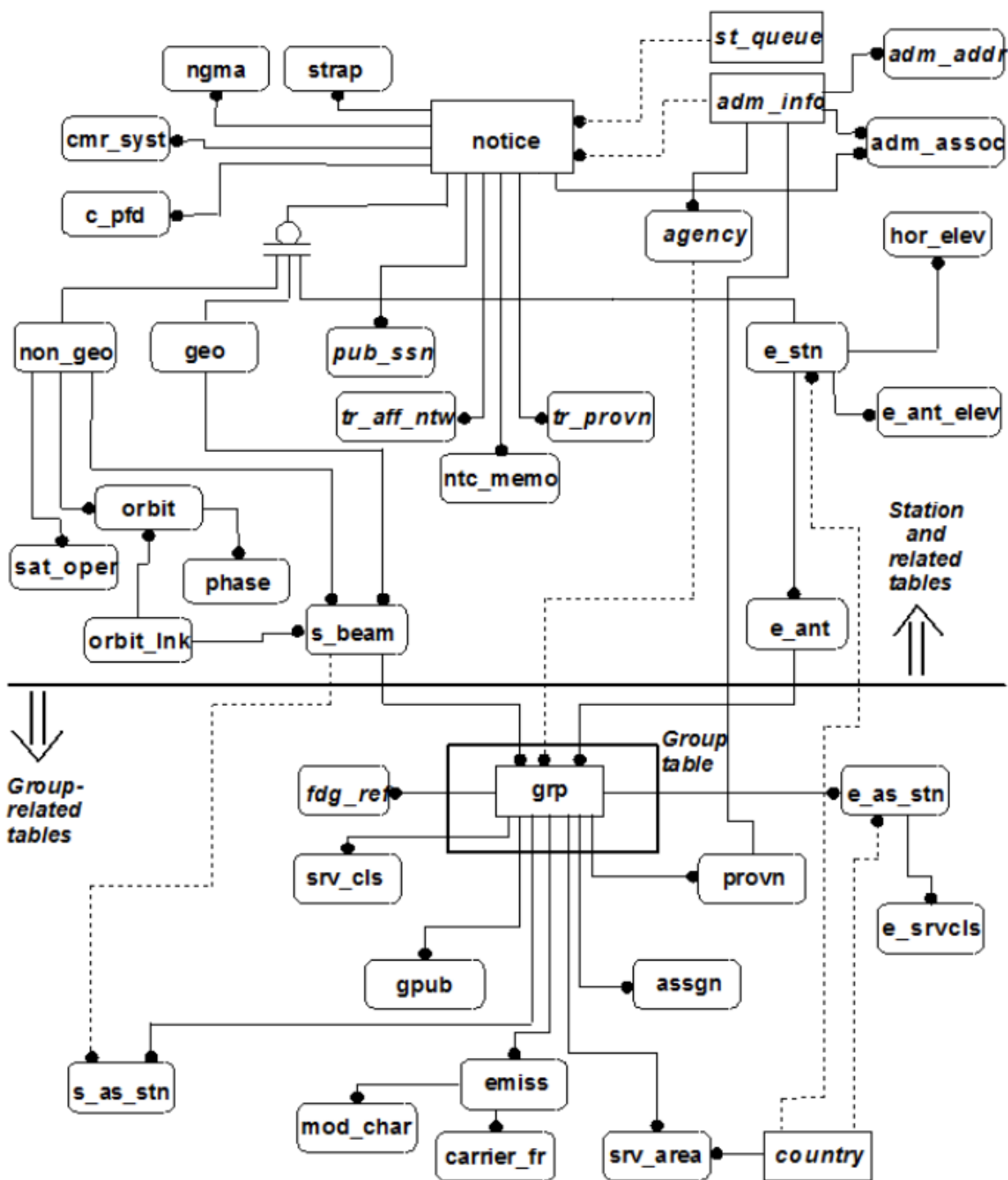
In the table ntc_commit, the commit_type data item is used to indicate the type of regulatory commitment provided by the administration in relation to the current notice.

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:

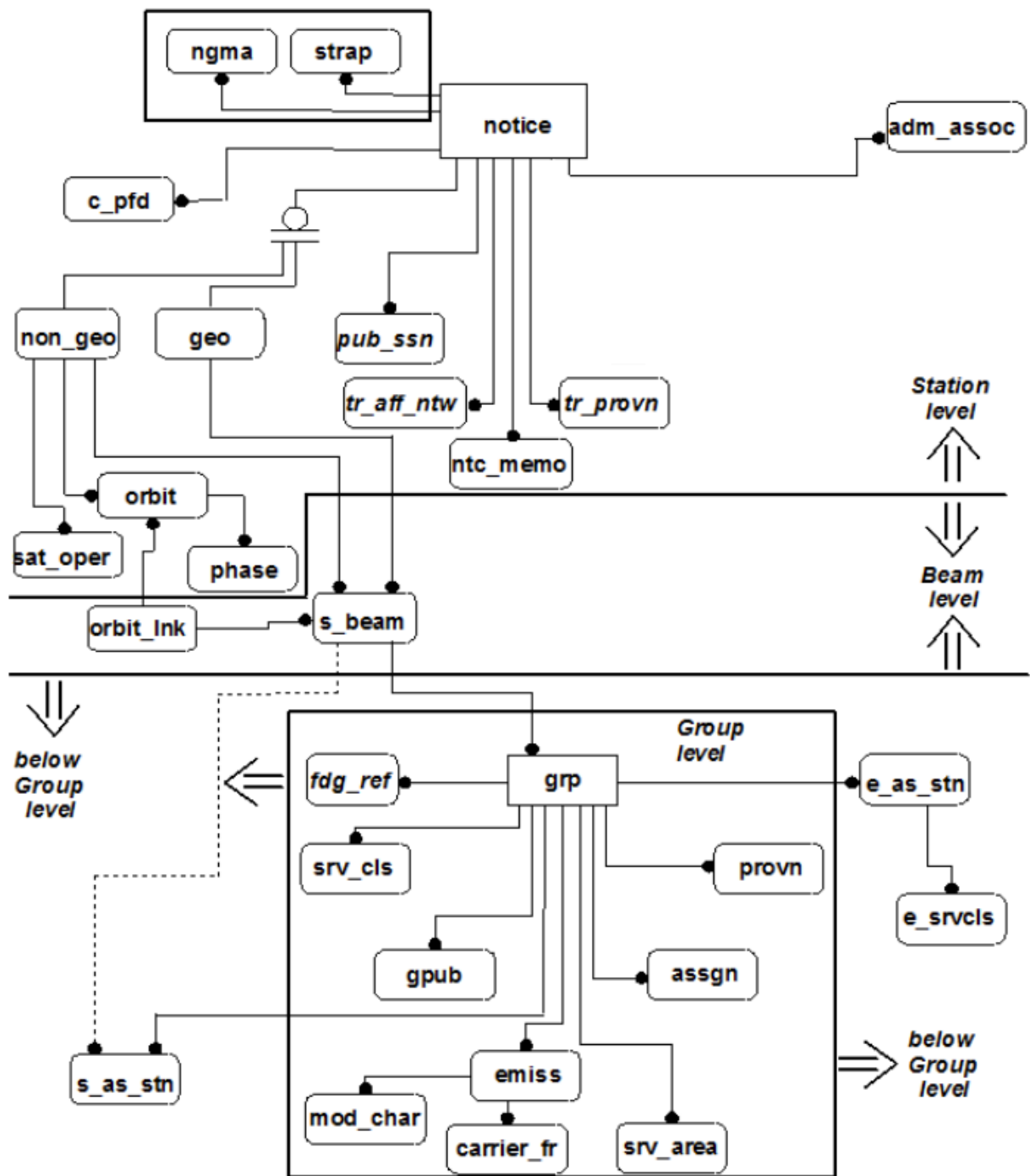
Code	RR Reference	Description
EFFORT_11-41-2	11.41.2	An indication to the Bureau that efforts have been made to effect coordination with those administrations whose assignments were the basis of the unfavourable findings under No. 11.38, without success, in accordance with No.11.41.2.
ESIM_169-1	AP4, 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 3 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



Annex 2: Entity relationship diagram showing sets



Explanation of the symbols:

Independent Entity

Dependent Entity

Identifying Relationship

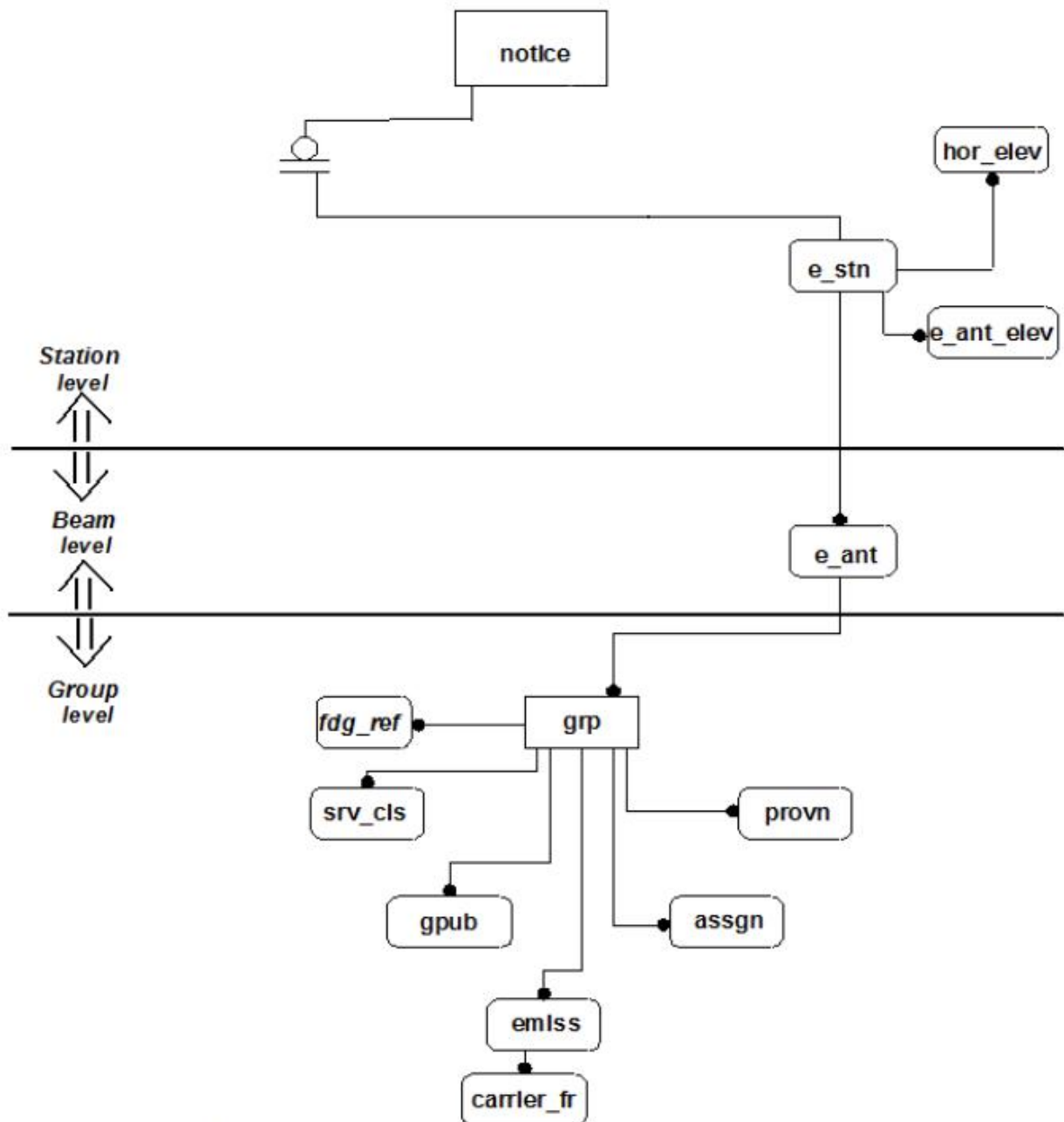
Non-identifying Relationship

Complete Subcategory

Subcategory Connector

Entity name in italics indicates reference / BR data

Annex 3: Appendix 4/II - Tables and levels



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 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:	[FormatInfo]			
Purpose:	This section contains global information about the format version used in the file. There must be one and only one [FormatInfo] section in the file.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
format_ver	int	2	Yes	The version number of the format used in the file. Two values are accepted: 1 is for the original format used for geostationary satellites data 2 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).**

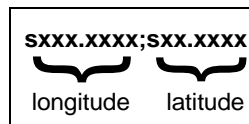
4.1 General

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.

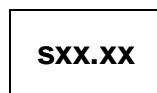
The adopted representation for the geographical coordinates is **longitude; latitude, in degrees**, as signed real numbers in decimal notation, with 3 significant digits to the left of the decimal point for longitude, 2 significant digits to the left of the decimal point for latitude and 4 significant 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:	[GeoMain]			
Purpose:	This section contains global information about the file. There must be one and only one [GeoMain] section in the file.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
ntc_id	int	9	No	The unique identifier of the notice.
adm	char	3	Yes	The notifying administration 3-character code, according to Table No.1A in the Preface.
ntwk_org	char	3	No	The symbol of the responsible organization operating regional or international satellite networks, (see Table No 2 in the Preface).
sat_name	char	30	Yes	The name of the satellite network to which the file is related.
long_nom	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 sxxx.xx , where s is the sign character.
n_diag	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. The maximum allowed value for this parameter is 99.

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:	[COHeader]			
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
beam_id	char	8	Yes	The designation of the satellite antenna beam.
emi_rcp	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values: E , for emission (down-link) R , for reception (up-link)
polar_disc	char	1	Yes	The polarization discriminator. This parameter must have one of the following values: C , for co-polarization X , for cross-polarization
reason	char	1	Yes	The reason for notification. This parameter must have one of the following values: A , for advance publication (Art. 9.1) C , for request for coordination (Art. 9.6) N , for request for notification (Art. 11.2, 11.12, Article 8 of AP30B, Article 5 of AP30/30A) B , for request under Articles 2A and 4 of AP30/30A P , for request under Articles 6 and 7 of AP30B.

n_bore	int	2	Yes	The number of boresights related to the specified beam. The maximum allowed value for this parameter is 99.
n_cont	int	2	Yes	The number of contours forming the diagram. The maximum allowed value for this parameter is 99.

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:	[Bi]			
Purpose:	This section describes the i^{th} boresight ($1 \leq i \leq n_bore$).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
gain	real	6	No	The relative gain level in dB at the i^{th} boresight. The used format is sxx.xx , where s is the sign character. If this entry is omitted, the relative gain value at the boresight is considered to be 0dB.
p	geo coord	18	Yes	The geographical coordinates in degrees (longitude; latitude) of the i^{th} boresight. The format for this entry is sxxx.xxxx; sxx.xxxx , 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 th contour ($1 \leq i \leq n_cont$).			
Entries				
Key	Type	Maximum Length	Mandatory	Meaning and Format
gain	real	6	Yes	The relative gain level in dB associated with this contour. The used format is sxx.xx , where s is the sign character.
n_point	int	4	Yes	The number of points forming the contour.
pn	geo coord	18	Yes	The geographical coordinates in degrees (longitude; latitude) of the n-th point. The format for this entry is sxxx.xxxx;sxx.xxxx , 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_P is the total number of points

N_C is the total number of contours

N_B 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:	[SAHeader]			
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
beam_id	char	8	Yes	The designation of the satellite antenna beam.
emi_rcp	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values: E , for emission (down-link) R , for reception (up-link)
reason	char	1	Yes	The reason for notification. This parameter must have one of the following values: A , for advance publication (Art. 9.1) C , for request for coordination (Art. 9.6) N , for request for notification (Art. 11.2, 11.12, Article 8 of AP30B, Article 5 of AP30/30A) B , for request under Articles 2A and 4 of AP30/30A P , for request under Articles 6 and 7 of AP30B.
srv_area	char	30	Yes	The service area name.

area_no	int	2	Yes	<p>The service area number.</p> <p>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.).</p> <p>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.</p> <p>The maximum allowed value for this parameter is 99.</p>
n_rgn	int	2	Yes	<p>The number of service regions forming the service area.</p> <p>The maximum allowed value for this parameter is 500.</p>
n_exrgn	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>The maximum allowed value for this parameter is 100.</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:	[SR<i>i</i>]			
Purpose:	This section describes the i^{th} service region ($1 \leq i \leq n_{\text{rgn}}$).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
rgn_name	char	20	Yes	The name of the service region.
discrete	char	1	No	This is a flag indicating whether the service region is discrete or not. It must have one of the following values: Y , the service region is discrete N , the service region is not discrete. If this entry is omitted, the service region is considered to be continuous (not discrete)
n_point	int	4	No (see below)	The number of points forming the service region outline.
pn	geo coord	18	No (see below)	The geographical coordinates in degrees (longitude; latitude) of the n^{th} point. The format for this entry is sxxx.xxxx; sxx.xxxx , 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:

35000

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:	[SREXi]			
Purpose:	This section describes the i^{th} excluded service region ($1 \leq i \leq n_exrgn$).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
rgn_name	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).

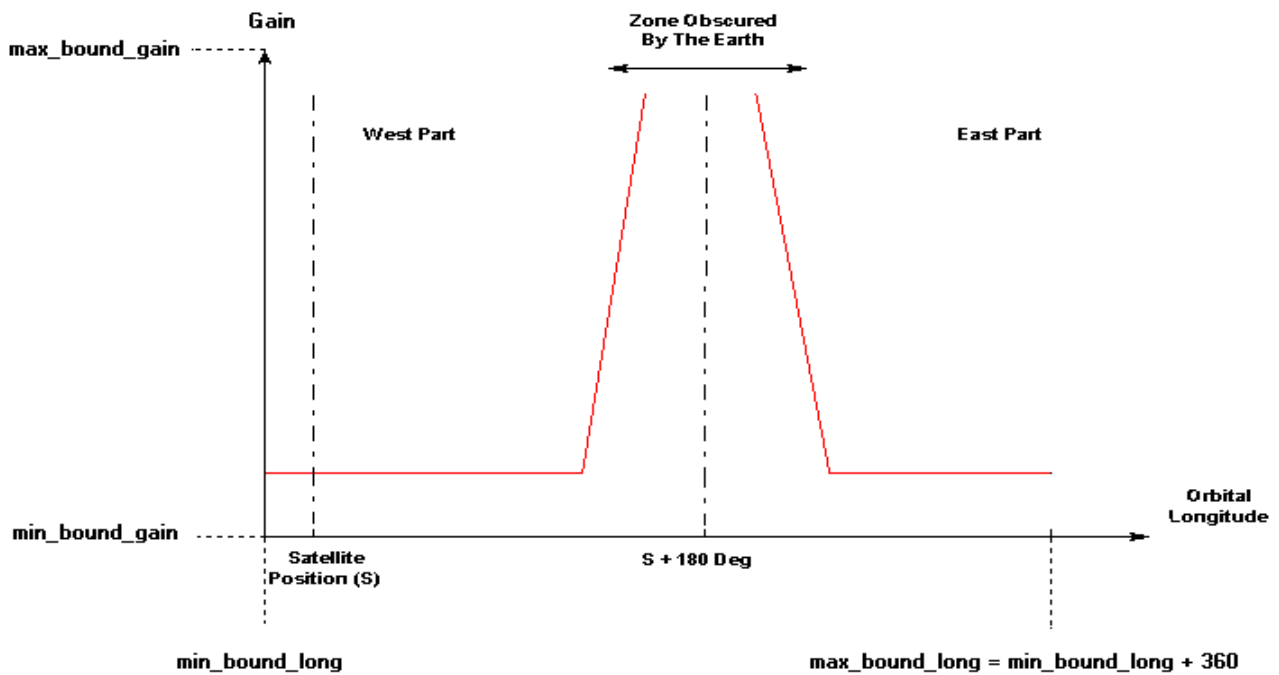


Figure 5

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:	[GSOHeader]			
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>
beam_id	char	4	Yes	The designation of the satellite antenna beam.
emi_rcp	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values: E , for emission (down-link) R , for reception (up-link)
polar_disc	char	1	Yes	The polarization discriminator. This parameter must have one of the following values: C , for co-polarization X , for cross-polarization

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

4.6 Description of a Space Station Antenna Pattern Diagram

A space station antenna pattern diagram shows the gain of the antenna as a function of the off-axis angle. Therefore, this diagram is stored as a series of points indicating the off-axis angle and the corresponding gain value.

4.6.1 The [SSHeader] section

Section Name:	[SSHeader]			
Purpose:	The description of any space station pattern diagram in the file always starts with a mandatory [SSHeader] 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.			
Entries:				
<u>Key</u>	<u>Type</u>	<u>Maximum Length</u>	<u>Mandatory</u>	<u>Meaning and Format</u>
beam_id	char	8	Yes	The designation of the satellite antenna beam.
emi_rcp	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values: E , for emission (down-link) R , for reception (up-link)
polar_disc	char	1	Yes	The polarization discriminator. This parameter must have one of the following values: C , for co-polarization X , for cross-polarization
reason	char	1	Yes	The reason for notification. This parameter must have one of the following values: C , for request for coordination (Art. 9.6) N , for request for notification (Art. 11.2, 11.12, Article 8 of AP30B, Article 5 of AP30/30A)

4.6.2 The [SSDiag] section

Section Name:	[SSDiag]			
Purpose:	This section contains the data describing the space station pattern diagram, as a series of (off-axis;gain) points. In addition, this section contains the boundaries of the diagram. The layout of this section is described below.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
min_bound_gain	real		Yes	The minimum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
max_bound_gain	real		Yes	The maximum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
min_bound_long	real		Yes	The minimum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
max_bound_long	real		Yes	The maximum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
n_point	int	5	Yes	The number of points forming the diagram. The maximum value allowed for this field is 65'535.
pn	coord		Yes	The coordinates (off-axis angle; gain) of the n-th point in the diagram. The off-axis angle is expressed in degrees, and the gain is expressed in dB. Both values should be double precision floating point values with up to 17 significant digits. There must be an entry of this type for each point. The index n takes integer values in the range $1 \leq n \leq n_point$.

4.7 Description of an Earth Station Antenna Pattern Diagram

An earth station antenna pattern diagram shows the gain of the antenna as a function of the off-axis angle. Therefore, this diagram is stored as a series of points indicating the off-axis angle and the corresponding gain value.

4.7.1 The [ESHeader] section

Section Name:	[ESHeader]			
Purpose:	The description of any earth station pattern diagram in the file always starts with a mandatory [ESHeader] 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.			
Entries:				
<u>Key</u>	<u>Type</u>	<u>Maximum Length</u>	<u>Mandatory</u>	<u>Meaning and Format</u>
beam_id	char	8	Yes	The designation of the satellite antenna beam.
emi_rcp	char	1	Yes	The emission/reception flag at the space station. This parameter must have one of the following values: E , for emission (down-link) R , for reception (up-link)
polar_disc	char	1	Yes	The polarization discriminator. This parameter must have one of the following values: C , for co-polarization X , for cross-polarization
reason	char	1	Yes	The reason for notification. This parameter must have one of the following values: C , for request for coordination (Art. 9.6) N , for request for notification (Art. 11.2, 11.12, Article 8 of AP30B, Article 5 of AP30/30A)
diag_no	int	2	Yes	The diagram number. In the SRS database, the field “number of the co-polar antenna radiation pattern diagram in GIMS” or “number of the cross-polar antenna radiation pattern diagram in GIMS” relating to the earth associated station for the group of frequencies operating in the beam in question must contain the corresponding diagram number as contained in this file. The maximum allowed value for this parameter is 99.

4.7.2 The [ESDiag] section

Section Name:	[ESDiag]			
Purpose:	This section contains the data describing the earth station pattern diagram, as a series of (off-axis;gain) points. In addition, this section contains the boundaries of the diagram. The layout of this section is described below.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
min_bound_gain	real		Yes	The minimum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
max_bound_gain	real		Yes	The maximum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
min_bound_long	real		Yes	The minimum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
max_bound_long	real		Yes	The maximum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
n_point	int	5	Yes	The number of points forming the diagram. The maximum value allowed for this field is 65'535.
pn	coord		Yes	The coordinates (off-axis angle; gain) of the n-th point in the diagram. The off-axis angle is expressed in degrees, and the gain is expressed in dB. Both values should be double precision floating point values with up to 17 significant digits. There must be an entry of this type for each point. The index n takes integer values in the range $1 \leq n \leq n_point$.

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:	[NGeoMain]			
Purpose:	This section contains global information about the file, as well as some global parameters used along the file. There must be one and only one [NGeoMain] section in the file.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
ntc_id	int	9	No	The unique identifier of the notice.
adm	char	3	Yes	The notifying administration 3 characters code, according to Table No.1A in the Preface.
ntwk_org	char	3	No	The symbol of the responsible organization operating regional or international satellite networks, (see Table No. 2 in the Preface).
sat_name	char	30	Yes	The name of the satellite network to which the file is related.
n_diag	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. The maximum allowed value for this parameter is 99.

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 or antenna pattern).

5.3.1 The [NGeoHeader] section

Section Name:	[NGeoHeader]			
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
beam_id	char	8	No	The designation of the satellite antenna beam.
emi_rcp	char	1	No	The emission/reception flag at the space station. This parameter must have one of the following values: E , for emission (down-link) R , for reception (up-link)
reason	char	1	Yes	The reason for notification. This parameter must have one of the following values: A , for advance publication (Art. 9.1) C , for request for coordination (Art. 9.6) N , for request for notification (Art. 11.2, 11.12)

diag_type	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																										
diag_no	int	2	Yes	<p>The number of the diagram.</p> <p>This field is not used for diagrams with type AGEA and SSPAT as these diagrams are directly linked to a beam. Therefore, the diag_no value should be set to 0.</p> <p>For the other diagrams, which are attached to a group in the SNS database structure, the value of diag_no must match the corresponding diagram number field in the SNS database.</p> <p>The maximum allowed value for this field is 99.</p>																								
seq_no	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:	[NGeoDiag]			
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:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
title	char	100	Yes	The diagram title (in English).

subtitle	char	100	No	The diagram subtitle giving additional information about the diagram (in English).
legend_x	char	50	No	If applicable for the diagram type, the legend of the X axis (in English).
legend_y	char	50	No	If applicable for the diagram type, the legend of the Y axis (in English).
pict_type	char	3	Yes	The format of the image used for the diagram image. The following image formats and associated codes are supported: JPG : JPEG format BMP : Bitmap format GIF : Graphics Interchange Format PNG : Portable Network Graphics TIF : Tagged Image File Format (TIFF).
pict_bytes	char		Yes	The picture bytes encoded with a base64 encoding schema as described in RFC 2045 (http://www.ietf.org/rfc/rfc2045.txt). 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).
pict_size	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
AAAARgAAACgBAwABAAAAAAwAAADEBAgARAAAATgAAAAAAAABezQEA6AMAAF7NAQDoAwAAUGFpbnQu
TkVUIHYzLjUuNQD//9sAQwAGBAUGBQGBgUGBwcGCAoQCgoJCQoUDg8MEBcUGBgXFBYWGh0IHxob
IxwWFiAsICMmJyKqKRkflTAtKDAIKCko/9sAQwEHBwcKCAoTCgoTKBoWGigoKCgoKCgoKCgoKCgo
KCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgo/8AAEQgAHwAwAwEiAAIRAQMRAf/E
AB8AAAEFAQEBAQEBAAAAAAAAAAABAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAE
EQU SITFBbBNRYQcicRQyGZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZH
SEIKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqueoqaqys7S1
tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBA
AQEAAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAWQHBBQEAECdwABAQMRBAUhMQYSQVEHYXET
IjKBCBRCKaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSINUVVZXWFla
Y2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5uLDxMXG
x8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8AuPFyaieOtWZASflw
az9SE0dlcPaosk6xs0aNNdnjgHHvX0F9LnkJFN06iaKuL0L4miC+FtrWiRXCu4BIWd4jGDj6ggf7
ufevQ5IIYb4QfLPIBIJA+o6/WueGIjN2Np0ZQV2ZTxVEYgc5q/gOMgHHY+tRSJW109jO1jq3j5NQ
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 area 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:	[NGeoSADiag]			
Purpose:	This section contains the number of service regions forming the service area.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
n_rgn	char	2	Yes	The number of service regions forming the service area. The maximum allowed value for this parameter is 4 500.
n_exrgn	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. The maximum allowed value for this parameter is 300.

5.3.3.1 The [SR_i] 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 [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:	[SR _i]			
Purpose:	This section describes the i^{th} service region ($1 \leq i \leq n_rgn$).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
rgn_name	char	20	Yes	The name of the service region.
n_point	int	4	No (see below)	The number of points forming the service region outline.

pn	geo coord	18	No (see below)	The geographical coordinates in degrees (longitude; latitude) of the n th point. The format for this entry is sxxx.xxxx; sxx.xxxx , 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 $1 \leq n \leq n_point$.
-----------	-----------	----	-------------------	--

- 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.

5.3.3.2 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:	[SREXi]			
Purpose:	This section describes the i^{th} excluded service region ($1 \leq i \leq n_{\text{exrgn}}$).			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
rgn_name	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

```

5.3.4 The [NGeoSSPatternDiag] section

This section serves to define the antenna pattern of a non-geostationary satellite beam. A space station antenna pattern diagram shows the gain of the antenna as a function of the off-axis angle. Therefore, this diagram is stored as a series of points indicating the off-axis angle and the corresponding gain value.

Section Name:	[NGeoSSPatternDiag]			
Purpose:	This section contains the data describing the space station pattern diagram, as a series of (off-axis;gain) points. In addition, this section contains the boundaries of the diagram. The layout of this section is described below.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
min_bound_gain	real		Yes	The minimum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
max_bound_gain	real		Yes	The maximum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
min_bound_long	real		Yes	The minimum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
max_bound_long	real		Yes	The maximum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
n_point	int	5	Yes	The number of points forming the diagram. The maximum value allowed for this field is 65'535.
pn	coord		Yes	The coordinates (off-axis angle; gain) of the n-th point in the diagram. The off-axis angle is expressed in degrees, and the gain is expressed in dB. Both values should be double precision floating point values with up to 17 significant digits. There must be an entry of this type for each point. The index n takes integer values in the range $1 \leq n \leq n_point$.

5.3.5 The [NGeoESPatternDiag] section

This section serves to define the antenna pattern of an earth station associated to a non-geostationary satellite. An earth station antenna pattern diagram shows the gain of the antenna as a function of the off-axis angle. Therefore, this diagram is stored as a series of points indicating the off-axis angle and the corresponding gain value.

Section Name:	[NGeoESPatternDiag]			
Purpose:	This section contains the data describing the earth station pattern diagram, as a series of (off-axis;gain) points. In addition, this section contains the boundaries of the diagram. The layout of this section is described below.			
Entries:				
Key	Type	Maximum Length	Mandatory	Meaning and Format
min_bound_gain	real		Yes	The minimum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
max_bound_gain	real		Yes	The maximum gain value in dB, used in the diagram. This should be a double precision floating point value with up to 17 significant digits.
min_bound_long	real		Yes	The minimum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
max_bound_long	real		Yes	The maximum off-axis angle used in the diagram in degrees. This should be a double precision floating point value with up to 17 significant digits.
n_point	int	5	Yes	The number of points forming the diagram. The maximum value allowed for this field is 65'535.
pn	coord		Yes	The coordinates (off-axis angle; gain) of the n-th point in the diagram. The off-axis angle is expressed in degrees, and the gain is expressed in dB. Both values should be double precision floating point values with up to 17 significant digits. There must be an entry of this type for each point. The index n takes integer values in the range $1 \leq n \leq n_point$.

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

Code	Name of the administration (ITU Member State)
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	Republic of Türkiye
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

Code	Designation
PLW	Palau (Republic of)

List of States with a special status

Code	Designation
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	North Macedonia (Republic of)
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	Republic of Türkiye
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

Code	Region	Notifying Administration	Name of the geographical area
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, Republic of North 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

Code	Use to	Replaced by
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, EST, F, FIN, G, GRC, HNG, 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, GEO, HNG, IND, KAZ, KGZ, KRE, LAO, MNG, NCG, POL, ROU, RUS, SOM, 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

Symbol	Space Station Class of Station
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

Symbol	Nature of the service
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

Polarization	Symbol	Definition
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°
AUS	19	Cross, each arm 914.4 x 10 metres	10 000 square metres; meridian transit only; azimuth fixed at 0° ($\pm 0.5^{\circ}$); $+10^{\circ}$ to -80°
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°
AUS	22	Rectangular filled in array, 1.8 x 2.8 metres	5 square metres; meridian transit only; fixed declination at -34°
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° and 90°
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
BEL	6	A 6m diameter paraboloid on an equatorial mount	up 6 square metres, azimuth from 90 (East) to 270 degrees (West), elevation 0 to 80 degrees
BEL	7	A 3.4m diameter paraboloid on an equatorial mount	3 to 4 square metres, azimuth from 50 (East) to 310 degrees (West), elevation 0 to 80 degrees
BEL	8	8 cross-dipoles on a 20x20 m grid	up 90 square metres, azimuth from 0 (East) to 360 degrees (West), elevation 0 to 90 degrees
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

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and 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°
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

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	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
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°
E	5	Paraboloid reflector, Cassegrain reflecting system, 13.2 metres in diameter, with ring spotlight design and 1.55 m sub-reflector.	109 square meters of effective surface area, azimuth from 0° to 360°; the angle of elevation is between 0° 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°

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	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°
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 ² ; 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 diametre 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

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	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
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

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
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°
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

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
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°
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°

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
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 $+97.5^{\circ}$, 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 $3 \times 5 \text{ m}^2$ arranged in five concentric rings, with each panel composed of eight sub-panels.	Effective area $2\,000 \text{ m}^2$, elevation angle 0 to 90° and azimuth angle 0 to 360° .
MLT	1	Ring focus antenna, 5.3m diameter	Effective area 11.7 m^2 , AZ: $200^{\circ} - 340^{\circ}$, EL: $20^{\circ} - 85^{\circ}$
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^2
RUS	6	Radiotelescope "RATAN-600": Ring-type reflector 600 metres in diameter, consisting of 985 partly steerable elements 1.94×7.4 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: $0^{\circ}, \pm 30^{\circ}, \pm 60^{\circ}, \pm 90^{\circ}$ - azimuth, $0^{\circ} - 90^{\circ}$ - 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: $\pm 4^{\circ}$ sec ? (? - decl. of source) - azimuth, $6^{\circ}\text{S} - 60^{\circ}\text{N}$ - elevation

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	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
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 ² at 6.5 GHz; full sky
S	7	20 metres radome covered steerable paraboloid	180 square metres at 22 GHz; 125 m ² 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°

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
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
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
SUI	4	7m parabola	19 square meters; azimuth 40° – 315°; elevation 3° - 88° Prime focus polarimeter, linear polarization
SUI	5	5m parabola	9.8 square meters; azimuth 56° – 304°; elevation 0° - 97° Prime focus polarimeter, linear polarization
SUI	6	0.6 m offset parabola	0.15 square meters; azimuth 103° – 257°; elevation -12° - 90° Prime focus, linear polarization
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: ±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°

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	17	42.7 metres diameter paraboloid	752.5 square metres; hour angle: ± 6 hours; $+88^\circ$ to -48° declination
USA	18	91.4 metres diameter paraboloid	2694 square metres; transit telescope; $+86^\circ$ to -20° declination
USA	20	18.3 metres diameter paraboloid	150 square metres; equatorial mount; hour angle: ± 6 hours; $+90^\circ$ 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°
USA	34	12.8 metres diameter paraboloid	128.7 square metres; azimuth coverage $\pm 41^\circ$; $+66^\circ$ to 0° declination
USA	35	Three elements interferometer; each element is a 25.9 metres diameter paraboloid	526.8 square metres; hour angle: ± 6 hours; $+88^\circ$ to -52° 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° and 90°
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° and 90°
USA	40	2 metres diameter parabolic dish	2 square metres; coverage from 0° to 180° in azimuth and from 0° to 90° 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° and 90°
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° and 90°
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° and 90°
USA	63	Single 40 m parabolic reflector; prime focus	1230 square metres; all directions; the angle of elevation is between 12° and 90°
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° 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	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° to 30° in azimuth and 70° to 90° 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° and 90°
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° and 90°
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° and 90°
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
USA	96	18 metres parabolic antenna	254 square metres; elevation is 5 to 85 degrees; azimuth is 0 to 360 degrees.
USA	97	Two antennas: 12 metres and 20 metres parabolic antennas	12 metres antenna: 113 square metres; elevation is 5 to 85 degrees; azimuth is 0 to 360 degrees. 20 metres antenna: 314 square metres; elevation is 5 to 85 degrees; azimuth is 0 to 360 degrees.
USA	98	12 meters parabolic antenna	113 square metres; elevation is 5 to 85 degrees; azimuth is 0 to 360 degrees.

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 8

Code for the reference body (data item A.4.b.2)

Code	Reference body
T	Earth
L	Moon
M	Mars
J	Jupiter
V	Venus
S	Sun
D	Deep space (distance from the Earth equal to or greater than 2×10^6 km, see RR No. 1.177) when no appropriate reference body is found in this table
H	Mercury

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 and 9.21. 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 overlap⁷;

B⁸ – 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.

⁷ 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 8th Plenary Meeting).

⁸ 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. 9.7*
9.7A	No. 9.7A
9.7B	No. 9.7B
9.41	Administration included in coordination after completion of the process of Nos. 9.41 and 9.42
A30#7.1	Appendix 30 , Article 7, paragraph 7.1*
A30A#7.1	Appendix 30A , Article 7, paragraph 7.1*
9.11	No. 9.11
9.11A	No. 9.11A
9.12	No. 9.12
9.12A	No. 9.12A
9.13	No. 9.13
9.14	No. 9.14
9.21/A	No. 9.21 – 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 33 , Section A, paragraph 2.1
RS33#3	Resolution 33 , Section B, paragraph 3
RS539	Resolution 539 (WRC-2003), <i>resolves</i> 2, 1 st 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. 9.14 , see CR/251	Symbol used up to 18 April 2006 see BR IFIC 2567
RS84	Removed after abrogation of Resolution 84 by WRC-03	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. 9.47 or No. 9.48 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 5 Paragraph 6a, 6b and/or 6c no coordination under No. 9.--- 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. 9.---.</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 5 , no coordination under Nos. 9.15 to 9.19 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. 9.7, 9.12, 9.12A and 9.13 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. 9.7, 9.12, 9.12A and 9.13. Nevertheless, this Finding will be reviewed if, after the publication in Part II-S of the BR IFIC, 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. 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. The Bureau has therefore concluded that the application of the procedure of No. 9.21 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. 9.21 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. 9.7, 9.7A, 9.7B, 9.11, 9.12, 9.12A, 9.13 or 9.14 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. 11.32). Nevertheless, the Bureau's finding for this assignment with respect to No. 11.32A is favourable.
V/11.33	The coordination required under No. 9.15, 9.16, 9.17, 9.17A or 9.18 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. 11.32). Nevertheless, the Bureau's finding for this assignment with respect to No. 11.33 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. 11.41 .
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. 11.41 .
AP30	This assignment is in conformity with AP30 Plans or R1 and R3 List.
AP30A	This assignment is in conformity with AP30A Plans or R1 and R3 List.
AP30B	This assignment is in conformity with AP30B Plan.
X/AP30	This assignment is not in conformity with AP30 Plans or R1 and R3 List.
X/AP30A	This assignment is not in conformity with AP30A Plans or R1 and R3 List.
X/AP30B	This assignment is not in conformity with AP30B Plan.

TABLE 11B.2

Symbols in agreement status column currently in use

Symbol used in agreement status column	Description
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

Symbol used in provision column	Description
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 RR1101-1103 or RR1142-1144 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 RR1066A, RR1067, RR1068 or RR1069 no coordination under RR1060 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 Resolution 46 , no coordination under paragraph 2.1 or 2.2 of Resolution 46 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 RR1060 . 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 RR1109, RR1110 or RR1111 , no coordination under RR1107 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 Resolution 46 , no coordination under paragraph 3.1 of Resolution 46 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 RR1060 and Paragraphs 2.1 and 2.2 of Resolution 46 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 RR1504. Nevertheless, this Finding will be reviewed if, after six months following the publication in Part II-S of the BR IFIC, an objection from the administration concerned has been received.</p>
V/RR1060	<p>The coordination required under RR1060 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 RR1504). Nevertheless, the Bureau's finding for this assignment with respect to RR1506 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 RR1544.</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

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

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

Provision symbol	Provisions under which coordination or agreement requirement or potentially affected administration identified, or agreements reached
30B#6.5AU_1	Appendix 30B , Article 6 , § 6.5 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink power flux-density (pfd), 6GHz
30B#6.5AU_2	Appendix 30B , Article 6 , § 6.5 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 12-13GHz
30B#6.5AD_1	Appendix 30B , Article 6 , § 6.5 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 4GHz
30B#6.5AD_2	Appendix 30B , Article 6 , § 6.5 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 10-11GHz
30B#6.5B1_1	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 6GHz
30B#6.5B1_2	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 12-13GHz
30B#6.5B2_1	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 4GHz
30B#6.5B2_2	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 10-11GHz
30B#6.5B3_1	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 6/4GHz
30B#6.5B3_2	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 12-13/10-11GHz
30B#6.5BU_1	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 6GHz
30B#6.5BU_2	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 12-13GHz
30B#6.5BD_1	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 4GHz
30B#6.5BD_2	Appendix 30B , Article 6 , § 6.5 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 10-11GHz
30B#6.5C1_1	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 6GHz
30B#6.5C1_2	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 12-13GHz
30B#6.5C2_1	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 4GHz
30B#6.5C2_2	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 10-11GHz
30B#6.5C3_1	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 6/4GHz
30B#6.5C3_2	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 12-13/10-11GHz
30B#6.5CU_1	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 6GHz

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

Provision symbol	Provisions under which coordination or agreement requirement or potentially affected administration identified, or agreements reached
30B#6.5CU_2	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 12-13GHz
30B#6.5CD_1	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 4GHz
30B#6.5CD_2	Appendix 30B , Article 6 , § 6.5 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 10-11GHz
30B#6.6	Appendix 30B , Article 6 , § 6.6
30B#6.21A1_1	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 6GHz
30B#6.21A1_2	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 12-13GHz
30B#6.21A2_1	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 4GHz
30B#6.21A2_2	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 10-11GHz
30B#6.21A3_1	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 6/4GHz
30B#6.21A3_2	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 12-13/10-11GHz
30B#6.21AU_1	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 6GHz
30B#6.21AU_2	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 12-13GHz
30B#6.21AD_1	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 4GHz
30B#6.21AD_2	Appendix 30B , Article 6 , § 6.21 a), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 10-11GHz
30B#6.21B1_1	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 6GHz
30B#6.21B1_2	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 12-13GHz
30B#6.21B2_1	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 4GHz
30B#6.21B2_2	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 10-11GHz
30B#6.21B3_1	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 6/4GHz
30B#6.21B3_2	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 12-13/10-11GHz
30B#6.21BU_1	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 6GHz

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

Provision symbol	Provisions under which coordination or agreement requirement or potentially affected administration identified, or agreements reached
30B#6.21BU_2	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 12-13GHz
30B#6.21BD_1	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 4GHz
30B#6.21BD_2	Appendix 30B , Article 6 , § 6.21 b), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 10-11GHz
30B#6.21C1_1	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 6GHz
30B#6.21C1_2	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink single entry C/I, 12-13GHz
30B#6.21C2_1	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 4GHz
30B#6.21C2_2	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink single entry C/I, 10-11GHz
30B#6.21C3_1	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 6/4GHz
30B#6.21C3_2	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , overall aggregate C/I, 12-13/10-11GHz
30B#6.21CU_1	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 6GHz
30B#6.21CU_2	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , uplink pfd, 12-13GHz
30B#6.21CD_1	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 4GHz
30B#6.21CD_2	Appendix 30B , Article 6 , § 6.21 c), Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , downlink pfd, 10-11GHz
30B#6.21N_1	Appendix 30B , Article 6 , § 6.21 c), Footnote 7bis, Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , 6/4 GHz
30B#6.21N_2	Appendix 30B , Article 6 , § 6.21 c), Footnote 7bis, Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , 12-13/10-11 GHz
30B#6.22_1	Appendix 30B , Article 6 , § 6.22 Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , 6/4GHz
30B#6.22_2	Appendix 30B , Article 6 , § 6.22 Annex 4 of Appendix 30B or Appendix 1 to Attachment 1 to Res170 , 12-13/10-11GHz

TABLE 11C.2

Symbols in “agree_st” column of the “tr_provn” and “tr_aff_ntw” tables

Symbol	Description
I	Administrations are identified as potentially affected
N	Agreement is not required
O	The required agreement has been obtained
R	Agreement is required
T	Administrations in respect to which Resolution 126 (WRC-23) applied
V	Implicit agreement has been obtained ¹
X	Agreement has not been obtained ²

¹ 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.

² 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

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

TABLE 12A/12B
Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ABW	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@agentschaptelcom.nl
 TELEFAX: +31 50 58 77 400
 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

AFG	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

001 MINISTRY OF COMMUNICATIONS
003 AFGHAN AIR AUTHORITY
005 AFGHAN MINISTRY OF AGRICULTURE
007 MINISTRY OF INTERIOR POLICE
009 RED CROSS ORGANIZATION

002 MINISTRY OF CIVIL AVIATION
004 EMBASSY OF THE REPUBLIC OF TURKEY
006 AFGHAN CIVIL AVIATION
008 EMBASSY OF SAUDI ARABIA

AFS	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
 EMAIL: info@icasa.org.za
 TELEX: 095 357793 = RADIO
 PHONE: +27 11 566 3000
 TELEFAX: +27 11 444 1919

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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

AFS	South Africa
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- F** INTERNATIONAL FREQUENCY COORDINATION
SPACE SERVICES UNIT
OFCOM
2A SOUTHWARK BRIDGE ROAD
LONDON SE1 9HA
EMAIL: ifc.enquiries@ofcom.org.uk
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969dti wbh g
- G** FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC
FREQUENCY OFFICE
ARSENAL, OBJEKT 22, POB 79
A-1103 WIEN / AUSTRIA
TELEX: 131 800 MONI A
- | | |
|--|---|
| 001 DEPARTMENT OF POSTS AND TELEGRAPHS | 002 DEPARTMENT OF TRANSPORT, DIVISION OF CIVIL AVIATION |
| 003 DEPARTMENT OF DEFENCE | 004 SOUTH AFRICAN BROADCASTING CORPORATION |
| 005 SOUTH AFRICAN RAILWAYS AND HARBOURS | 006 PRIVATE |
| 007 GEOLOGICAL SURVEY DEPARTMENT | 008 GEOPHYSICAL RESEARCH |
| 009 SOUTH AFRICAN POLICE | 010 NAMIBIAN ADMINISTRATION |
| 011 EMBASSY OF SWITZERLAND IN PRETORIA | 012 FIRE FIGHTING |
| 013 BOPHUTHATSWANA | 014 RED CROSS ORGANIZATION |
| 015 S.A.N.F. | 016 BOTSWANA POLICE |
| 017 DEPARTMENT OF NATIVE AFFAIRS | 019 BOTSWANA ADMINISTRATION |
| 021 SWAZILAND ADMINISTRATION | 022 UNITED KINGDOM GOVERNMENT |
| 023 ADMIRALTY, LONDON | 024 OSTERREICHISCHE BOTSCHAFT |
| 025 EMBASSY OF HUNGARY IN PRETORIA | 026 DEPARTMENT OF SCIENCE AND TECHNOLOGY OF THE REPUBLIC OF SOUTH AFRICA |
| 027 DRAGONFLY AEROSPACE | |

AGL	Angola
------------	--------

- A** 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
PHONE: +244 222 338 352
TELEX: 0991 2134 COMANG AN
- 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
- 001** UNITED NATIONS

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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ALB	Albania
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- A** MINISTRY OF TRANSPORTS AND TELECOMMUNICATIONS
GENERAL DIRECTORATE OF PT
A. TOPTANI STREET
TIRANA
ALBANIA
EMAIL: apostaln@atnet.com.al
PHONE: +355 4 227 204
TELEFAX: +355 4 233 772
- 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

ALG	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

ALS	Alaska (State of)
------------	-------------------

- 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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ALS	Alaska (State of)
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051	US GOVERNMENT COAST GUARD	068	U.S. GOVERNMENT (DEMANDER CONFIRMATION AUX USA)
120	FEDERAL COMMUNICATIONS COMMISSION - SD	230	FEDERAL COMMUNICATIONS COMMISSION, BC
300	FEDERAL COMMUNICATIONS COMMISSION, PLM	350	FEDERAL COMMUNICATIONS COMMISSION, PAV

AMS	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 84 23 19 93 (Services de Terre)
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
 TELEFAX: +33 1 84 23 19 93 (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-AMSTERDAM	002	METEOROLOGIE
003	DEFENSE NATIONALE		

AND	Andorra
------------	---------

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 COMMUNICATION (SOFIRAD) PARIS	002	EIRASA, MADRID
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AOE	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
 TELEX: 05244100 GENTL E
 TELEFAX: +34 91 5322972

019 KRUPP GMBH

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ARG	Argentina
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- A** SECRETARIA DE GOBIERNO DE MODERNIZACION
 SECREARIA 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
- | | |
|--|--|
| 001 SECRETARIA TIC | 002 PRIVADO |
| 004 COMISION NACIONAL DE ACTIVIDADES ESPACIALES (CONAE) | 005 FUERZA AEREA ARGENTINA (FAA) |
| 007 ARSAT S.A. | 008 INSTITUTO ARGENTINO DE RADIOASTRONOMIA |
| 009 INVAP S.E. | 010 SATELLOGIC S.A |
| 011 CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET) | 012 MIOTA AEROSPACE S.A.S. |
| 013 INSTITUTO DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS PARA LA DEFENSE (CITEDEF) | 014 EJÉRCITO ARGENTINO (ÁREA DE COMUNICACIONES) |

ARM	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
 PHONE: +37410 28 87 17
 EMAIL: rct@web.am
 TELEFAX: +37410 28 86 83
 TELEX: 064243311 OPSU
- | | |
|--|---|
| 001 GC JSC REPUBLICAN TELECOMMUNICATIONS CENTRE | 002 GC JSC ARMENIA TELEVISION NETWORKS |
| 003 GC JSC RADIO | 004 JSC ARMENTEL |
| 005 PUBLIC TELERADIOCOMPANY OF ARMENIA | 006 JSC ARMKOSMOS |

ARS	Saudi Arabia
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- A** COMMUNICATIONS AND INFORMATION TECHNOLOGY
 COMMISSION (CITC)
 P.O. BOX 75606
 RIYAD 11588
 EMAIL: smalik@citc.gov.sa
 TELEFAX: +966 1 461 8002
 TELEX: 0495 401220 PTT SJ
 PHONE: +966 1 461 8003
- B** FIELD SERVICE,
 UNITED NATIONS HEADQUARTERS,
 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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ARS	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
- | | |
|--|---|
| 001 ARAMCO | 002 TAPLINE |
| 003 SAUDI-ARABIAN AIR LINES (S.A.A.) | 004 P.T.T. |
| 005 UNITED NATIONS | 006 GETTY OIL CO. |
| 007 MET. DEPT. | 008 GOVERNMENT |
| 009 ARABIAN OIL CO. (JAPAN) | 010 SWEDISH GOVERNMENT |
| 011 SAUDI ROAD-CONSULTING ENGINEERS, RIYADH | 012 CIVIL AVIATION DEPT. |
| 013 EMBASSY OF THE STATE OF KUWAIT | 014 DANISH GOVERNMENT |
| 015 MINISTRY OF INFORMATION, RIYADH | 016 ARAB SATELLITE COMMUNICATIONS ORGANIZATION |
| 017 PRIVATE SECTOR | 018 KING ABDULAZIZ CITY FOR SCIENCE AND TECHNOLOGY (KACST) |
| 019 KING SAUD UNIVERSITY (KSU) | 020 OQ TECHNOLOGY |

ASC	Ascension Island
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- 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
EMAIL: ifc.enquiries@ofcom.org.uk
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G
- | | |
|---|--|
| 001 CABLE AND WIRELESS PLC, LONDON | 002 BBC |
| 003 VOLCANO RADIO | 004 UNITED KINGDOM GOVERNMENT |
| 005 UNITED STATES GOVERNMENT | 006 DEUTSCHES GEODATISCHES FORSCHUNGSINSTITUT |

ATA	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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ATA	Antarctic
C	<p>ASSISTANT SECRETARY TRANSMISSION POLICY AND SPECTRUM PLANNING BRANCH DEPARTMENT OF TRANSPORT AND COMMUNICATIONS GPO BOX 594 CANBERRA A.C.T. 2601 TELEX: SECCOM AA62025A</p>
D	<p>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</p>
E	<p>SUBSECRETARIA DE TELECOMUNICACIONES MINISTERIO DE TRANSPORTES Y TELECOMUNICACIONES AMUNATEGUI 139 SANTIAGO DE CHILE TELEX: 034341156 SUBTEL CK</p>
F	<p>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 84 23 19 93 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 84 23 19 93 (Stations terriennes)</p>
G	<p>INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100 TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G</p>
H	<p>THE DIRECTOR GENERAL OF TELECOMMUNICATIONS BUREAU MINISTRY OF POSTS AND TELECOMMUNICATIONS 3-2, KASUMIGASEKI 1-CHOME CHIYODA-KU TOKYO 100-90 TELEX: 072 J29100</p>
I	<p>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</p>
J	<p>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</p>
K	<p>MINISTRY OF POSTS AND TELECOMMUNICATIONS OF THE RUSSIAN FEDERATION DEPARTMENT FOR INTERNATIONAL RELATIONS 7, TVERSKAYA STREET 103375 MOSKVA, K-375 TELEFAX: +7 095 2003230</p>

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

ATG	Antigua and Barbuda
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- | | | | |
|------------|--|------------|--|
| A | 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 | DEPARTMENT OF STATE,
WASHINGTON D.C. 20520 | | |
| 001 | ANTIGUA BROADCASTING SERVICE | 002 | CARRIACOU GOVERNMENT |
| 003 | INTERNATIONAL AERADIO (CARIB) LIMITED | 004 | ZANDEK COMMERCIAL RADIOS INC. |
| 005 | BAPTIST INTERNATIONAL MISSION | 006 | COMMANDER V.E.B. NICHOLSON, ENGLISH
HARBOUR COAST SERVICE |
| 007 | CABLE AND WIRELESS (W.I.) LTD., LONDON | 008 | PAN AMERICA WORLD AIRWAYS |
| 009 | PUBLIC WORKS DEPARTMENT | 010 | U.S. GOVERNMENT |

AUS	Australia
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- | | | | |
|------------|--|------------|---|
| A | 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 | DEPARTMENT OF STATE,
WASHINGTON D.C. 20520 | | |
| 001 | AUSTRALIAN BROADCASTING SERVICES | 002 | GOVERNMENT |
| 003 | POLICE DEPARTMENTS | 004 | FORESTRY DEPARTMENTS |
| 005 | DEPARTMENT OF CIVIL AVIATION | 006 | AUSTRALIAN TELECOMMUNICATIONS
COMMISSION |
| 007 | FIRE FIGHTING SERVICES | 008 | OVERSEAS TELECOMMUNICATIONS COMMISSION |
| 009 | OUTPOST RADIOCOMMUNICATIONS SERVICES | 010 | AMBULANCE SERVICES |
| 011 | ELECTRICITY SUPPLY AUTHORITIES | 012 | PRIVATE |
| 013 | WATER SUPPLY AUTHORITIES | 014 | TRANSPORT AUTHORITIES |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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
039	THE UNIVERSITY OF MELBOURNE	040	LATCONNECT 60 LTD

AUT	Austria	
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- A** FERNMELDEBÜRO, TELECOMMUNICATIONS AUTHORITY REPUBLIC AUSTRIA
RADETZKYSTRASSE 2
1030 WIEN
AUSTRIA
EMAIL: office@fb.gv.at
PHONE: +43 1 71100 654500
- 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 | 002 | RADIO AUSTRIA AG, WIEN |
| 003 | OESTERREICHISCHE GEMEINDEN - BC/TV | 004 | BUNDESMINISTERIUM FÜR FINANZEN, WIEN |
| 005 | OESTERREICHISCHE PRIVAT - BC/TV | 007 | OSTERREICHISCHER BERGRETTUNGSDIENST |
| 008 | AMT DER TIROLER LANDESREGIERUNG,
INNSBRUCK | 009 | BUNDESAMT FÜR ZIVILLUFTFAHRT, WIEN |
| 010 | PANAMERICAN AIRWAYS, WIEN | 011 | BUNDESMINISTERIUM FÜR VERKEHR,
GENERALDIREKTION FÜR DIE POST- UND
TELEGRAPHENVERWALTUNG, WIEN |
| 012 | EMBASSY OF THE REPUBLIC OF TURKEY,
WIEN | 013 | BAYRISCHER RUNDFUNK, MUNCHEN |
| 014 | ADMINISTRATION DES P.T.T. BERNE,
SUISSE | 016 | AUSTRIAN AIRLINES, WIEN |
| 017 | BUNDESMINISTERIUM FÜR INNERES
(BUNDESGENDARMERIE), WIEN | 019 | BUNDESMINISTERIUM FÜR INNERES
(BUNDESPOLIZEI), WIEN |
| 020 | BUNDESMINISTERIUM FÜR INNERES
(INTERPOL), WIEN | 021 | SCANDINAVIAN AIRLINES, WIEN |
| 022 | ERSTE DONAU-
DAMPFSCHIFFFAHRTSGESELLSCHAFT, WIEN | 023 | OSTERREICHISCHE GESELLSCHAFT VOM ROTEN
KREUZ, WIEN |
| 024 | ETAT | 025 | OEST.ELEKTRIZITAETS WIRTSCHAFTS AG |
| 026 | OESTERREICHISCHE DRAUKRAFTWERKE AG | 027 | VORARLBERGER KRAFTWERKE AG |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

AUT	Austria
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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

AZE	Azerbaijan
------------	------------

A MINISTRY OF COMMUNICATIONS AND HIGH TECHNOLOGIES
77 ZARIFA ALIYEVA ST.
AZ 1000 BAKU
REPUBLIC OF AZERBAIJAN
EMAIL: dri@bakinter.net
PHONE: +994 12 493 45 44
TELEFAX: +994 12 498 7912
TELEX: 064 142105 INAM SU

001 MINISTRY OF COMMUNICATIONS

AZR	Azores
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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	Brazil
----------	--------

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

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

B	Brazil		
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 TECNOLOGICO DE AERONAUTICA (ITA)	060	UNIVERSIDADE FEDERAL DE SANTA CATARINA (UFSC)
061	O3B HORTOLANDIA EARTH STATION	062	UNIVERSIDADE DE BRASILIA (UNB)
063	PION LABS ENGENHARIA LTDA	064	CCISE - COMISSAO DE COORDENACAO E IMPLANTACAO DE SISTEMAS ESPACIAIS
065	INSTITUTO SENAI DE INOVACAO EM SISTEMAS EMBARCADOS		

BAH	Bahamas	
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A THE PERMANENT SECRETARY
OFFICE OF THE DEPUTY PRIME MINISTER
PUBLIC ENTERPRISES
P.O. BOX N - 3217
NASSAU
COMMONWEALTH OF THE BAHAMAS
EMAIL: puc@pucbahamas.gov.bs
TELEFAX: +1 242 356 7444

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001	BAHAMAS TELECOMMUNICATIONS CORPORATION P.O. BOX 48 , NASSAU, BAHAMAS	002	MINISTRY OF WORKS AND UTILITIES, NASSAU, BAHAMAS
004	BAHAMAS LIGHTHOUSE SERVICES	005	FEDERAL AVIATION AGENCY
007	CIVIL AVIATION	008	BAHAMAS ELECTRICITY CORP. SYSTEM
009	ROYAL BAHAMAS POLICE FORCE	012	BAHAMAS OIL REFINING CO.
015	BAHAMASAIR	068	U.S. GOVERNMENT (DEMANDER CONFIRMATION AUX USA)

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BDI	Burundi
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- 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
- | | | | |
|------------|--|------------|---|
| 001 | OFFICE NATIONALE DES T L COMMUNICATION (ONATEL) | 002 | RADIO ET T L VISION NATIONAL DU BURUNDI (RTNB) |
| 003 | SOCI T  DE LA T L VISION NUM RIQUE DU BURUNDI | 004 | AUTORIT  DE L'AVIATION CIVILE |
| 005 | AUTORIT  MARITIME, PORTUAIRE ET FERROVIAIRE (AMPF) | 006 | OPERATEURS DE LA RADIODIFFUSION SONORE ET T L VISUELLE PRIV S |
| 007 | ECONET-LEO | 008 | LACELL SU |
| 009 | VIETTEL | 010 | FOURNISSEURS D'ACC S   L'INTERNET |
| 011 | POLICE NATIONALE | 012 | MINIST RE DE LA D FENSE |
| 013 | AGENCES ONUSIENNES | 014 | R SEAUX MOBILE PRIV  |
| 015 | AMBASSADES | | |

BEL	Belgium
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- 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
- | | | | |
|------------|--|------------|--|
| 001 | REGIE DES TELEGRAPHES ET DES TELEPHONES | 002 | BELGOCONTROL |
| 003 | ETAT | 004 | STATION GOUVERNEMENTALE |
| 005 | ADMINISTRATION MARINE | 006 | OSTERREICHISCHE BOTSCHAFT |
| 007 | INTERCOMMUNALE DES EAUX, GAND | 008 | UNIVERSITES ET CONSTRUCTEURS |
| 009 | EMBASSY OF THE REPUBLIC OF TURKEY | 010 | SOCIETE NATIONALE DES CHEMINS DE FER BELGES, BRUXELLES |
| 011 | AMBASSADE DE LA REPUBLIQUE DEMOCRATIQUE DU CONGO | 012 | RADIODIFFUSION TELEVISION BELGE (RTB-F) |
| 013 | ADMINISTRATION COMMUNALE | 014 | SOCIETE ANONYME "BRABO", ANVERS |
| 015 | MINISTERE DES AFFAIRES ETRANGERES | 016 | INSTITUT ROYAL METEOROLOGIQUE |
| 017 | OBSERVATOIRE ROYAL DE BELGIQUE | 018 | BELGISCHES RUNDFUNK- UND FERNSEHZENTRUM (BRF) |
| 019 | COMMUNAUTE ECONOMIQUE EUROPEENNE (CEE) | 023 | S.A. METALLURGIQUE D'ESPERANCE LONGDOZ A LIEGE |
| 024 | S.A. "ESSO STANDARD REFINERY" ANVERS | 025 | SOCIETE D'ELECTRICITE |
| 030 | EXPEDITION BELGE DANS L'ANTARCTIQUE | 031 | AMBASSADE DE YUGOSLAVIE |
| 032 | BELGISCHES RADIO EN TELEVISIE (BRT) | 033 | "ESA" EUROPEAN SPACE AGENCY |
| 034 | AMBASSADE DE LA REPUBLIQUE POPULAIRE D'ANGOLA | 035 | AMBASSADE D'IRLANDE |
| 036 | AMBASSADE DE LA REPUBLIQUE DU CONGO | 039 | AMBASSADE DU BENIN |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BEL	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

BEN	Benin
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A 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 BENIN TELECOMS S.A. (BTSA)
DIRECTION GENERALE
01 BP 5959 COTONOU
TELEFAX: +229 21 31 38 43
PHONE: +229 21 31 20 45

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

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)

BER	Bermuda
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A THE REGULATORY AUTHORITY OF BERMUDA
ELECTRONIC COMMUNICATIONS
1ST FLOOR CRAIG APPIN HOUSE
8 WESLEY STREET
HAMILTON HM11
BERMUDA
EMAIL: info@ra.bm
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B INTERNATIONAL FREQUENCY COORDINATION
SPACE SERVICES UNIT
OFCOM
2A SOUTHWARK BRIDGE ROAD
LONDON SEA 9HA
EMAIL: ifc.enquiries@ofcom.org.uk
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G

C DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001	CABLE AND WIRELESS (W.I.) LTD. LONDON	002	UNITED KINGDOM GOVERNMENT
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BER	Bermuda
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<p>004 BERMUDA BROADCASTING CO. LTD. 007 BERMUDA BOARD OF TRADE</p>	<p>005 BERMUDA GOVT. 008 DEPARTMENT OF MARINE AND PORT SERVICES</p>
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BES	Bonaire, St. Eustatius and Saba
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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

BFA	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

<p>001 MINISTERE DU DEVELOPPEMENT DE L'ECONOMIE NUMERIQUES ET DES POSTES 003 MINISTERE DE LA SECURITE 005 MINISTERE DE LA COMMUNICATION ET DES RELATIONS AVEC LE PARLEMENT 007 CONSEIL SUPERIEUR DE LA COMMUNICATION (CSC) 009 AGENCE POUR LA SECURITE DE LA NAVIGATION AERIENNE (ASCENA) 011 INSTITUT GEOGRAPHIQUE DU BURKINA (IGB) 013 SOCIETE BURKINABE DE TELEDIFFUSION (SBT) 015 SOCIETE NATIONALE D'ELECTRICITE DU BURKINA (SONABEL) 017 SOCIETE NATIONALE BURKINABE D'HYDROCARBURES (SONABHY) 101 AMBASSADE DE FRANCE, OUAGADOUGOU 103 AMBASSADE DE BELGIQUE A OUAGADOUGOU 105 AMBASSADE DE COTE D'IVOIRE, OUAGADOUGOU 107 AMBASSADE D'ALGERIE, OUAGADOUGOU 109 BUREAU DE LA COOPERATION SUISSE, OUAGADOUGOU 152 OMS OUAGADOUGOU 154 HCR OUAGADOUGOU 156 BANQUE MONDIALE OUGADOUGOU 158 COMMISSION DE L'UNION ECONOMIQUE ET MONETAIRES OUEST AFRICAINE (UEMOA) OUAGADOUGOU 202 ORANGE BURKINA SA 204 SITARAIL 206 SKYVISION 208 UNICOM SA 210 NEERWAY MULTIVISION</p>	<p>002 MINISTERE DE LA DEFENSE NATIONALE ET DES ANCIENS COMBATTANTS 004 MINISTERE DES AFFAIRES ETRANGERES, DE LA COOPERATION ET DES BURKINABE DE L'EXTERIEUR 006 MINISTERE DE L'ECONOMIE DES FINANCES ET DU DEVELOPPEMENT 008 AGENCE NATIONALE DE L'AVIATION CIVILE (ANAC) 010 AGENCE NATIONALE POUR LA PROMOTION DES TIC (ANPTIC) 012 UNIVERSITE OUAGA 1 JOSEPH KI ZERBO 014 RADIO TELEVISION DU BURKINA (RTB) 016 OFFICE NATIONALE DE L'EAU ET DE L'ASSAINISSEMENT (ONEA) 018 CENTRALE D'ACHAT DES MEDICAMENTS ESSENTIELS GENERIQUES (CAMEG) 102 AMBASSADE DES ETATS-UNIS D'AMERIQUE, OUAGADOUGOU 104 AMBASSADE DU CANADA, OUAGADOUGOU 106 AMBASSADE DU NIGERIA, OUAGADOUGOU 108 AMBASSADE D'ARABIE SAOUDITE, OUAGADOUGOU 151 CROIX ROUGE BUKINABE, OUAGADOUGOU 153 ACTION CONTRE LA FAIM (ACF) OUAGADOUGOU 155 PLAN INTERNATIONAL BURKINA OUAGADOUGOU 157 BANQUE CENTRALE DES ETATS D'AFRIQUE DE L'OUEST (BCEAO) 201 ONATEL SA 203 TELETEL FASO SA 205 INTERNET PUISSANCE PLUS (IP PLUS) 207 ALINK TELECOM 209 IPSYS 211 UNIVERSITE NORBERT ZONGO</p>
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BGD	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
TELEX: +45 412962 UNO CH
TELEFAX: +41 22 9170123
- C** NATIONAL POST AND TELECOM AGENCY
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 54 40777 RADCON S
- | | |
|---|---|
| <p>001 SWEDISH GOVERNMENT
003 DEPARTMENT CIVIL AVIATION</p> | <p>002 RADIO BANGLADESH CEBROCAST
004 BANGLADESH TELEGRAPH AND TELEPHONE BOARD (BTTB)</p> |
|---|---|

BHR	Bahrain
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- A** DIRECTORATE OF WIRELESS LICENSING, FREQUENCY & MONITORING TELECOMMUNICATIONS REGULATORY AUTHORITY
P.O. BOX 10353
MANAMA
KINGDOM OF BAHRAIN
EMAIL: aysha.binsanad@mtt.gov.bh
EMAIL: Bhfocalpoint@mtt.gov.bh
EMAIL: hali@tra.org.bh
TELEFAX: +973 17 532125
- B** MINISTRY OF TRANSPORTATION AND TELECOMMUNICATIONS
10325 MANAMA
KINGDOM OF BAHRAIN
EMAIL: aysha.binsanad@mtt.gov.bh
EMAIL: Bhfocalpoint@mtt.gov.bh
TELEFAX: TELEFAX +973 17 321135
- C** DEPARTMENT OF STATE,
WASHINGTON D.C. 20520
- | | |
|--|--|
| <p>001 UNITED KINGDOM GOVERNMENT
003 BAHRAIN STATE ELECTRICITY DEPARTMENT
006 AIRCRAFT SERVICES (GULF) LTD.
008 BAHRAIN GOVERNMENT</p> <p>013 BAHRAIN STATE POLICE
016 BRITISH AIRWAYS
018 GULF AIR
023 AWAL CONTRACTING AND TRADING CO.
025 MINISTRY OF INFORMATION
029 FRENCH EMBASSY, BAHRAIN
031 EMBASSY OF JORDON, BAHRAIN
034 NATIONAL SPACE SCIENCE AGENCY (NSSA)</p> | <p>002 BAHRAIN TELECOMMUNICATIONS COMPANY
005 AERADIO TECHNICAL SERVICES LTD.
007 MIDDLE EAST NAVIGATION AIDS SERVICES
010 YUSUF BIN AHMED KANOO (SHIPPING AGENCY)
015 BAHRAIN PETROLEUM CO. LTD.
017 CIVIL AVIATION DIRECTORATE
021 BROWN AND ROOT S.A.
024 BP ARABIAN AGENCIES (BAHRAIN)
026 EMBASSY OF PAKISTAN, MANAMA
030 AUSTRALIAN CONSULATE
033 INDIAN EMBASSY, BAHRAIN</p> |
|--|--|

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

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

BLM	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 84 23 19 93 (Services de Terre)
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
 TELEFAX: +33 1 84 23 19 93 (Stations terriennes)
 TELEFAX: +33 1 45187231
- | | | | |
|------------|-------------------------------------|------------|---|
| 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 |
| 019 | PHARES ET BALISES | 034 | AUTORITE DE REGULATION DES TELECOMMUNICATIONS |

BLR	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
- | | | | |
|------------|----------------------------------|------------|--------------|
| 001 | POSTS, TELEGRAPHS AND TELEPHONES | 002 | INTERSPUTNIK |
|------------|----------------------------------|------------|--------------|

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BLR	Belarus
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003	GEOGRAPHICINFORMATION SYSTEMS	004	MINISTRY OF COMMUNICATIONS AND INFORMATIZATION OF THE REPUBLIC OF BELARUS
005	BELINTERSAT		

BLZ	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
EMAIL: ifc.enquiries@ofcom.ork.uk
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G

001	BELIZE TELECOMMUNICATION AUTHORITY	002	BELIZE DEFENCE FORCE
003	BROADCASTING DEPARTMENT	004	CIVIL AVIATION DEPARTMENT
005	CABLE AND WIRELESS PLC	006	BELIZE SUGAR INDUSTRIES
007	NATIONAL METEOROLOGICAL SERVICE	008	BELIZE WEATHER BUREAU

BOL	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
PHONE: +591 2 231 1010
EMAIL: rmendez@oopp.gov.bo
TELEFAX: +591 2 211 5701

002	LAB	003	PANAGRA
004	FRIG. ANDES	005	FRIG. BALLIVIAN
006	FRIG. SUAREZ	007	FUERZAS AEREAS
008	WEST COAST OF AMERICA TELEGRAPH CO. LTD.	009	EMPRESA NACIONAL TELECOMMUNICATIONS "ENDEL"
010	ALL AMERICA CABLES AND RADIO	011	ADMINISTRACION DE AEROPUERTOS Y SERVICIOS AUXILIARES A LA NAVEGACION AEREA
012	SERVAL	013	YACIMIENTOS PETROLIFEROS FISCALES BOLIVIANOS
014	CORPORACION MINERA DE BOLIVIA	015	PRESIDENCIA DE LA REPUBLICA
016	MINISTERIO DE DEFENSA NACIONAL	017	MINISTERIO DE GOBIERNO
018	MINISTERIO DE AGRICULTURA Y METEOROLOGIA	019	MINISTERIO DE SALUD PUBLICA
020	DIRECCION GENERAL DEL D.I.C.	021	DIRECCION GENERAL DEL PETROLEO
022	DIRECCION GENERAL DE TRANSITO	023	EJERCITO NACIONAL
024	SERVICIO NACIONAL DE CAMINOS	025	EMPRESA NACIONAL DE FERROCARRILES
026	CORPORACION BOLIVIANA DE FOMENTO	027	ADUANA NACIONAL
028	ADUANA DE LA COCA	029	INSTITUTO NACIONAL DE SALUD OCUPACIONAL
030	COMISION MIXTA BOL-ARG. DE FERROCARRILES	031	DEPARTAMENTO NACIONAL DE HIDROGRAFIA Y NAVEGACION
032	BANCO NACIONAL	033	BANCO MINERO BOLIVIANO
034	INSTITUTO GEOGRAFICO MILITAR	035	COMITE BOLIVIANO DE FOMENTO LANERO
036	INSTITUTO NACIONAL DE COLONIZACION	037	UNIFICADA EMUSA
038	EMPRESA MINERA BERNAL	039	EMPRESA MINERA TIHUA-MINAS
040	MINAS ATOROMA	041	EMPRESA MINERA SUCS. PEDRO SAN JUAN

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BOL	Bolivia		
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		
BOT	Botswana		
A	THE EXECUTIVE CHAIRMAN BOTSWANA TELECOMMUNICATIONS AUTHORITY (BTA) PRIVATE BAG 00495 GABORONE BOTSWANA TELEFAX: +267 3957976 TELEX: 0962 2414 PULA BD		
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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BRB	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
 PHONE: +1 246 434 2502
 TELEFAX: +1 246 626 0960
 EMAIL: reginald.bourne@telecoms.gov.bb

B DEPARTMENT OF STATE,
 WASHINGTON D.C. 20520

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

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

BRM	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

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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

BRU	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 ANGGEREK DESA, JIN BERAKAS
BANDAR SERI BEGAWAN BB3713
BRUNEI DARUSSALAM
PHONE: +673 2323232
TELEFAX: +673 2382445
TELEX: 0809 JTBHQ BU 2277

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

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

BTN	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

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

B COMMUNICATIONS REGULATION COMMISSION
6, GEN. JOSEPH V. GURKO STR.
1000 SOFIA
REPUBLIC OF BULGARIA
EMAIL: info@crc.bg
PHONE: +359 2 949 27 23

001	BULGARIAN TELECOMMUNICATIONS COMPANY (BTC) LTD.	002	BULGARIA SAT AD
003	ASSOCIATION TSIOLKOVSKY	004	SOLAR SPACE LTD.
005	BALKANSAT EOOD		

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CAF	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
- 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
- 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
- | | |
|--|--|
| 001 FORCES TERRESTRES FRANCAISES | 002 COMMISSARIAT A L'ENERGIE ATOMIQUE |
| 003 AERONAUTIQUE MILITAIRE FRANCAISE | 004 AERONAUTIQUE CIVILE (A.S.E.C.N.A.) |
| 006 CIE FRANCE CABLE ET RADIO | 008 OFFICE EQUATORIAL DES POSTES ET
TELECOMMUNICATIONS |
| 010 RESEAU DE SECURITE ET DE GENDARMERIE
NATIONALE | 013 SOCIETES ET CIES PRIVEES CONTROLEES
PAR L'OFFICE EQUATORIAL DES P. ET T. |
| 014 RADIODIFFUSION NATIONALE | 016 ARMEE NATIONALE |

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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CAN	Canada
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031	NORTHSTAR	032	NEW SPECTRUM SATELLITE, LTD.
033	YORK UNIVERSITY	034	CONCORDIA UNIVERSITY
035	SHERBROOKE UNIVERSITY	036	UNIVERSITY OF VICTORIA
037	UNIVERSITY OF PEI	038	SPACEQUEST CANADA INC.
039	MCMASTER UNIVERSITY	040	MYRIOTA CANADA
041	MEMORIAL UNIVERSITY C-CORE	042	DALHOUSIE UNIVERSITY
043	UNIVERSITY OF BRITISH COLUMBIA	044	UNIVERSITY OF NEW BRUNSWICK
045	UNIVERSITY OF ALBERTA	046	THE UNIVERSITY OF WESTERN ONTARIO
047	FEMTOSTAR INC.	048	UNIVERSITY OF SASKATCHEWAN COLLEGE OF ENGINEERING
049	UNIVERSITY OF MANITOBA	050	MDA GEOSPATIAL SERVICES INC
051	UNIVERSITY OF CALGARY	052	STARSPEC TECHNOLOGIES INC.

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

CHL	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		
001	COMPANIA INTERNACIONAL DE RADIO CHILE, S.A.	002	CHILE EXPLORATION CO.
003	DIRECCION GENERAL DE CORREOS Y TELEGRAFOS	004	PRESS WIRELESS CHILENA
005	SERVICIO DE GOBIERNO	006	CIA FRIGORIFICO TRES PUENTES
007	SOC. PERIODISTICA DEL SUR	008	FERROCARRILES DEL ESTADO
009	DEPTO. DE CAMINOS	010	EMPRESA CONST. DELTA
011	COMPANIA DE TELEFONOS DE MAGALLANES	012	CORPORACION DE FOMENTO DE LA PRODUCCION
013	GUILLERMO PORTALES VICUNA	014	EMPRESA NACIONAL DE ELECTRICIDAD (ENDESA)
015	DEPTO. DE RIEGO	016	DEPTO. DE PUERTOS
017	ENAMI	018	BOYS SCOUT DE CHILE
019	EMPRESA NACIONAL DE PETROLEO	020	TELEGRAFO COMERCIAL
022	SOCIEDAD DE TURISMO Y HOTELES DE CHILE	023	CIA ACERO DEL PACIFICO
024	SOCIEDAD GANADERA GENTE GRANDE	025	CIA SALITRERA GIANOLI MUSTAKIS
026	CIA CHILENA DE ELECTRICIDAD	027	COMUNIDAD IRARAZAVAL
028	SOC. AGRICOLA Y MADERERA RELECO	029	JORGE CHADWICK
030	CARLOS VIAL	031	CIA SALITRERA TARAPACA Y ANTOFAGASTA
032	FABRICA DE CEMENTO MELON	033	SOC. AGRICOLA LA ROSA
034	SUC. ROTH	035	SOC. ARROCERA INDUSTRIAL COLCHAGUA
036	JOAQUIN PATINO	037	FERNANDO MARDONES
038	JUVENAL MORENO B.	039	JORGE PETRINOVIC
040	TRANSRADIO CHILENA	041	SOC. CONSTRUCTORA GUZMAN VIAL
042	RAFAEL ARISTIA	043	SOC. CEMENTO CERRO BLANCO
044	CIA SALITRERA ANGLLO LAUTARO	045	LADISLAO BRAVO
046	LUIS DOUSSOULIN	047	MARIO CERDA
048	CIA MINERA CERRO NEGRO	049	EUGENIO SUAREZ
050	SOC. AGRICOLA Y GANADERA LOS VILOS	051	CLUB ANDINO OSORNO
052	INDUSTRIA MADERERA BIMA	053	CIA MINERA PUNITAQUI

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CHL	Chile (except Easter Island)		
054	ARTURO ARISCAIN	055	SOCIEDAD ANONIMA AGRICOLA Y GANADERA
056	ENRIQUE GARDEWEG	057	VICTOR WIREN
058	CARLOS STREETER	059	JORGE CABALLERO
060	VINA CASA BLANCA	061	SOC. BENITEZ, ELGUETA Y CIA
062	ANIBAL GREZ	063	COMUNIDAD KUSTMANN
064	ALFREDO REED	065	FABRICA NACIONAL DE CARBURO Y METALURGIA
066	EMPRESA CONSTRUCTORA "DESCO"	067	JAIME CERDA
068	RICARDO BASCUNAN	069	FRANCISCO CUEVAS M.
070	FELIX BASSANO	071	PERALTA HNOS.
072	SOCIEDAD NACIONAL DE AGRICULTURA	073	SOC. RADIODIFFUSORA LA MERCANTIL
074	CIA AZUFRERA AUCANQUILCHA	075	CIA DE TELEFONOS DE CHILE
076	CIA CHILENA DE COMUNICACIONES, S.A.	077	ANTONIO CAJIAO G.
078	SOC. DE BROADCASTING S.N.A.	079	CORPORACION CHILENA DE BROADCASTING Y TELEVISION
080	SOC. CHILENA DE RADIODIFUSORAS S.A.	081	INSTITUTO O'HIGGINS
082	FRANCISCO BERMUDEZ	083	DEPTO. HIDRAULICA
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 MARCOV	091	CIA EXPLOTADORA ISLA DE PASCUA
092	GUILLERMO 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 CHACABUO
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 AZUFRERA 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 HOLTEHUEER 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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CHL	Chile (except Easter Island)		
193	CIA AZUFRERA 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		

CHN	China		
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- A** MINISTRY OF POSTS AND TELECOMMUNICATIONS
RADIO REGULATORY DEPARTMENT
13 WEST CHANG AN AVE.
BEIJING 100804
CHINA (PEOPLE'S REPUBLIC OF)
EMAIL: zpliu@mii.gov.cn
TELEFAX: +86 10 66011370
TELEX: 085 222187 PTDEX CN
- B** MINISTERE DES AFFAIRES ETRANGERES,
HELSINKI
- C** NATIONAL POST AND TELECOM AGENCY
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 54 40777 RADCON S
- D** NATIONAL TELECOM AGENCY
COORDINATION DIVISION
HOLSTEINSGADE 63
DK - 2100 KOBENHAVN O
DENMARK
TELEX: 055 31100 NTA DK
- F** FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC
FREQUENCY OFFICE
ARSENAL, OBJEKT 22, POB 79
A-1103 WIEN / AUSTRIA
TELEX: 131 800 MONI A
- G** MINISTRY OF INDUSTRY AND INFORMATION TECHNOLOGY
THE PEOPLE'S REPUBLIC OF CHINA
13, WEST CHANG'AN AVE,
BEIJING 100804
CHINA
- | | | | |
|------------|---|------------|---|
| 001 | MINISTRY OF POSTS AND
TELECOMMUNICATIONS | 002 | GENERAL ADMINISTRATION OF CIVIL
AVIATION OF CHINA |
| 003 | NATIONAL BUREAU OF OCEANOGRAPHY | 004 | MINISTRY OF COMMUNICATIONS |
| 005 | STATE BUREAU OF AQUATIC PRODUCTS | 006 | BROADCASTING ADMINISTRATION BUREAU
(B.A.B.) |
| 007 | SWEDISH GOVERNMENT | 008 | CENTRAL METEOROLOGICAL SERVICE |
| 009 | AMBASSADE DE FINLANDE | 010 | ACADEMY OF SCIENCES OF CHINA |
| 011 | AGENCIES OF TAIWAN PROVINCE | 012 | MINISTRY OF PETROLEUM INDUSTRY |
| 013 | CHINA TELECOMMUNICATIONS BROADCAST
SATELLITE CO. | 014 | APT SATELLITE CO. LTD. |
| 015 | BEIJING SIANGYU SPACE TECHNOLOGY
COMPANY | 025 | DANISH GOVERNMENT |
| 026 | OSTERREICHISCHE BOTSCHAFT | 028 | CHINA ORIENT TELECOMM SATELLITE
COMPANY LIMITED |
| 029 | CHINA ELECTRIC SYSTEM ENGINEERING
COMPANY | 030 | CHINA NATIONAL TECHNICAL SERVICE
COMPANY FOR SURVEYING |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CHN	China	
031	NEW STAR SATELLITE COMPANY LIMITED	032 ASIA SATELLITE TELECOMMUNICATIONS CO. LTD.
033	SINO SATELLITE COMMUNICATIONS COMPANY LIMITED	034 ACADEMY OF BROADCASTING PLANNING, NRTA OF CHINA
035	CHINA CENTER FOR RESOURCES, SATELLITE DATA & APPLICATION	036 BLMIT BEIJING LANDVIEW MAPPING INFORMATION TECHNOLOGY CO., LTD.
037	CHINA SATELLITE COMMUNICATIONS CO., LTD (CHINA SATCOM)	038 THE OFFICE OF CHINA NATIONAL COMMITTEE FOR DISASTER REDUCTION
039	LUNAR EXPLORATION PROGRAM CENTER OF CHINA NATIONAL SPACE ADMINISTRATION	040 CENTER FOR SPACE SCIENCE AND APPLIED RESEARCH, CHINESE ACADEMY OF SCIENCES
041	CHINESE RADIO SPORTS ASSOCIATION	042 STATE BUREAU OF SURVEYING AND MAPPING
043	CHINA GREAT WALL INDUSTRY CORPORATION	044 CHINA ACADEMY OF SPACE TECHNOLOGY
045	CENTER OF EARTH OBSERVATION SYSTEM ENGINEERING	046 RADIO ASSOCIATION OF CHINA
047	CHINA EARTHQUAKE ADMINISTRATION (CEA)	048 CHINA ASIA-PACIFIC MOBILE TELECOMMUNICATIONS SATELLITE CO. LTD. (CHINA APMT)
049	BEIJING XINWEI TECHNOLOGY CO. LTD	050 CHINA AEROSPACE SCIENCE AND INDUSTRY CORPORATION (CASIC)
051	BEIJING SPACEKEY TECHNOLOGY CO. LTD.	052 DESAT
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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CHN	China		
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	132	KCHARF (HANGZHOU) SCIENCE AND TECHNOLOGY CO., LTD.
133	SHAANXI SILK ROAD SPACE MAP SATELLITE TECHNOLOGY CO., LTD.	134	CHINA SATELLITE NETWORK GROUP CO., LTD.
135	SHANGHAI SPACE TECHNOLOGY CO., LTD.	136	SHANGHAI ASES SPACEFLIGHT TECHNOLOGY CO., LTD.
137	INNOVATION ACADEMY FOR MICROSATELLITES OF CAS	138	FUJIAN OCEAN-SKY SILKROAD TECHNOLOGY CO., LTD.
139	XINGYI SPACE TECHNOLOGY CO., LTD	140	SHUIFA GUANGYIN INFORMATION TECHNOLOGY (SHANDONG) CO., LTD
141	BEIJING NO. 101 MIDDLE SCHOOL	142	BEIJING TOPSKY TECHNOLOGY COMPANY LTD.
143	NATIONAL ASTRONOMICAL OBSERVATORIES, CHINESE ACADEMY OF SCIENCES	144	DALIAN UNIVERSITY OF TECHNOLOGY (DUT)
145	SHANGHAI GANGHANGKE SPACE TECHNOLOGY LIMITED (GHK)	146	BEIJING AZSPACE TECHNOLOGY CO., LTD.
147	CSPACE INTELLIGENT TECHNOLOGY CO., LTD.	148	AIRSAT (ShanDong) Technology Group Co., Ltd.
149	STAR. VISION HANGZHOU LTD.	150	CANGYU SPACE-BASED INFORMATION AND COMMUNICATION TECHNOLOGY (BEIJING) COMPANY LIMITED
151	HONG KONG AEROSPACE SATELLITE TRACKING AND CONTROL LIMITED	152	BEIJING INTERSPACE EXPLORE COMPANY CO., LTD.
153	TIANJIN YUNYAO AEROSPACE TECHNOLOGY CO., LTD	154	AEROSPACE SCIENCE AND INDUSTRY HAIYING GROUP CO., LTD.
155	ZHUHAI MUST SCIENCE AND TECHNOLOGY RESEARCH INSTITUTE	156	TIANJIN SATCOM GEOHE TECHNOLOGIES CO., LTD
157	TECHNOLOGY AND ENGINEERING CENTER FOR SPACE UTILIZATION CHINESE ACADEMY OF SCIENCES	158	XI'AN INSTITUTE OF OPTICS AND PRECISION MECHANICS CAS AEROSPACE SCIENCE AND TECHNOLOGY CO., LTD
159	BEIJING ZHONGKE SHENLIAN SPACE TECHNOLOGY CO., LTD	160	WESEE TECHNOLOGY CO., LTD.
161	ROCKETPI (BEIJING) AEROSPACE TECHNOLOGY CO., LTD	162	SU ZHOU ARGO SPACE TECHNOLOGY CO., LTD
163	BEIJING GNSSPACE TECHNOLOGY CO., LTD	164	LU HAI KONG JIAN (LHKJ) INFORMATION TECHNOLOGY CO., LTD.
165	NANJING YINGLONG SATELLITE TECHNOLOGY, CO., LTD,	166	SHANGHAI SPACECOM SATELLITE TECHNOLOGY LTD
167	NINGBO ZHIHUI SPACE TECHNOLOGY CO., LTD	168	UNIAEROSPACE TECHNOLOGY CO., LTD
169	THE EARTH EYE CO., LTD	170	HARBIN INSTITUTE OF TECHNOLOGY AT WEIHAI (HITWH)
171	STARWIZ TECHNOLOGY CO., LTD	172	QINGDAO GUOCETIANTU TECHNOLOGY CO., LTD.
173	BEIJING CENTRAL HEAVEN TECHNOLOGY CO. LTD.	174	MEISHAN HUANTIAN WISDOM TECHNOLOGY CO. LTD.
175	SHENZHEN UBINEXUS TECHNOLOGY CO., LTD.	176	YANGTZE RIVER DELTA RESEARCH INSTITUTE OF NPU, TAICANG
177	SHANGHAI LANDSPACE HONGQING TECHNOLOGY CO., LTD	178	GUANGZHOU QIXINOS TECHNOLOGY CO., LTD.
179	BEIJING FUTURE CARBON STAR SPACE TECHNOLOGY CO., LTD	180	BEIJING GUOYU SPACE TECHNOLOGY CO., LTD
181	SONAR ASTRO TECHNOLOGY CO., LTD	182	DEEP SPACE EXPLORATION LABORATORY
183	HAGONGDA SATELLITE LASER COMMUNICATION CO., LTD	184	TIANXIELI SATELLITE TECHNOLOGY CO., LTD
185	BEIJING MAIAR TECHNOLOGY CO., LTD.	186	ASIA-PACIFIC NAVIGATION TELECOMMUNICATION SATELLITE (HONG KONG) LIMITED.
187	JIANGHUAI FRONTIER TECHNOLOGY COORDINATION AND INNOVATION CENTER	188	HEBEI JIXIANGTONG ELECTRONIC TECHNOLOGY CO.,LTD.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CHN	China
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189	BEIJING GALACTIC ENERGY EQUIPMENT TECHNOLOGY CO., LTD.	190	XIAMEN TIANWEI TECHNOLOGY CO., LTD
191	BEIJING LASER STARCOM SCIENCE& TECHNOLOGY CO.,LTD		

CHR	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		
001	DEPARTMENT OF CIVIL AVIATION	002	DEPARTMENT OF TERRITORIES
003	BRITISH PHOSPHATE COMMISSIONERS	004	OVERSEAS TELECOMMUNICATIONS COMMISSION

CKH	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		
001	TELECOM CORP. OF NZ LTD	004	SHIPPING COMPANIES
006	NEW ZEALAND GOVERNMENT		

CLM	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		
001	SHELL COLOMBIA, S.A., BOGOTA	002	EMPAQUES BATES
003	TEXAS PETROLEUM CO., BOGOTA	004	BANCO DE LA REPUBLICA, BOGOTA
005	INCORA	006	CONSORCIO DE INGENIEROS
007	INDUSTRIA COLOMBIANA DE LLANTAS, S.A. (ICOLLANTAS, BOGOTA)	008	EJERCITO NAL
009	INTERCOL	010	CAYMAN CORPORATION
011	EMPRESA NACIONAL DE TELECOMUNICACIONES (TELECOM) BOGOTA	012	MINISTERIO DE COMUNICACIONES, DIRECCION GENERAL DE RADIOCOMUNICACIONES, BOGOTA
013	AEROTRANSPORTE DEL AMAZONAS	014	AEROSERVICIO AGRICOLA LTDA.
015	CARLOS ALIRIO NAVARRO HERRAN	016	LA VOZ DE COLOMBIA S.A., BOGOTA
017	AEROVIAS NACIONALES DE COLOMBIA (AVIANCA) BOGOTA	018	COLOMBIA PETROLEUM COMPANY Y SOUTH AMERICAN GULF OIL CO., CARTAGENA
021	RADIO CONTINENTAL S.A., BOGOTA	022	COLTEJER, MEDELLIN
023	MERCADOTECNIA AGROPECUARIA	024	SOCIEDAD AERONAUTICA (SAM), MEDELLIN
025	I.C.A.	026	CAJA DE CREDITO AGRARIO, BOGOTA
027	CERVECERIA UNION, MEDELLIN	028	EMISORA METROPOLITANA, BOGOTA
029	FEDERACION GANADEROS DE LLANOS	030	PALMAS OLEAGINOSAS S.A.
031	FRANCISCO FUENTES CAYCEDO	032	SANTIAGO OLAMPO ZULUAGA
033	INGESCO LTDA.	034	ALFONSO GAVIRIA ALVAREZ
035	RADIO SANTA FE, BOGOTA	036	RADIO EL SOL, CALI
037	FED. NAL. ALGODONEROS	038	PASTAS EL DORADO LTDA.
039	ARTURO RUIZ GALLEGO	040	JORGE IVAN MESA MACHADO
041	OMAR CAMPO MONTOYA	042	SOCIEDAD HACIENDA LA PLAYA
043	TAXI AEREO EL LLANA	044	DEPARTAMENTO ADMINISTRATIVO DE AERONAUTICA CIVIL

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CLM	Colombia		
045	FERROCARRIL DEL ATLANTICO, BARRANQUILLA	046	RICHMOND PETROLEUM CO., BOGOTA
047	MINISTERIO DE JUSTICIA, BOGOTA	048	JUAN MANUEL GUTIERREZ LACOTURE
049	PONTIFICIA UNIVERSIDAD BOLIVARIANA, MEDELLIN	050	MINISTERIO DE GUERRA
051	DEPARTAMENTO ADMINISTRATIVO DE SEGURIDAD (DAS), BOGOTA	052	ZAPATA Y VELASQUEZ LTDA.
053	ROSA CARDONA DE OSPINA	054	INGENIEROS ASOCIADOS LTDA.
055	PROMEXCOL LTDA.	056	HULLERA SAN FRANCISCO, CALI
057	COMP. MARMOLES Y CEMENTOS NARE, BOGOTA	058	EMISORA NUEVA GRANADA, BOGOTA
059	GUILLERMO CALDERON NIETO	060	LA VOZ DEL RIO CAUCA, CALI
061	LA VOZ DE BOGOTA, BOGOTA	062	LA VOZ DEL TOLIMA, IBAGUE
063	LA VOZ DEL CAFE, PEREIRA	064	EMISORA MIL VEINTE, BOGOTA
065	RADIO MIRAMAR, CARTAGENA	066	RADIO VILLAVICENCIO, VILLAVICENCIO
067	LA VOZ DEL SINU, MONTERIA	068	RADIO POPULAR, BOGOTA
069	ECOS DE OCANA	070	RADIO SAN EUGENIO, SANTA ROSA DE CABAL
071	RADIO BARRANCABERMEJA, BARRANCABERMEJA	072	LA VOZ DE ANSERMA, ANSERMA
073	RADIO BUENAVENTURA, BUENAVENTURA	074	RADIO LUZ, MANIZALES
075	ONDAS DEL GUALI, HONDA	076	PREGONES DEL QUINDIO, ARMENIA
079	RADIO GARZON, GARZON	080	RADIO ARMERO, ARMERO
081	ESCUELAS RADIOFONICAS SUTATENZA, BOGOTA	082	RADIO SEVILLA, SEVILLA
083	LA VOZ DE PAMPLONA, PAMPLONA	085	COMPANIA COLOMBIANA DE TABACO, BOGOTA
086	OLEODUCTO DE CUNDINAMARCA, BOGOTA	087	CENTRAL HIDROELECTRICA DE ANCHICAYA, CALI
088	OLEODUCTO DEL PACIFICO, CALI	089	RAMIRO RESTREPO
090	EFRAIN ALZATE	091	MINERA LAS BRISAS S.A.
092	FERNANDO URIBE	093	ESSO COLOMBIANA S.A., BOGOTA
094	DARIO VELEZ CORREA	095	GONZALO URIBE VANEGAS
096	CENTRAL HIDROELECTRICA DE CALDAS, MANIZALES	097	GANADERIA LA PRIMAVERA
098	ARTURO GARCIA GARCIA	099	INDUSTRIAS COLOMBO-BRITANICAS, BOGOTA
100	ALICACHIN, BOGOTA	101	TULIO BOTERO ARELLANO
102	ALBERTO VILLEGAS ZULUEGA	103	GERMAN SALDARRIAGA DEL VALLE
104	INVERSIONES AGROPECUARIAS URREA	105	INGENIO MAYAGUEZ, BOGOTA
106	FRONTINO GOLD MINES, MEDELLIN	107	VICTOR A. BALLESTERO
108	LOFFLAND BROTHERS DE VENEZUELA	109	EMPRESA COLOMBIANA DE PETROLEOS (ECOPELROL), BOGOTA
110	MARIO FLOREZ CAMERO	111	DUQUE Y CIA.
112	COLOMBIANA DISTRIBUIDORES DE COMBUSTIBLES (CODI), BOGOTA	113	COMPANIA COLOMBIANA DE CERAMICA, BOGOTA
114	DIOCESIS DE MAGANGUE	115	AGROPECUARIA S. ANTONIO
116	CLEMENTE CHAVES J.	117	FERROCARRIL DE ANTIOQUIA, MEDELLIN
118	TRASANDINA DE CONSTRUCCIONES	119	IBERIA FEDERICO ANGELE-HIJOS
120	MARIO MERIZALDE SOTO	121	JORGE DANGON DAZA
122	INSTITUTO BARRAQUER DE AMERICA	123	CARLOS BOTERO
124	LOCERIA COLOMBIANA S.A., BOGOTA	125	JOSE ANTONIO FRANCO
126	BEATRIZ JARAMILLO DE JARAMILLO	127	COLMINAS
128	RAMIRO CALLE CALLE	129	TRANSMISORA DE LA INDEPENDENCIA, TUNJA
130	RADIO MANIZALES, MANIZALES	131	RADIO RENACIMIENTO, BOGOTA
132	RADIOTELEVISORA NACIONAL, BOGOTA	133	EMISORAS UNIDAS, BARRANQUILLA
134	RADIO TRICOLOR, BOGOTA	135	LA VOZ DE BARRANQUILLA, BARRANQUILLA
136	LA VOZ DE ANTIOQUIA, MEDELLIN	137	ECOS DE PASTO, PASTO
138	EMISORA NUEVO MUNDO, BOGOTA	139	VOCES DE OCCIDENTE, BUGA
140	RADIO VISION, MEDELLIN	141	LA VOZ DE LA VICTOR, BOGOTA
142	LA VOZ DE CALI, CALI	143	RADIO SINFONIA, MEDELLIN
144	EMISORA FUENTES, CARTAGENA	145	RADIO ECO, CALI
146	LA VOZ DE MEDELLIN, MEDELLIN	147	RADIO KALAMARY, BARRANQUILLA
148	EMISORA CLARIDAD, MEDELLIN	149	RADIO PACIFICO, CALI
150	RADIO MELODIA, BOGOTA	151	LA VOZ DEL TRIUNFO
152	EMISORA ATLANTICO, BARRANQUILLA	153	TRANSMISORA CALDAS, MANIZALES
154	RADIO MUSICAL, CALI	155	RADIO RELOJ, MEDELLIN
156	VOZ DE ARMENIA, ARMENIA	157	RADIO RELOJ, BARRANQUILLA
158	ONDAS DEL VALLE, CARTAGO	159	LA VOZ DE CUCUTA, CUCUTA
160	RADIO RELOJ, BOGOTA	161	LA VOZ DEL PUEBLO, PEREIRA
162	RADIO RELOJ, CALI	163	EMISORA RIOMAR, BARRANQUILLA
164	ECOS DE LA MONTANA, MEDELLIN	165	RADIO CARTAGO, CARTAGO
166	RADIO BUCARAMANGA, BUCARAMANGA	167	RADIO GIRARDOT, GIRARDOT
168	RADIO CRISTAL, MEDELLIN	169	LA VOZ DEL VALLE, CALI
170	EMISORA SURAMERICA, BOGOTA	171	LA VOZ DE SANTA MARTA, SANTA MARTA
172	VILLA DE CESPEDES, TULUA	173	EMISORA NUEVA EPOCA, FUSAGASUGA
174	RADIO SANTANDER, BUCARAMANGA	175	RADIO NUTIBARA, MEDELLIN
176	RADIO CORDOBESA, MONTERIA	178	RADIO INDUSTRIAL, BOGOTA
179	LA VOZ AMIGA, PEREIRA	180	RADIO NEIVA, NEIVA
181	RADIO MODELO, BOGOTA	182	LA VOZ DEL COMERCIO, ARMENIA
183	RADIO VIGIA, BARRANQUILLA	184	EMISORA ECOS DEL COMBEIMA, IBAGUE

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

CLN Sri Lanka

- A** TELECOMMUNICATIONS REGULATORY COMMISSION OF SRI LANKA
276, ELVITIGALA MAWATHA
MANNING TOWN, COLOMBO 8
DEM. SOCIALIST REPUBLIC OF SRI LANKA
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TELEFAX: +94 11 2689341
TELEX: 0803 22048 TRCSL CE
EMAIL: DGTSL@SLT.LK
- B** INTERNATIONAL FREQUENCY COORDINATION
SPACE SERVICES UNIT
OFCOM
2A SOUTHWARK BRIDGE ROAD
LONDON SE1 9HA
EMAIL: ifc.enquiries@ofcom.org.uk
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CLN	Sri Lanka		
C	TELECOMMUNICATION DEPARTMENT, MALE		
G	A.H.Q., NEGOMBO		
001	CEYLON OVERSEAS TELECOMMUNICATIONS SERVICE	002	UNITED KINGDOM GOVERNMENT
003	DEPARTMENT OF METEOROLOGY, CEYLON	004	DEPARTMENT OF POSTS AND TELECOMMUNICATIONS
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		
CME	Cameroon		

- 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 - CAMEROON 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 CAMEROON 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 CAMEROON | 022 | RESEAUX OUVERTS AU PUBLIC |
| 023 | RESEAUX PRIVES | | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CNR	Canary Islands
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- A** 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
- | | |
|---|---|
| 001 ORGANISMO AUTONOMA DE CORREOS Y TELEGRAFOS (O.A.C.T) | 002 EMACON |
| 003 J.U.S.M.G. | 004 TELEFONICA DE ESPANA, S.A. (TESA) |
| 005 DIRECCION GENERAL DE SEGURIDAD | 006 AEROPUERTOS ESPANOLES Y NAVEGACION AEREA (AENA) |
| 007 DIRECCION GENERAL DE LA GUARDIA CIVIL | 008 ESTADO MAYOR DEL AIRE |
| 009 CORPORACION DE PRACTICOS | 010 INSTITUTO NACIONAL DE TECNICA AERONAUTICA (I.N.T.A.) |
| 011 SUBSECRETARIA DE PESCA Y MARINA MERCANTE | 012 RETEVISION |
| 013 DIRECCION GENERAL DE PUERTOS Y COSTAS | 014 RADIOTELEVISION ESPANOLA (RTVE) |
| 015 INSTITUTO NACIONAL DE METEOROLOGIA (I.N.M) | 016 EUROPEAN SPACE AGENCY (E.S.A.) |
| 017 HISPASAT, S.A. | 018 RADIO TELEVISION ESPANOLA (RTVE) |
| 019 OTROS ORGANISMOS EXPLOTADORES | |

COD	Dem. Rep. of the Congo
------------	------------------------

- A** 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
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- B** UNITED NATIONS
FOR THE ATTENTION OF THE CHIEF
OF TELECOMMUNICATIONS OPERATIONS SECTION
ROOM S2035
NEW YORK NY10017
UNITED STATES
TELEX: 023289696
- C** THE SECRETARY GENERAL
MINISTRY OF ROADS AND COMMUNICATIONS
11111 KHARTOUM
REPUBLIC OF THE SUDAN
TELEFAX: +249 11 780507
TELEX: 098422299 GENTL SD
- D** NATIONAL POST AND TELECOM AGENCY
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 05440777 RADCON S
- | | |
|--|--------------------------------------|
| 001 PRIVE | 002 GOUVERNEMENT |
| 003 GOUVERNEMENT DE LA SUEDE | 004 ARMEE NATIONALE |
| 005 DIRECTION D'EXPLOITATION TELECOMS.
B.P. 9671, KINSHASA | 006 REGIE DES VOIES MARITIMES |
| 029 OFFICE DES TRANSPORTS | 037 UNITED NATIONS |
| 038 EMBASSY OF THE REPUBLIC OF THE SUDAN | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

COG	Congo (Rep. of the)
------------	---------------------

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

COM	Comoros
------------	---------

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

CPV	Cape Verde
------------	------------

- A** AGENCIA NACIONAL DAS COMUNICAÇÕES - ANAC
DE INFORMAÇÃO (ICTI)
P.O BOX 07
PRAIA
CABO VERDE (RÉPUBLIQUE DE)
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TELEFAX: +238 61 3069
- | | |
|---|---|
| 001 AERONAUTICA CIVIL, SAL | 002 CORREIOS E TELECOMUNICACOES |
| 003 C.P.R. MARCONI, LISBOA | 005 RADIO CLUBE SAO FILIPE, S FILIPE |
| 006 RADIO VOZ DE S VICENTE, MINDELO | 007 TRANSPORTES AEREOS DE CABO VERDE,
PRAIA |
| 008 BUETEC, CONSULTORIA E SERVICO TECNICO,
SOCIEDADE UNIPESSOAL, LDA. | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CTR	Costa Rica
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A	MINISTERIO DE CIENCIA, TECNOLOGIA Y TELECOMUNICACIONES VICEMINISTERIO DE TELECOMUNICACIONES SAN JOSE 10101 COSTA RICA EMAIL: internacionales@micit.go.cr PHONE: +506 2211 1200	
001	COMPANIA RADIOGRAFICA INTERNACIONAL DE COSTA RICA	002 SERVICIO DE GOBIERNO
003	PAN AMERICAN AIRWAYS OF COSTA RICA	004 BANCO NACIONAL DE COSTA RICA
005	TACA INTERNATIONAL AIRLINES	006 ORTIZ Y JIMENEZ LTD.
007	LACSA	008 EMBAJADA DE NICARAGUA
009	EDUARDO MARTINEZ J.	010 JORGE CASTRO C.
011	ARNOLDO VARGAS V.	013 LEONEL PINTO
014	MINISTERIO AGRICULTURA	015 ROGER BARAHONA G.
016	CARLOS ALFARO MCADAM	017 RAMON AGUILAR V.
018	ANTONIO MUROLO C.	019 MARIO SOTELA
020	UNIVERSIDAD DE COSTA RICA	021 GUILLERMO SAENZ O.
022	ANTONIO FCO. CANAS I.	023 RICARDO CASTRO CANAS
024	J. F. LA FUENTE C.	025 ORLANDO SOTELA M.
026	CARLOS E. CORDOBA	027 PRBO. A. TROYO
029	ASOC. IGLESIAS BIBLICAS	030 PEDRO ARGUELLO C.
031	GUILLERMO GRILLO O.	032 OSCAR TORRES R.
033	LUIS GRAU VILLALOBOS	034 ENRIQUE CARVAJAL A.
035	ROGER SOBRADO	036 MON. CARLOS H. RODRIGUEZ
037	SAMUEL BERMUDEZ J.	038 ARMANDO CESPEDES A.
039	VICTOR VIQUEZ H.	040 PRBO. GONZALO JIMENEZ A.
041	MARCO A. MUNOZ	042 HECTOR R. CARAZO
043	DANILO CASTRO C.	044 LINEAS AEREAS COSTARRICENSES S.A.
045	RADIO RUMBO LTD.	046 HECTOR FERLLINI SALAZAR
047	INSTITUTO COSTARRICENSE DE ELECTRICIDAD SABANA APDO,10032 S JOSE,COSTA RICA	048 ASOCACION DE COMUNICACIONES FARO DEL CARIBE
049	ASOCIACION COSTARRICENSE DE INFORMACION Y CULTURA	050 ASOCIACION DE CRISTO ELIM
051	ASOCIACION RADIO MARIA	052 ASOCIACION RADIO MUNDIAL ADVENTISTA
053	BEEPERMATIC DE COSTA RICA SA	054 CADENA DE EMISORAS COLUMBIA SA
055	CARACOSTA SA	056 CENTRO AMERICANA DE VENTAS SA
057	CONFERENCIA EPISCOPAL DE COSTA RICA	058 DEPORTES UNIDOS SA
059	DIFUSORA RASACA SA	060 FUNDACION CIUDADELAS DE LIBERTAD
061	GUIRIBIZO DE COSTA RICA SA	062 HERNAN FALLAS FALLAS
063	HERRERA TROYO S.A	064 INSTITUTO COSTARRICENSE DE ENSEÑANZA RADIOFONICA
065	JOSE RODOLFO TRAUBE ZAMORA	066 LAS FRECUENCIAS SA
067	LAS TEMPORALIDADES DE LA DI6SECIS DE SAN ISIDRO DEL GENERAL	068 LUIS GUSTAVO JIMENEZ RAMIREZ
069	MANUEL ANGEL QUESADA CAMPOS	070 MARCOSA M Y V S A.
071	MOTOS JAWA DE COSTA RICA S.A.	072 RADIO CASINO S.A.
073	RADIO CIMA SA	074 RADIO INTEGRIDAD R1 SA
075	RADIO INTERCONTINENTAL S.A.	076 RADIO MIL S.A.
077	RADIO MONUMENTAL SA	078 RADIO NICOYA S.A
079	RADIO OCHENTA Y OCHO ESTEREO SA	080 RADIO PAMPA S.A
081	RADIO RUMBO	082 RADIO UINIVERSIDAD
083	RADIO VICTORIA LTDA	084 ROBERTO HERNANDEZ RAMIREZ
085	ROGER BARAHONA & HERMANOS SA	086 SISTEMA NACIONAL DE RADIO Y TELEVISION S.A.
087	SOCIEDAD CENTRAL DE RADIOS COR, SA	088 SOCIEDAD PERIODISTICA EXTRA LIMITADA
089	SOCIEDAD PRODUCCIONES CASTRO SA	090 TEMPORALIDADES DE LA ARQUIDIOCESIS DE SAN JOSE
091	TEMPORALIDADES DE LA IGLESIA CATOLICA DIOCESIS DE LIMON	092 TEMPORALIDADES DE LA IGLESIA CATOLICA DIOCESIS DE CIUDAD QUESADA
093	TERRA DOS DE SAN JOSE SA	094 THE WORLDWIDE UNIVERSITY NETWORK RADIO OF COSTA RICA SA
095	TRECE OCHENTA RADIO GUANACASTE SA	096 UNIVERSIDAD DE COSTA RICA
097	VIASA DE COSTA RICA SA	098 ASOCIACION DE COMUNICACIONES FARO DEL CARIBE ASOCIACION IGLESIA
099	COSTARRICENSE DE LOS ADVENTISTAS DEL SETIMO DIA (ASOCIACION RADIO LIRA)	100 ASOCIACION INSTITUTO COSTARRICENSE DE ENSEÑANZA RADIOFONICA
101	B.B C. RADIO S.A.	102 BEEPERMATIC DE COSTA RICA S.A.
103	CADENA MUSICAL S.A.	104 CARLOS UMANA ROJAS (SENDAS FRECUENCIA MODULADA DE VIDA S.A)
105	COMPANIA NACIONAL DE RADIODIFUSION LTDA	106 COMPANIA RADIOFONICA AZUL S.A. (RADIOFONICA AZUL S.A.)

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CTR	Costa Rica
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213 MINISTERIO DE SEGURIDAD PUBLICA DE
COSTA RICA

CUB	Cuba
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A DIRECCION DE CONTROL DEL ESPECTRO RADIOELECTRICO
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001 SWEDISH GOVERNMENT
003 EMTELCUBA
005 U.S. GOVERNMENT

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

CUW	Curaçao
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P.O. BOX 450
9700 AL GRONINGEN
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PHONE: +31 50 58 77 555
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CVA	Vatican
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A GOVERNATORATO - SECRETARIAT GENERAL
V-00120 CITTA' DEL VATICANO
VATICAN CITY STATE
EMAIL: segreteria.generale@scv.va
PHONE: +39 06 69890150
TELEFAX: +39 06 69885299
TELEX: 05042011 raddirtec va

001 ETAT DE LA CITE DU VATICAN

002 DIRECTION RADIO VATICAN

CYM	Cayman Islands
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OFCOM
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PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G

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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CYM	Cayman Islands
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003 CIVIL AVIATION DEPARTMENT **004** INTERNATIONAL AERADIO (CARIB) LTD.
005 I.A. (C) L, PORT OF SPAIN, TRINIDAD

CYP	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
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OF TELECOMMUNICATIONS OPERATIONS SECTION
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TELEFAX: +1 212 9631939
- 001** CYPRUS TELECOMMUNICATIONS AUTHORITY, **002** UNITED KINGDOM GOVERNMENT
NICOSIA
- 003** GOVERNMENT OF CYPRUS **004** UNITED NATIONS
006 CIVIL AVIATION DEPT., CYPRUS **007** MINISTRY OF INTERIOR, NICOSIA
008 MINISTRY OF COMMUNICATIONS AND WORKS **009** MINISTRY OF COMMUNICATIONS AND WORKS
(FOR THE ATTENTION OF CYPRUS
TELECOMMUNICATIONS AUTHORITY)
- 010** THE CYPRUS DEVELOPMENT BANK **011** HELLAS-SAT CONSORTIUM LIMITED
012 PIERIS AEROSPACE LIMITED **013** OVERHORIZON OHO 1 LIMITED
014 OLYMPUS SATELLITES LIMITED **015** AVANTI HYLAS 2 CYPRUS LTD
016 ASEAN KYPROS SATELLITES LTD **017** ETL (CYPRUS) LTD
018 ES 174E LTD **020** FUTURE GALACTIC SPACE RESOURCES LTD
021 GLOBEBAND ASSOCIATES LTD **022** ASHENTREE LIMITED

CZE	Czech Republic
------------	----------------

- A** CZECH TELECOMMUNICATIONS OFFICE
INTERNATIONAL RELATIONS DEPARTMENT
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CZECH REPUBLIC
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- B** NATIONAL POST AND TELECOM AGENCY
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S-102 49 STOCKHOLM
TELEX: 54 40777 RADCON S
- 001** MINISTRY OF ECONOMICS, PRAHA **002** MINISTRY OF TRANSPORT, PRAHA
003 CESKY ROZHLAS, CESKA TELEVIZE, PRAHA **004** GOVERNMENT OF THE SWEDEN
005 MINISTRY OF THE FOREIGN AFFAIRS, PRAHA **006** EMBASSY OF THE REPUBLIC OF TURKEY
007 DIPLOMATIC MISSIONS IN THE CZECH **008** INTERSPUTNIK
REPUBLIC

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

CZE	Czech Republic
009	CESASAT PARDUBICE - SATELLITE COMMUNICATION SYSTEMS
011	JAROSLAV LAIFR
010	ASTRONOMICAL INSTITUTE ASCR
012	PEKASAT SE
D	Germany

A FEDERAL NETWORK AGENCY FOR ELECTRICITY , GAS,
TELECOMMUNICATION, POST AND RAILWAYS
FREQUENCY MANAGEMENT
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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
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D - 55003 MAINZ
TELEFAX: +49 6131 185602
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C INTERNATIONAL FREQUENCY COORDINATION
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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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

D	Germany		
M	BUNDESNETZAGENTUR FUR ELEKTRIZITAT, GAS, TELEKOMMUNIKATION, POST UND EISENBAHNEN CANISIUSSTR. 21 D- 55122 MAINZ		
001	DEUTSCHE BUNDESPOST	002	DEUTSCHE BUNDESPOST (POLIZEI)
003	EUROPAEISCHE RUNDFUNK- UND FERNSEH- A.G. SAARBRUECKEN	004	WESTDEUTSCHER RUNDFUNK, KOELN
005	DEUTSCHE BUNDESPOST, BERLIN	006	SUEDEDEUTSCHER RUNDFUNK, STUTTGART
007	BAYERISCHER RUNDFUNK, MUENCHEN	008	HESSISCHER RUNDFUNK, FRANKFURT (MAIN)
009	SUEDWESTFUNK, BADEN-BADEN	010	NORDEUTSCHER RUNDFUNK, HAMBURG
011	UNITED STATES ARMY	012	LUFTTRANSPORT-UNTERNEHMEN G.M.B.H. UND CO.K.G. DUESSELDORF
013	IONOSPHAEREN-INSTITUT BREISACH	014	DEUTSCHES ZENTRUM FUER LUFT- UND RAUMFAHRT E.V. (DLR)
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 SUEDOST-WESTFALEN GMBH, BUEREN-AHDEN
031	FLUGHAFEN FRIEDRICHSHAFEN GMBH, FRIEDRICHSHAFEN 1	032	REGIONALFLUGHAFEN SUEDOST-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	GOVERNEMENT DE LA SUEDE	058	FLUGHAFENBETRIEBS-G.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-BETRIEBS GMBH, 2220 ST. MICHAELISDON	068	VIESMANN 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 ZWEIBRUECKEN	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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

D	Germany
<p>120 FLUGPLATZ MENGEN GMBH 122 FLUGHAFENGESELLSCHAFT MOENCHENGLADBACH GMBH 124 FLUGPLATZ BAUTZEN 126 FLUGPLATZ SPEYER / LUDWIGSHAFEN GMBH 128 FLUGPLATZ ALTENBURG NOBITZ GMBH 130 EUMETSAT, DARMSTADT 132 FLUGPLATZ MAGDEBURG GMBH 134 AUGSBURGER FLUGHAFEN GMBH 136 DEUTSCHE WELLE 138 ASTRIUM GMBH 140 JULIUS-MAXIMILIANS-UNIVERSITAET WUERZBURG COMPUTER SCIENCE VII: ROBOTICS AND TELEMATICS 142 UNIVERSITAET STUTTGART 144 STADOKO UG 146 FEDERAL AGENCY FOR CARTOGRAPHY AND GEODESY GEODETIC OBSERVATORY WETTZELL (GOW) 148 UNIVERSITAT WURZBURG 150 MAX-PLANCK-INSTITUT FUER ASTROPHYSIK 152 RUHR-UNIVERSITAT BOCHUM, ASTRONOMISCHES INSTITUT 154 LEIBNITZ-INSTITUT FUER ASTROPHYSIK 156 UNION AEROSPACE COMPONENTS 158 APUS TELECOM SATELLITE SERVICES GMBH 160 SAT4M2M COMMERCIAL GMBH 162 KEPLER COMMUNICATIONS 164 SWARM TECHNOLOGIES 166 AMAZON DEVELOPMENT CENTER GERMANY GMBH 168 GLOBALSTAR 170 ORORATECH 172 ISAR AEROSPACE TECHNOLOGIES GMBH 174 STARLINK GERMANY GMBH 176 UNIVERSITAET BW MUENCHEN 178 ANTARIS 180 QOSMOSYS 182 LAUNCHER 184 SKYKRAFT PTY LTD 186 ORBITAL ASTRONAUTICS UG 188 AIRBUS DEFENCE AND SPACE GMBH 190 CRYPTOSAT 192 SATORO PTE LTD 194 KACIFIC 196 DIGANTARA 198 TALOS 200 RAPID CUBES 202 OHB-SWEDEN 204 SPECTRUM AEROSPACE TECHNOLOGIES UG 206 RIVADA SPACE NETWORKS GMBH</p>	<p>121 FLUGHAFEN SYLT GMBH 123 OSTSEEFUGPLATZ BARTH 125 FLUGHAFEN SUED BRANDENBURG COTTBUS 127 FLUGHAFEN PARCHIM MECKLENBURG GMBH 129 FLUGHAFEN HERINGSdorf GMBH 131 FLUGHAFEN NEUBRANDENBURG, TROLLENHAGEN 133 FLUGHAFEN DORTMUND - WICKEDE GMBH 135 DORNIER SATELLITENSYSYSTEME GMBH, 88039 FRIEDRICHSHAFEN 137 MITTELDEUTSCHER RUNDFUNK 139 RAPIDEYE AG 141 TU DRESDEN, UNIVERSITY OF TECHNOLOGY 143 UNIVERSITAT MUNCHEN 145 INTELSAT 147 ZENTRUM FUR TELEMATIK E.V. 149 GERMAN ORBITAL SYSTEMS GMBH 151 THURINGER LANDESSTERNWARTE 153 UNIVERSITAT BIELEFELD, FAKULTAT FUR PHYSIK 155 ALBA ORBITAL 157 GOVERMENTAL - GENERAL 159 FRAUNHOFER EMI 161 LACUNA SPACE 163 TRSI 165 HUGHES NETWORK SYSTEMS GMBH 167 MOMENTUS 169 ROVIAL 171 SPACE PRODUCTS AND INNOVATION GMBH 173 LUNASONDE 175 BERLIN SPACE TECHNOLOGIES GMBH 177 SATELIOT 179 PAX 181 ROGUE SPACE 183 EPIC AEROSPACE 185 CONSTELLR GMBH 187 NUSPACE 189 NETRA 191 IMPULSE SPACE 193 NCKU 195 CYBEESAT 197 SPIRE GLOBAL GERMANY 199 PICOSATS 201 ASTRANIS 203 SPACE MACHINES COMPANY 205 AMAZON KUIPER GERMANY GMBH</p>
DGA	Diego Garcia

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TELEX: 051261969 DTI WBH G
- B** DEPARTMENT OF STATE,
WASHINGTON D.C. 20520
- 001** U.S. GOVERNMENT

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

DJI	Djibouti
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- A** DJIBOUTI TELECOM SA
3, BD G. POMPIDOU
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- B** MINISTERE DE LA CULTURE ET DE LA COMMUNICATION
CHARGE DES POSTES ET DES TELECOMMUNICATIONS
PORTE PAROLE DU GOUVERNEMENT
AV CHEIK OSMAN
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REPUBLIQUE DE DJIBOUTI
TELEFAX: +253 21 353957
EMAIL: mccpt@intnet.dj
PHONE: +253 21 353928
- | | |
|---|---|
| 001 FORCES TERRESTRES FRANCAISES | 002 MARINE FRANCAISE |
| 003 AERONAUTIQUE MILITAIRE FRANCAISE | 004 AVIATION CIVILE |
| 005 SOUS TUTELLE DJIBOUTI TELECOM SA | 006 DJIBOUTI TELECOM SA |
| 007 DIRECTION DES AFFAIRES MILITAIRES FRANCAISES | 008 CENTRE D'ETUDE ET DE RECHERCHE SCIENTIFIQUE DE DJIBOUTI (CERD) |
| 010 PORT DE DJIBOUTI SA | 011 DEFENSE NATIONALE |
| 012 ORGANISATIONS SOUS TUTELLE DJIBOUTI TELECOM SA | 013 RTD (RADIODIFFUSION TELEVISION DE DJIBOUTI) |
| 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 | 027 MINISTERE DE L'ENSEIGNEMENT SUPERIEUR ET DE LA RECHERCHE |

DMA	Dominica
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- A** MINISTRY OF COMMUNICATIONS, WORKS AND HOUSING
GOVERNMENT HEADQUARTERS
ROSEAU
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- | | |
|---|--|
| 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 | |

DNK	Denmark
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

DNK	Denmark		
B	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR		
C	DANISH BUSINESS AUTHORITY DAHLERUPS PAKHUS LANGELINIE ALLE 17 DK - 2100 COPENHAGEN TELEFAX: +45 3546 6001 PHONE: +45 3529 1000 EMAIL: fti@erst.dk		
D	DANISH ENERGY AGENCY AMALIEGADE 44 1256 COPENHAGEN DENMARK EMAIL: coordination@ens.dk PHONE: (+45) 33 92 67 00 TELEFAX: (+45) 33 11 47 43		
E	AGENCY FOR DATA SUPPLY AND INFRASTRUCTURE RENTEMESTERVEJ 8 2400 COPENHAGEN NV DENMARK EMAIL: coordination@sdfi.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, KOEENHAVN	008	DANSKE STATSBANER, KOEBENHAVN
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	HAVENKOMMISSIONEN, FREDERIKSHAVEN	014	GRENAA BYRAAD, GRENAA
015	MINISTERE DU COMMERCE, DE L'INDUSTRIE ET DE LA NAVIGATION, COPENHAGUE	016	HIRTSHALS HAVN, HIRTSHALS
017	KALUNDBORG FLYVEPLADS	018	BILLUND LUFTHAVN
019	HASLE BY	020	HERNING FLYVEPLADS
021	KOEENHAVNS FLYVEPLADS SKOVLUNDE	022	SVAEVEFLYVECENTRET ARNBORG
023	TELEFONVAERK FOEROYA LOEGTING, THORSHAVN	024	RADIOSKOLEN KLAKSVIK
025	WENDELBOE'S RADIOSKOLE	026	FLYVEVAABNETS KONSTABELSKOLE
027	BOHNSTEDT-PETERSEN A/S, HILLEROED	028	A/S AERO NORD INC., KASTRUP
029	RINGSTED SVAEVEFLYVEKLUB	030	EMBASSY OF THE REPUBLIC OF TURKEY
031	I/S STAUNING FLYVEPLADS	032	VESTJYDSK SVAEVEFLYVEKLUB
033	HOLSTEBRO KOMMUNE	034	SCANDINAVIAN AIRLINES SYSTEM
035	A/S CONAIR, KOEBENHAVN	036	STERLING AIRWAYS, KOEBENHAVN
037	VIBORG FLYVEPLADS	038	THISTED LUFTHAVN, HANSTHOLM
039	JAPAN AIR LINES KASTRUP	040	RINGSTED FLYVEPLADS, RINGSTED
041	FJORDUDVALGET, LEMVIG	042	COPENHAGEN AIRTAXI, SKOVLUNDE
043	FLYVEKLUBBEN AVIATOR, AALBORG	044	TELE DANMARK A/S
045	POLAROIL FAERINGEHAVN	046	SAMSOE FLYVEKLUB, TRANEBJERG SAMSOE
047	HORSSENS FLYVEKLUB	048	ALLEROED FLY - CENTER
049	MARIBO-ROEDBY FLYVEPLADS, ROEDBY	050	TIM FLYVEPLADS, TIM
051	SEABORD WORLD AIRLINES, KASTRUP	052	BIRKEROED FLYVEKLUB
053	LUFTHANSA, KOEBENHAVN	054	RANDERS KOMMUNE
055	KNIVHOLDT FLYVEPLADS, FREDERIKSHAVN	056	MAERSK AIR, DRAGOER
057	KOLDING FLYVEKLUB, VEJEN	058	VAMDRUP KOMMUNE
059	ESBJERG HAVN	060	GAARDSVIGGAARD FLYVEPLADS
061	LOT POLISH AIRLINES	062	VANDBYGNINGSVAESENENET
063	DANTHERM SKIVE	064	DELTA FLY, SKOVLUNDE
065	FA.SUPERLET, FAKSE	066	NORDALS FLYVEKLUB, NORDBORG
067	ANHOLT FLYVEPLADS APS	068	BERGOVIST HELIKOPTER-SERVICE
069	FINNAIR, KASTRUP	071	KOEENHAVNS PRIVATFLYVEPLADS
072	TELE DANMARK A/S	077	FISKERIMINISTERIET, KOEBENHAVN
181	NAVIGATIONS DIREKTORATET	182	MAERSK AIR, KASTRUP
183	ESBJERG KOMMUNE	184	NAKSKOV KOMMUNE
185	SKIVE FLYVEKLUB	186	DANSK UNDERGRUNDS CONSORTIUM
187	SOESUM FLYVEPLADS	188	DANISH GOVERNMENT
192	SINDAL KOMMUNE	193	SOENDERBORG KOMMUNE

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

DNK	Denmark		
194	BLUEAIR, DRAGOER	195	FAAREVEJLE FLYVEPLADS
196	MIDTFLY, SKJERN	197	HADERSLEV FLYVEPLADS I/S
198	FLIGHT ACADEMY	199	F-AIR, FREDERICA
200	SIEMENS DATA, BROENSHOJ	201	UNITED PILOTS A/S ROSKILDE
202	NORTH FLYING A/S ESBJERG	203	INTER FLIGHT AIR SERVICE, SKOVLUNDE
204	NORTHWEST AIRLINES INC. KASTRUP	205	KALI A/S VALBY
206	LEGO SYSTEM A/S BILLUND	207	SVENDBORG KOMMUNE
208	BOV KOMMUNE	209	DAN FLIGHT MUNDELSTRUP
210	LEMVIG KOMMUNE	211	LANDSVERKFOEDINGURIN, TORSHAVN
212	FORENEDE DANSKE MOTOREJERE, KOEBENHAVN	213	EMBASSY OF THE RUSSIAN FEDERATION, COPENHAGEN
441	CIMBER AIR	442	SOUTH AFRICAN EMBASSY, COPENHAGEN, DENMARK
443	NATIONAL SPACE INSTITUTE	444	EUROPEAN LUNAR EXPLORATION ASSOCIATION
445	GOMSPACE APS	446	AALBORG UNIVERSITY
447	AARHUS UNIVERSITY	448	AERIAL & MARITIME LTD
449	STERNULA APS	450	SPACE INVENTOR A/S
DOM	Dominican Rep.		

- A** INSTITUTO DOMINICANO DE LAS TELECOMUNICACIONES (INDOTEL)
 AV. ABRAHAM LINCOLN, NO. 962, 1RA PLANTA
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- | | | | |
|-----|---|-----|--|
| 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 |
| 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 |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

DOM	Dominican Rep.		
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 GUILLLEN 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 SUCESORES
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 EDUCATIVOS 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
139	NELSON RICHARDS OLIVO	140	NICOLAS DE JESUS, CARDENAL, LOPEZ RODRIGUEZ
141	NORBERTO E. MARINEZ Y SUCESORES	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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

DOM	Dominican Rep.		
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	SUCESORES 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.

E	Spain	
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A	MINISTERIO DE ECONOMIA Y EMPRESA DIRECCIÓN GENERAL DE TELECOMUNICACIONES Y ORDENACIÓN DE LOS SERVICIOS DE COMUNICACIÓN AUDIOVISUAL 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		
001	ORGANISMO AUTONOMO DE CORREOS Y TELEGRAFOS (O.A.C.T)	002	EMACON
003	J.U.S.M.G.	004	R.E.N.F.E.
005	INSTITUTO NACIONAL DE TECNICA AEROESPACIAL (I.N.T.A)	006	TELEFONICA DE ESPANA, S.A. (TESA)
007	DIRECCION GENERAL DE SEGURIDAD	008	ESTADO MAYOR DEL AIRE
009	DIRECCION GENERAL DE LA GUARDIA CIVIL	010	AEROPUERTOS ESPANOLES Y NAVEGACION AEREA (AENA)
011	TRANSMISIONES DEL EJERCITO DE TIERRA	012	RETEVISION
013	SERVICIO CONTRA-INCENDIOS AYUNTAMIENTO DE MADRID	014	EMPRESA MUNICIPAL DE TRANSPORTES DE MADRID
015	AGENCIA EFE	016	HIDROELECTRICA ESPANOLA
017	F.E.N.O.S.A.	018	HIDROELECTRICA IBERDUERO
019	FUERZAS ELECTRICAS DE CATALUNA	020	DIRECCION GENERAL DE PUERTOS Y COSTAS
021	COMPANIA SEVILLANA DE ELECTRICIDAD	022	ELECTRA DE VIESGO
023	EUROPEAN SPACE AGENCY (E.S.A.)	024	RADIO AMBIENTE MUSICAL
025	HIDROELECTRICA DEL CHORRO	026	INSTITUTO NACIONAL DE METEOROLOGIA (I.N.M)
027	SUBSECRETARIA DE PESCA Y MARINA MERCANTE	028	CONSORCIO NACIONAL ALMADRABERO
029	EMBAJADA DE FINLANDIA	030	UNITED STATES GOVERNMENT
031	HISPASAT, S.A.	032	RADIO TELEVISION ESPANOLA (RTVE)
033	OTROS ORGANISMOS EXPLOTADORES	107	EMBASSY OF THE REPUBLIC OF TURKEY
115	EMBAJADA SUECA EN MADRID	116	HISDESAT S.A.
117	INSTITUTO GEOGRAFICO NACIONAL	118	ONDAS MEDIA S.A.
119	DEIMOS IMAGING S.L.	120	IRAM (INSTITUTO DE RADIOASTRONOMIA MILIMETRICA)
121	OMNIACCESS S.L.	122	UNIVERSIDAD DE VIGO
123	DEIMOS	124	UNIVERSIDAD POLITECNICA DE CATALUNYA
125	AISTECH SPACE SL	126	AMSAT EA AMATEUR SATELLITE ESPANA
127	INSTITUTO UNIVERSITARIO DE MICROGRAVEDAD "IGNACIO DA RIVA"	128	SATELIO IOT SERVICES, S.L.
129	FOSSA SYSTEMS S.L.	130	SATLANTIS MICROSAT

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

E	Spain		
131	STARTICAL, S.L.	132	OPEN COSMOS EUROPE S.L.
133	GEOSAT SATELITES S.L.	134	AVS ADDED VALUE INDUSTRIAL ENGINEERING SOLUTION SLU
135	UNIVERSIDAD DE CADIZ	136	EMBEDDED INSTRUMENTS & SYSTEMS S.L. (EMXYS)
137	HYDRA SPACE SYSTEMS, S.L.		

EGY	Egypt
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C GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
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F EXTERNAL RELATIONS DEPARTMENT
MINISTRY OF COMMUNICATIONS
KUWAIT
TELEX: 0496 US PTT 22197 KT

G POST AND TELEGRAPHS
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001	TELECOMMUNICATIONS ORGANIZATION CAIRO	002	EMBASSY OF THE REPUBLIC OF TURKEY
003	SWEDISH GOVERNMENT	004	SUEZ CANAL COMPANY
005	EMBASSY OF THE STATE OF KUWAIT	010	CIVIL AVIATION
013	OVERSEAS TELECOMMUNICATION ADMINISTRATION, CAIRO	015	UNITED NATIONS
016	EGYPTIAN BROADCASTING, CIBROTEV, CAIRO	018	UNITED NATIONS TRUCE SUPERVISION ORGANIZATION
019	COASTGUARD ADMINISTRATION	020	PORTS AND LIGHTHOUSES ADMINISTRATION

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

EGY	Egypt		
021	EMBASSY OF THE REPUBLIC OF THE SUDAN	022	U.N. TRUCE SUPERVISION CAIRO
023	DANISH GOVERNMENT	024	MIDDLE EAST NEWS AGENCY, 4 SHERIFEIN ST., CAIRO
025	THE EGYPTIAN SATELLITE CO. NILESAT	026	NATIONAL AUTHORITY FOR REMOTE SENSING AND SPACE SCIENCES (NARSS)
027	MOD-EGYPT		
EQA	Ecuador		

- A** SR. PRESIDENTE DEL CONATEL
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- B** DIRECCION GENERAL DE AVIACION CIVIL
 QUITO
- C** AGENCIA DE REGULACION Y CONTROL DE LAS TELECOMUNICACIONES - ARCOTEL
- | | | | |
|------------|---|------------|--|
| 001 | RADIO NACIONAL DEL ESTADO | 002 | ALL AMERICAN CABLES |
| 003 | PANAGRA | 004 | RADIO INTERNACIONAL |
| 005 | NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION (N.A.S.A.) | 006 | CEMENTO NACIONAL |
| 007 | FERROCARRILES DEL ESTADO | 008 | DIARIO "EL SOL" |
| 009 | BANCO CENTRAL | 010 | THE TESALIA SPRING |
| 011 | DIARIO "EL UNIVERSO" | 012 | EMPRESA ELECTRICA QUITO |
| 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 TOMBAMBA | 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 |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

EQA	Ecuador		
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 LATACUNGA	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
162	RADIO CURARAY	163	RADIO CORDILLERA
164	RADIO LUZ Y VIDA	165	RADIO NOVEDADES
166	RADIO LA VOZ DE LOS QUIJOS	167	RADIO JUNIN
168	RADIO CENTINELA DEL SUR	169	RADIO LA VOZ DE GUAMOTE
170	RADIO LA VOZ DEL UPANO	171	RADIO ONDAS DE LOS PALTAS
172	RADIO TROPICANA	173	RADIO JUVENTUD
174	RADIO MAMBO	175	RADIO MUSICAL
176	RADIO EL TIEMPO	177	RADIO FIESTA
178	RADIO HUANCABILCA	179	RADIO CARRUSEL
180	RADIO JESUS DEL GRAND PODER	181	RADIO SUCRE
182	RADIO CANAL JUVENIL	183	RADIO MUNICIPAL
184	RADIO MELODIA	185	RADIO CENTENENARIO
186	RADIO LA PRENSA	187	RADIO NOTICIA
188	RADIO BOLIVAR	189	RADIO PUNTO 83
190	RADIO AMBATO	191	RADIO PILLARO
192	RADIO CRISTAL	193	RADIO LA VOZ DEL RIO GUAYAS
194	RADIO GEMAS	195	RADIO ESPECTACULO
196	RADIO ONDAS ORENSES	197	RADIO COLON
198	RADIO LA VOZ LIBERAL	199	RADIO KRONOS
200	RADIO IFESA	201	RADIO UN MUNDO MEJOR
202	RADIO LA VOZ DEL AGOYAN	203	RADIO ZARACAY
204	RADIO CONTINENTE	205	RADIO ONDAS DEL PACIFICO
206	RADIO TARQUI	207	RADIO CANAL ESTELAR
208	RADIO ROCAFUERTE	209	RADIO C.R.E.
210	ECUADORIAN LUMBER C.	211	RADIO FANTASIA
212	RADIO ALEGRIA	213	RADIO PELILEO
214	RADIO EXITO	215	RADIO CENTRO
216	RADIO INTI RAYMI	217	RADIO OMEGA
218	RADIO VIA	219	RADIO SUCESO
220	RADIO EXCELSIOR	221	RADIO TURISMO
222	RADIO CONTINENTAL	223	RADIO EL MUNDO
224	RADIO SIRA	225	RADIO MARANON
226	RADIO CENTRO RADIOFONICO DE INBABURA	227	RADIO METROPOLITANA
228	RADIO LA VOZ DEL LITORAL	229	RADIO CINE
230	RADIO LA VOZ DEL TRIUNFO	231	RADIO FESTIVAL
232	RADIO LA VOZ DEL ORO	233	RADIO NACIONAL EL ORO
234	RADIO SPORT	235	RADIO RELOJ
236	RADIO ECOS ANDINOS	237	RADIO IMPACTO
238	RADIO MERA	239	RADIO LA VOZ DEL MILAGRO
240	RADIO LA VOZ DE LOS LAGOS	241	RADIO INDEPENDENCIA

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ERI	Eritrea
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- A** 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
- | | |
|---|--|
| <p>001 ERITREAN POST AND TELECOMMUNICATIONS AUTHORITY</p> <p>005 ERITREAN AIRFORCE</p> <p>007 MINISTRY OF AGRICULTURE</p> <p>009 THE LUTHERAN WORLD FEDERATION</p> <p>012 KALEHIWET CHURCH OF ERITREA</p> <p>014 MINISTRY OF MINES ENERGY AND WATER RESOURCE</p> <p>016 FRENCH CONSULATE</p> <p>018 ERITREAN NAVY</p> <p>021 COMMISSION FOR ERITREAN REFUGEE AFFAIRS</p> <p>023 VOICE OF THE BROAD MASSES OF ERITREA</p> <p>026 ERITREAN ELECTRIC AUTHORITY</p> <p>028 ERITREAN SHIPPING LINES</p> <p>030 POST AND MARINE TRANSPORT AUTHORITY</p> <p>040 CUSTOMS HEAD OFFICE</p> <p>048 NATIONAL TRANSPORT CORPORATION</p> | <p>004 ERITREAN AIRLINES</p> <p>006 DESERT LOCUST CONTROL</p> <p>008 MINISTRY OF INFORMATION AND CULTURE</p> <p>011 INTEGRATED FOOD SECURITY PROJECT</p> <p>013 SUDAN AIRWAYS</p> <p>015 NORWEGIAN ASSOCIATION OF THE BLIND AND PARTIALLY SIGHTED, ERITREA</p> <p>017 ERITREAN POLICE FORCE</p> <p>020 ERITREAN RELIEF AND REHABILITATION AGENCY</p> <p>022 MINISTRY OF MARINE RESOURCES</p> <p>025 MINISTRY OF CONSTRUCTION, ROAD TRANSPORT</p> <p>027 BRITISH CONSULATE</p> <p>029 MINISTRY OF EDUCATION</p> <p>031 CIVIL AVIATION AUTHORITY</p> <p>043 NATIONAL ENGINEERS AND CONTRACTORS</p> |
|---|--|

EST	Estonia
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- A** ESTONIAN NATIONAL COMMUNICATIONS BOARD
ADALA 4D
10614 TALLINN
REPUBLIC OF ESTONIA
TELEFAX: +372 693 1155
EMAIL: POSTBOX@SA.EE
- | | |
|--|---|
| <p>001 INSPECTION OF TELECOMMUNICATIONS</p> <p>003 ESTONIAN TELEPHONE COMPANY LTD.</p> <p>006 STATE ENTERPRISE EESTI ENERGIA</p> <p>008 HIIU COUNTY GOVERNMENT</p> <p>010 ESTONIAN BOARD OF BORDER GUARD</p> <p>012 RITABELL AS</p> <p>015 AS SAKSA AUTO</p> <p>017 DATA TELECOM LTD</p> <p>020 UNION OF ESTONIAN LOCAL BROADCASTERS</p> <p>022 KENSTSMIDE EESTI AS</p> <p>024 AS KALEV</p> <p>026 US Embassy</p> <p>028 Office of the delegation of the European Commission</p> <p>030 EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA IN THE REPUBLIC OF ESTONIA</p> | <p>002 ESTONIAN NATIONAL AVIATION BOARD</p> <p>004 DEPARTMENT OF COMMUNICATIONS, STATE CHANCELLERY</p> <p>007 ESTONIAN NATIONAL MARITIME BOARD</p> <p>009 ESTONIAN MOBILE TELEPHONE COMPANY LTD.</p> <p>011 RADIOLINJA EESTI LTD.</p> <p>014 REVAL AUTO AS</p> <p>016 INPASS EESTI AS</p> <p>018 AA-SAT PROFESSIONAL OU</p> <p>021 DOW JONES MARKETS SWEDEN AB, ESTONIAN BRANCH OFFICE</p> <p>023 BB INVEST</p> <p>025 AS GREKOND</p> <p>027 Netcom Services SA</p> <p>029 Embassy of Sweden</p> <p>031 UNIVERSITY OF TARTU</p> |
|--|---|

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ETH	Ethiopia
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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
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

F	France
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- A** MONSIEUR LE DIRECTEUR GENERAL
 AGENCE NATIONALE DES FREQUENCES
 78, AVENUE DU GENERAL DE GAULLE - BP 400
 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 84 23 19 93 (Services de Terre)
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
 TELEFAX: +33 1 84 23 19 93 (Stations terriennes)
- B** MINISTERE DES AFFAIRES ETRANGERES,
 HELSINKI
- 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
- E** SWISS TELECOM PTT
 CH-3030 BERNE
 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
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
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
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 ECHOSTAR MOBILE |
| 104 EUTELSAT SA | 105 GLOBALSTAR |
| 106 HORIZONSAT | 107 THALES ALENIA SPACE |
| 108 NOVANANO | 109 SES NETWORKS SATELLITES |
| 110 ONEWEB LTD | 111 SATT AXLR |
| 112 UNSEENLABS | 113 INMARSAT SOLUTIONS BV |
| 114 KINEIS | 115 SPACEABLE |
| 116 SYRLINKS | 117 STELLAR |
| 118 ARIANEGROUP | 119 PROMETHEE |
| 120 HEMERIA | 121 U-SPACE |
| 122 EXOTRAIL | 123 SPACE NETWORK SERVICES |
| 124 CCC | 125 E-SPACE |
| 126 THE EXPLORATION COMPANY SAS | 127 ABSOLUT SENSING |
| 128 GAMA | 129 LEOBLUE SAS |
| 130 LATITUDE | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

FIN	Finland
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- A** FINNISH TRANSPORT AND COMMUNICATIONS AGENCY
P.O. BOX 313
FIN-00181 HELSINKI
FINLAND
TELEFAX: +358 9 6966410
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 KUVA SPACE OY |
| 036 AURORA PROPULSION TECHNOLOGIES OY | 037 ARCTIC ASTRONAUTICS OY |
| 038 UNIVERSITY OF VAASA | |

FJI	Fiji
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- A** DEPARTMENT OF COMMUNICATIONS
LEVE 3 SUVAVOU HOUSE
GPO BOX 11869
SUVA
FIJI ISLAND
PHONE: +679 3308 600
EMAIL: shivnesh.prasad@gmail.com
TELEFAX: +679 3303 676
- | | |
|--|--|
| 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 |

FLK	Falkland Islands (Malvinas)
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- A** THE POSTMASTER,
GENERAL POST OFFICE
PORT STANLEY
- B** COLONIAL SECRETARY
PORT STANLEY

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

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		

FRO	Faroe Islands
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A NATIONAL TELECOM AGENCY
ADMINISTRATION DIVISION
HOLSTEINGADE 63
DK - 2100 KOBENHAVN
TELEFAX: +45 35431434/ +45 35433910
TELEX: 055 31100 NTA DK
EMAIL: TST@TST.DK

FSM	Micronesia
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A GOVERNMENT OF THE FEDERATED STATES OF MICRONESIA
DEPARTMENT OF TRANSPORTATION AND COMMUNICATIONS
P.O. BOX PS-2, PALIKIR
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

G	United Kingdom
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A INTERNATIONAL FREQUENCY COORDINATION
SPACE SERVICES UNIT
OFCOM
2A SOUTHWARK BRIDGE ROAD
LONDON SE1 9HA
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
URL: www.radio.gov.uk
EMAIL: ifc.enquiries@ofcom.org.uk

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

C THE CHAIRMAN AND DIRECTOR GENERAL
SUDAN TELECOMMUNICATIONS CORPORATION
MINISTRY OF TRANSPORT AND COMMUNICATIONS
KHARTOUM
TELEX: 098422299 GENTL SD

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

G	United Kingdom		
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
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

G	United Kingdom		
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 ELECTRICITY
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	AT&T MPVD UK I LTD	183	INTELSAT
184	PARADIGM SERVICES LTD	185	MINISTRY OF TELECOMMUNICATIONS AND ECOMMERCE
186	HUGHES NETWORK SYSTEMS LIMITED	187	AVANTI HYLAS 2 LIMITED
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
220	ARQIT LTD	221	HISPASAT UK LTD
222	LOCKHEED MARTIN UK STRATEGIC SYSTEMS LIMITED	223	DEFENCE SCIENCE AND TECHNOLOGY LABORATORY
224	SPACE FORGE LIMITED	225	SPACING GUILD UK LIMITED
226	HISKYSAT LIMITED	227	DBSD SERVICES LIMITED
228	GLOBAL SATELLITE VU LTD	229	ASTROSCALE LTD
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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

GAB	Gabon
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- B** AGENCE NATIONALE DES INFRASTRUCTURES NUMERIQUES ET DES FREQUENCES (ANINF)
 BP 798
 LIBREVILLE
 GABONAISE
 PHONE: +241 011795277
 TELEFAX: +241 747168
 TELEX: 0973 POSTEL 5220 GO
- | | |
|---|---|
| 001 FORCES TERRESTRES FRANCAISES | 002 MARINE NATIONALE FRANCAISE |
| 003 AERONAUTIQUE MILITAIRE FRANCAISE | 004 ASECNA |
| 005 RADIO GABON B.P.150, LIBREVILLE | 006 GABON TELECOM |
| 008 GABON TELECOM | 009 METEOROLOGIE NATIONALE |
| 010 RESEAU DE SECURITE ET DE GENDARMERIE | 013 GABON TELECOM |
| 014 RADIODIFFUSION NATIONALE | 015 PHARES ET BALISES |
| 016 ARMEE NATIONALE | 017 AGENCE GABONAISE D'ETUDES ET
D'OBSERVATIONS SPATIALES (AGEOS) |
| 018 AGENCE NATIONALE DES INFRASTRUCTURES
NUMERIQUES ET DES FREQUENCES | 019 AIRTEL GABON |

GCA	United Kingdom (Non-metropolitan) - Region 1
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- A** INTERNATIONAL FREQUENCY COORDINATION
 SPACE SERVICES UNIT
 OFCOM
 2A SOUTHWARK BRIDGE ROAD
 LONDON SE1 9HA
 EMAIL: ifc.enquiries@ofcom.org.uk
 PHONE: +44 20 7981 3100
 TELEFAX: +44 20 7981 3208
 TELEX: 051261969 DTI WBH G
- | | |
|--------------------------------------|---------------------------------------|
| 001 UNITED KINGDOM GOVERNMENT | 002 UNITED KINGDOM POST OFFICE |
|--------------------------------------|---------------------------------------|

GCC	United Kingdom - Region 3
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- A** INTERNATIONAL FREQUENCY COORDINATION
 SPACE SERVICES UNIT
 OFCOM
 2A SOUTHWARK BRIDGE ROAD
 LONDON SE1 9HA
 EMAIL: ifc.enquiries@ofcom.org.uk
 PHONE: +44 20 7981 3100
 TELEFAX: +44 20 7981 3208
 TELEX: 051261969 DTI WBH G
- 001** UNITED KINGDOM GOVERNMENT

GEO	Georgia
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- A** GEORGIAN NATIONAL COMMUNICATIONS COMMISSION
 42 AL. KHAZBEGI AVE.
 TBILISI, 0177
 GEORGIA
 EMAIL: post@gncc.ge
 PHONE: +955 32 921668
 TELEFAX: +995 32 921625
 TELEX: 064 212911 PTB SU
- 001** MINISTRY OF TELECOMMUNICATION

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

GHA	Ghana
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<p>A</p> <p>MINISTRY OF COMMUNICATIONS P.O. BOX M.38 ACCRA GHANA PHONE: +233 21 666 465 TELEFAX: +233 21 667 114 TELEX: 094 3010 ENGHQ GH EMAIL: GHANATEL@NCS.COM.GH</p> <p>B</p> <p>INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100 TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G</p> <p>001 POLICE</p> <p>003 GHANA PUBLIC RELATIONS OFFICE</p> <p>005 POSTS AND TELECOMMUNICATIONS DEPT. 007 MANKOADZE FISHERIES LTD.</p> <p>009 D.C.A. (DEPARTMENT OF CIVIL AVIATION) 011 GHANA BROADCASTING SERVICE 013 TRADE REPRESENTATIVE OF THE GERMAN DEMOCRATIC REPUBLIC 015 POLISH EMBASSY 017 A. KASSARDJIAN LTD. 019 GHANA RAILWAY AND HARBOURS 021 GOVERNMENT TRANSPORT DEPARTMENT 023 Y.H. GASSOUB AND CO. 025 EMBASSY OF YUGOSLAVIA 027 CZECHOSLOVAK LEGATION 029 BRITISH ALUMINIUM LTD., AWASO 031 UNITED AFRICAN CO., GHANA 033 R.T. BRISCOE (GHANA) LTD.</p> <p>035 SWISS LUMBER COMPANY 037 GLIKSTEN (WEST AFRICA) LTD.</p> <p>039 MINISTRY OF FOOD AND AGRICULTURE FISHERIES DIVISION 041 UNITED GHANA FARMERS' COUNCIL 043 EMBASSY OF THE PEOPLE'S REPUBLIC OF BULGARIA 045 GHANA RADIO AND T.V. CORP. 047 LOVER VOLTA IRRIGATION DEVELOPMENT 049 PHILIPS TELECOMMUNICATIONS 051 EMBASSY OF THE DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA 053 MIM. TIMBER CO. LTD. 055 GHANA AIR FORCE</p> <p>057 STAR FISHERIES LIMITED</p> <p>059 GAME AND WILDLIFE DEPARTMENT 061 STANDARD BANK OF W.A. LTD 063 OCEAN FISHERIES LIMITED</p> <p>065 BROTHERS OF ST. JOHN OF GOD 067 GHANA NATIONAL TRADING CORPORATION 069 S.C.M.B. (COCOA MARKETING BOARD) 071 GEOLOGICAL SURVEY DEPT. 073 VANOLY CO. LTD. 075 EJURA FARM GHANA LTD. 077 WATER RESOURCES RESEARCH UNIT 079 JUAPONG TEXTILES LTD. 081 GHANA PRISON SERVICE 083 GHANA COMMERCIAL BANK 085 EMBASSY OF FEDERAL REPUBLIC OF GERMANY 087 PAN TIMBERS LTD.</p>	<p>002 POSTMASTER GENERAL, ACCRA 004 CABLE AND WIRELESS LIMITED, LONDON W.C.2 006 UNITED KINGDOM GOVERNMENT 008 EMBASSY OF THE PEOPLE'S REPUBLIC OF ROUMANIA 010 METEOROLOGICAL DEPARTMENT 012 STAR-KIST INTERNATIONAL S.A. 014 GOVERNMENT OF GHANA</p> <p>016 BAPTIST MEDICAL CENTRE 018 BIBIANI LOGGING AND LUMBER CO. LTD. 020 GULF EASTERN COMPANY 022 EMBASSY OF THE U.S.S.R. 024 EMBASSY OF ISRAEL 026 PARKINSON HOWARD LTD. 028 AFRICAN TIMBER PLYWOOD, SAMBREBOI 030 STANDARD ELECTRIC CO. 032 MOBIL OIL GHANA LTD., ACCRA 034 EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA 036 UNIVERSITY COLLEGE OF GHANA 038 CONSOLIDATED AFRICAN SELECTION TRUST LTD. 040 U.S. EMBASSY, ACCRA</p> <p>042 VOLTA RIVER AUTHORITY 044 EMBASSY OF THE HUNGARIAN PEOPLE'S REPUBLIC 046 JOINT VENTURE LOWER VOLTA BRIDGE 048 A. LANG LTD. 050 MINISTRY OF FUEL AND POWER 052 GHANA NEWS AGENCY</p> <p>054 ASHANTI GOLDFIELDS CORPORATION LTD. 056 GHANA CONSOLIDATED MACHINERY AND TRADING COMPANY LTD. 058 SOCIETE COMMERCIALE DE L'OUEST AFRICAIN 060 JOHN BITAR AND CO. LTD. 062 BISCAY FISHERIES LIMITED 064 UNITED CHURCH BOARD FOR WORLD MINISTRIES 066 BANK OF GHANA 068 PFIZER LTD. ACCRA 070 AFRICAN MANGANESE CO. 072 EMBASSY OF CONGO KINSHASA 074 EVANGELICAL LUTHERAN CHURCH 076 E.O. AGYEMANG (LOGGING) 078 A.G. TIMBERS AND TRADING COY. 080 GHANA INSTITUTE OF AQUATIC BIOLOGY 082 GEO PRODUCTS LTD. 084 GHANA WATER AND SEWERAGE CORP. 086 NKAWKAW SAWMILL LTD. 088 NYAME BEKYERE SAWMILL LTD.</p>
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

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).
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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 84 23 19 93 (Services de Terre)
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
TELEFAX: +33 1 84 23 19 93 (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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

GLP	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
GMB	Gambia

A THE MANAGING DIRECTOR
 GAMBIA TELECOMMUNICATIONS COMPANY LTD., GAMTEL
 3, NELSON MANDELA STREET
 PO BOX 387
 BANJUL
 GAMBIA
 TELEX: 2207 GAMTEL GV
 TELEFAX: +220 228004
 PHONE: +220 422 8822

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

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

GNB	Guinea-Bissau
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A INSTITUT DES COMMUNICATIONS (ICGB)
 AV. DOMINGO RAMOS, 53
 C. POSTAL 1372
 BISSAU
 RÉPUBLIQUE DE GUINÉE-BISSAU
 PHONE: +245 204873 / 74
 TELEFAX: +245 204876
 EMAIL: icgb50@hotmail.com

B NATIONAL POST AND TELECOM AGENCY
 P.O. BOX 5398
 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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

GRL	Greenland
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- | | |
|--|--|
| <p>A NATIONAL TELECOM AGENCY
COORDINATION DIVISION
HOLSTEINSGADE 63
DK - 2100 KOBENHAVN O
TELEX: 055 31100 NTA DK</p> <p>B THE DIRECTOR GENERAL
RADIOCOMMUNICATIONS AND BROADCASTING
REGULATORY BRANCH
INDUSTRY CANADA
300 SLATER STREET
OTTAWA, ONTARIO K1A 0C8
TELEX: 021 053 4123 comtel ott</p> <p>001 MINISTRY FOR GREENLAND
003 DIRECTION DE L'AVIATION CIVILE,
COPENHAGUE
005 DEN KONGELIGE GRONLANDSKE HANDEL
007 KRYOLITSELSKABET OERESUND A/S
009 NORDAFAR FAERINGEHAVN
011 THULE AIR BASE</p> | <p>002 MINISTERE DE LA DEFENSE, COPENHAGUE
004 SERVICE PHARES ET BALISES, COPENHAGUE
006 DANISH ARCTIC CONTRACTORS
008 DET STORE NORDISKE TELEGRAF, SELSKAB
010 GROENLANDSFLY A.S. GODTHAAB</p> |
|--|--|

GTM	Guatemala
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- | | |
|--|---|
| <p>A 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</p> <p>003 RADIO NUEVO MUNDO
006 LA VOZ DE LAS AMERICAS
014 RADIO INTERNACIONAL
016 EDIFICIO GALERIAS ESPANA</p> <p>023 RADIO CONTINENTAL
025 ALGODONERA LA HORQUETA LTDA</p> <p>027 TROPICAL RADIO TELEGRAPH CO.
030 BERTACCHI Y CIA LTDA., GUATEMARMOL</p> <p>034 MANUEL JOHNSTON
037 GERARDO HURTADO AGUILAR "RADIO XELAJU"
039 COMPANIA GUAT. DE MAQUINARIA
041 RADIO LANDIVAR
043 RADIO "PROGRESO" DE GUATEMALA
045 CARIBBEAN LINE
047 CARLOS W. ELMENSHORST
049 ESCOLASTICO ORTEGA P.
051 YAM JO MACK
053 TACA INTERNATIONAL AIRLINES SA
055 DIRECCION GENERAL DE AERONAUTICA CIVIL
058 GUILLERMO GALAN PALOMO RADIO 1000
060 FRANCISCO SOTO ARREAGA
062 PAN AMERICAN WORLD AIRWAYS INC.</p> <p>064 NAMCO INTERNACIONAL, INC.</p> <p>066 THOMPSON CORNWALL INC.
068 RUDI WEISSENBERG MARTINEZ
070 TRAGUA S.A.
072 GUSTAVO A. PIVARAL R.
074 BANCO DE OCCIDENTE
078 ALFONSO LIU CHEOK.
080 SIGNAL EXPLORACION DE GUATEMALA
082 FANJUL Y CIA
084 IMPORTADORA GUATEMALTECA PRODUCTOS
PEMEX
086 CRUZ ROJA GUATEMALTECA</p> | <p>004 RADIO CULTURA
013 LA VOZ DE QUEZALTENANGO
015 LA VOZ DE GUATEMALA
017 EMPRESA GUATEMALTECA DE AVIACION,
AVIATECA
024 CENTRAL DISTRIBUIDORA CIA. LTDA.
026 DIRECTION GENERALE DE LA
RADIODIFFUSION
028 EMPRESA AGRICOLA ZIMERI
032 NELLO L TEER CO. OF CENTRAL AMERICA
INC.
036 J.A. GONZALEZ ANDRADE "RADIO EL CAMPO"
038 ENRIQUE FERNANDO BOPPEL ROSA
040 EQUIPOS ELECTRICOS DE GUATEMALA
042 RADIO HUNAPU
044 GUATEMALA LINE S.A. (MAYAN LINE)
046 TRANSPORTES GUATEMALA S.A.
048 WILLIAM IBARGUEN, FINCA, "SANTA ELISA"
050 SALINAS "SANTA ROSA"
052 DIRECCION GENERAL DE CAMINOS
054 AEROSERVICIOS DE EMERGENCIA
056 LA VOZ DEL ATLANTICO
059 RADIO CORPORACION
061 EDGAR DE LEON VARGAS
063 INSTITUTO GUATEMALTECO DE SEGURIDAD
SOCIAL
065 IMPREGNADORA DE MADERA DE GUATEMALA
S.A.
067 INGENIERO ALFREDO DELGADO
069 OCEANIC CONSTRUCTORS INC.
071 RADIO AMERICA S.A.
073 OHIO OIL COMPANY OF GUATEMALA
077 ESSO STANDARD OIL S.A.
079 W. E. DIESELDORFF
081 ALGODONERA RETALTECA S.A.
083 FABRICA DE SACOS "LA MAGDALENA"
085 INDUSTRIA ELECTRICA LTDA.
087 JULIO ARRIVILLAGA R.</p> |
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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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- A** MONSIEUR LE DIRECTEUR GENERAL
 AGENCE NATIONALE DES FREQUENCES
 78, AVENUE DU GENERAL DE GAULLE - BP400
 94704 MAISONS ALFORT CEDEX
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 TELEFAX: +33 1 84 23 19 93 (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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- A** AUTORITE DE REGULATION DES POSTES ET TELECOMMUNICATIONS (ARPT)
 QUARTIER ALMAMYA, COMMUNE DE KALOUM
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- | | | | |
|-----|-------------------------------|-----|--------------------------|
| 001 | MINISTERE DE LA COMMUNICATION | 002 | MINISTERE DES TRANSPORTS |
|-----|-------------------------------|-----|--------------------------|

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

GUI	Guinea
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003	SERVICE NATIONAL DE LA METEOROLOGIE	004	MINISTERE DE LA DEFENSE NATIONALE
005	MINISTERE DE LA SECURITE ET DE LA PROTECTION CIVILE		

GUM	Guam
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A FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU
ATTENTION: MR. RICHARD B. ENGELMAN
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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		

GUY	Guyana
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A THE MANAGING DIRECTOR
NATIONAL FREQUENCY MANAGEMENT UNIT
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GEORGETOWN
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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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

HKG	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

001	HONG KONG GOVERNMENT	002	CABLE AND WIRELESS (HK) LTD
003	ROYAL HONG KONG POLICE FORCE	004	UNITED KINGDOM GOVERNMENT
005	HKG COMMERCIAL RADIO CO. LTD	006	MARINE DEPARTMENT
007	CIVIL AVIATION DEPARTMENT	008	RADIO TELEVISION HONG KONG
009	TELEVISION BROADCASTS LTD	010	ASIA TELEVISION LTD
011	ASIA SATELLITE TELECOMMUNICATIONS COMPANY LTD.	012	HUTCHVISION LTD.
013	HONG KONG TELECOM INTERNATIONAL	014	SATELLITE TELEVISION ASIA REGION LTD.

HMD	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

HND	Honduras
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A COMISION NACIONAL DE TELECOMUNICACIONES (CONATEL)
APARTADO POSTAL NO. 15012
TEGUCIGALPA, M.D.C
HONDURAS
TELEFAX: +504 234 8455

001	TROPICAL RADIO TELEGRAPH	002	GOBIERNO DE HONDURAS
003	DIRECCION GENERAL DE AERONAUTICA CIVIL DE HONDURAS	004	COCESNA
005	TELEVICENTRO, TEGUCIGALPA	006	VICA (VOZ E IMAGEN DE CENTROAMERICA)
007	BROADCASTING COMPANY	008	EMISORAS UNIDAS, TEGUCIGALPA
009	AUDIOVIDEO S.A., TEGUCIGALPA		

HNG	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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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	SEMMELEWEIS 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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

HNG	Hungary
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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.	156	LECHNER TUDASKOZPONT NONPROFIT KFT.

HOL	Netherlands
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A	DUTCH AUTHORITY FOR DIGITAL INFRASTRUCTURE EMMASINGEL 1 P.O BOX 450 GRONINGEN, 9700 AL NETHERLANDS EMAIL: info@rdi.nl TELEFAX: +31 50 5877400		
001	DUTCH AUTHORITY FOR DIGITAL INFRASTRUCTURE	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
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A	CROATIAN POST AND ELECTRONIC COMMUNICATIONS AGENCY ROBERTA FRANGESA MIHANOVICA 9 10110 ZAGREB CROATIA PHONE: +385 1 700 70 07 TELEFAX: +385 1 700 70 70		
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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

HTI	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
- | | |
|---|----------------------------------|
| 003 ADMINISTRATION PORTUAIRE DE PORT-AU-PRINCE | 005 ARMEE |
| 006 PAN AMERICAN AIRWAYS | 007 RCA COMUNICACIONES |
| 008 SERVICE AGRICOLE | 009 WEST INDIES TELEPHONE |
| 010 GOUVERNEMENT | 014 MISSION AERIEUNE |
| 015 SERVICE TELEGRAPHES, TELEPHONES, RADIO | 018 ESSO STANDARD OIL |
| 021 MINES | 022 CROIX ROUGE |
| 023 CIMENT D'HAITI | 024 NATIONS UNIES ONU |
| 025 EDUCATION | |

HWA	Hawaii (State of)
------------	-------------------

- 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 U.S. GOVERNMENT | 002 DEPARTMENT OF COMMERCE |
| 003 COMSAT | 004 GTE SATELLITE CORPORATION |
| 005 RCA AMERICAN COMMUNICATIONS, INC. | 006 AMERICAN TELEPHONE AND TELEGRAPH CO. |
| 008 US GOVERNMENT - GEN | 034 AMERICAN SATELLITE COMPANY |
| 051 US GOVERNMENT - CG | 310 FEDERAL COMMUNICATIONS COMMISSION, PMA |
| 350 FEDERAL COMMUNICATIONS COMMISSION, PAV | |

I	Italy
----------	-------

- 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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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 TELEFAX: +9821 867999 TELEX: 088 212444 PTT IR		
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 AEROPORTO CASELLE TELEX 21602
025	UNIVERSITA DI NAPOLI	026	OSTERREICHISCHE BOTSCHAFT
027	CONSIGLIO NAZIONALE DELLE RICERCHE	028	ITN "G CABOTO GAETA"
029	MULTINATIONAL FORCE AND OBSERVERS	030	AZIENDA AUTONOMA ASSISTENZA AL VOLO
031	RECCHI S.P.A.	032	EMBASSY OF DENMARK
033	U.S. EMBASSY	034	A.S.S.T.
035	SOCIETE "SAMANTA S.P.A. SERVIZI AEREI"	065	IST. FISICA UNIV. PADOVA
072	EMBASSY OF CZECHOSLOVAKIA	108	ISPETTORATO GENERALE CAPITANERIE DI PORTO
109	S.E.T.	110	SOC. TE. TI.
111	STIPEL	112	TELVE
113	TIMO	114	AMBASSADE D'ALGERIE EN ITALIE
115	ATT.MARINARE "BAR SANTI" VIA S.ROCCO 1, 16032 CAMOGLI	116	EMBASSY OF POLAND
117	U.S. NAVY	118	SOCIETY SALINI
119	TECHNOSTONE S. P. A.	120	SOCIETE ITALTEL
121	NEXUS-INTERNATIONAL BROADCASTING ASSOCIATION	122	ITALIAN SPACE AGENCY
123	G&A ENGINEERING S.R.L.	124	POLITECNICO DI TORINO
125	AMSAT ITALIA	126	G.A.U.S.S SRL (GROUP OF ASTRODYNAMICS FOR THE USE OF SPACE SYSTEM)
127	ISTITUTO TECNOLOGICO "MAX VALIER"	128	CNIT - CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI
129	COMPAGNIA GENERALE PER LO SPAZIO	130	GP ADVANCED PROJECTS SRLS
131	SITAE S.P.A	132	D-ORBIT SPA
133	SAPIENZA UNIVERSITA DE ROMA DIPARTIMENTO DI INGEGNERIA ASTRONAUTICA, ELETTRICA ED ENERGETICA	134	UNIVERSITA' LA SAPIENZA DI ROMA, SCUOLA DI INGEGNERIA AEROSPAZIALE (SIA)
135	N.P.C. NEW PRODUCTION CONCEPT S.R.L.	136	ARCA DYNAMICS SRLS
137	APOGEO SPACE S.R.L.		

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ICO	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 | 002 | OVERSEAS TELECOMMUNICATIONS COMMISSION |
| 003 | DEPARTMENT OF TERRITORIES | 004 | PRIVATE |
| 005 | FIRE FIGHTING SERVICES | | |

IND	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 | 012 | UNITED NATIONS |
| 013 | EMBASSY OF THE REPUBLIC OF TURKEY | 014 | TATA INSTITUTE OF FUNDAMENTAL
RESEARCH, RADIO ASTRONOMY GROUP,
COLABA, BOMBAY-5 |
| 015 | SWEDISH GOVERNMENT | 016 | EMBASSY OF THE STATE OF KUWAIT |
| 017 | DANISH GOVERNMENT | 018 | OSTERREICHISCHE BOTSCHAFT |
| 019 | ORBITCONNECT INDIA PRIVATE LIMITED | 020 | DHRUVA SPACE PRIVATE LIMITED |
| 021 | K J SOMAIYA INSTITUTE OF TECHNOLOGY | | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

INS	Indonesia
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<p>A MINISTRY OF COMMUNICATIONS AND INFORMATICS JL. MEDAN MERDEKA BARAT NO. 17 JAKARTA 10110 EMAIL: telco-puski@kominfo.go.id (general issues) PHONE: +62 21 3835801 / 3190925 EMAIL: terrestrial-ins@postel.go.id (terrestrial service) EMAIL: sat-ins@postel.go.id (satellite service) TELEFAX: +62 21 386 0781 TELEX: 07344407 POSTEL IA</p>	<p>001 PT TELEKOM INDONESIA (PERSERO) TBK. 007 KERETA API INDONESIA (PERSERO), PT. 010 TIMAH (PERSERO) TBK, PT. 014 SKK MIGAS-CHEVRON PACIFIC INDONESIA 019 LEMBAGA PENYIARAN PUBLIK RADIO REPUBLIK INDONESIA 025 PERKEBUNAN NUSANTARA III (PERSERO). PT 029 LEMBAGA PENYIARAN PUBLIK TELEVISI REPUBLIK INDONESIA 031 DIREKTORAT JENDERAL BEA DAN CUKAI 039 PT. PASIFIK SATELIT NUSANTARA 041 LEMBAGA PENERBANGAN DAN ANTARIKSA NASIONAL 044 PT SARANA MUKTI ADIJAYA 046 MINISTRY OF DEFENSE REPUBLIC OF INDONESIA 049 SURYA UNIVERSITY 051 PSN ENAM INDONESIA, PT 053 HUTCHISON 3 INDONESIA, PT. 055 XL AXIATA, TBK. 057 SMART TELECOM, PT. 059 SAMPOERNA TELEKOMUNIKASI INDONESIA, PT. 061 BADAN SAR NASIONAL 063 DITJEN PERHUBUNGAN LAUT 065 IMANI PRIMA, PT. 067 PT SATELIT NUSANTARA LIMA 069 KEMENTERIAN KELAUTAN DAN PERIKANAN REPUBLIK INDONESIA (KKP)</p>	<p>004 PERTAMINA, PT (PERSERO) 008 INDOSAT, TBK. PT. 012 PLN (PERSERO), PT. 015 HOTEL INDONESIA NATOUR, PT. 023 DIREKTORAT JENDERAL PERHUBUNGAN UDARA 027 GARUDA INDONESIA (PERSERO) TBK, PT. 030 PT ANEKA TAMBANG, TBK 034 PUSAT VULKANOLOGI DAN MITIGASI BENCANA GEOLOGI 040 PT MEDIA CITRA INDOSTAR (MCI) 043 PT. BANK RAKYAT INDONESIA (PERSERO), TBK. 045 PEMERINTAH RI 048 PT PALAPA SATELIT NUSA SEJAHTERA 050 PT. TELKOM SATELIT INDONESIA 052 PT WAHANA TELEKOMUNIKASI DIRGANTARA 054 TELEKOMUNIKASI SELULAR, PT. 056 SMARTFREN TELECOM, TBK. PT. 058 APLIKANUSA LINTASARTA, PT. 060 PAMAPERSADA NUSANTARA, PT. 062 BANDAR NELAYAN, PT. 064 LION MENTARI AIRLINES, PT. 066 PT NETRA TEKNOLOGI NUSANTARA 068 PT SATELIT NUSANTARA TIGA</p>
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IRL	Ireland
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<p>A 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</p>	<p>001 BROADCASTING AUTHORITY OF IRELAND (BAI) 003 CORK HARBOUR COMMISSIONERS, CORK 005 RADIO TEILIFIS EIREANN (RTE) 007 IRISH AVIATION AUTHORITY (IAA) 009 UCD SCHOOL OF PHYSICS</p>	<p>002 DEPARTMENT OF COMMUNICATIONS ENERGY AND NATURAL RESOURCES (DCENR) 004 COMMISSIONERS OF IRISH LIGHTS DUBLIN 006 EMBASSY OF RUSSIA 008 TRINITY COLLEGE DUBLIN</p>
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

IRN	Iran (Islamic Republic of)
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- A** 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 |
| 024 IRANIAN NEWS AGENCY | 025 T.C.I. TELECOMMUNICATION COMPANY OF IRAN |
| 026 INSTITUTE OF SURVEY ENGINEERING (ISE) | 027 ISIG - IRAN SPACE INDUSTRIES GROUP |
| 028 IRAN SPACE AGENCY | 029 ISLAMIC REPUBLIC OF IRAN BROADCASTING (IRIB) |

IRQ	Iraq
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- A** MINISTRY OF TELECOMMUNICATIONS
 KARRADA
 ABO NAWAS STREET
 P.O. BOX 2450
 BAGHDAD
 TELEFAX: +964 1 717 4449
 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 | 004 EMBASSY OF THE REPUBLIC OF TURKEY |
|-------------------------------------|--|

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

IRQ	Iraq
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ISL	Iceland
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005	EMBASSY OF THE STATE OF KUWAIT	007	DIRECTOR GENERAL OF CIVIL AVIATION
008	DIRECTOR GENERAL, POSTS AND TELEGRAPHS	009	DIRECTOR GENERAL PORTS AND NAVIGATIONS, BASRAH
010	IRAQI COMPANY FOR OIL OPERATIONS P.O. BOX NO. 1, KIRKUK	011	BASRAH PETROLEUM CO. LTD., BAGHDAD
012	MOSUL PETROLEUM CO. LTD., BAGHDAD	014	IRAQ GOVERNMENT
015	GOVERNMENT OIL REFINERIES ADMINISTRATION	016	ROYAL IRAQI AIR FORCE
017	IRAQI PORTS ADMINISTRATION	018	IRAQI NEW AGENCY
019	IRAQI TELECOMMUNICATIONS AND POSTS		

A THE ELECTRONIC COMMUNICATIONS OFFICE OF ICELAND (ECOI)
SUDURLANDSBRAUT 4
IS-108 REYKJAVIK
ICELAND
EMAIL: fjarskiptastofa@fjarskiptastofa.is
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EMAIL: pfs@pfs.is
TELEFAX: +354 510 1509

C DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001	POSTS AND TELEGRAPH ADMINISTRATION, REYKJAVIK	002	LIGHTHOUSE DIRECTOR, REYKJAVIK
003	ICELAND DEFENCE FORCE, KEFLAVIK	004	ICELAND STATE BROADCASTING SERVICE
005	VOIR 3 - SEE 3 - VEASE 3	006	BOARD OF CIVIL AVIATION, REYKJAVIK
007	U.S. NAVY	008	THE NATIONAL RESEARCH COUNSEL
009	GOVERNMENT	010	U.S. GOVERNMENT
011	ICESAT EHF		

ISR	Israel
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A MINISTRY OF COMMUNICATIONS
DEPUTY DIRECTOR OF SPECTRUM DIVISION
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STATE OF ISRAEL
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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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ISR	Israel
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<p>001 ISRAEL NAVY 003 PALESTINE ELECTRIC COMPANY LTD. 005 ADMINISTRATION OF POSTS, TELEGRAPHS, TELEPHONES AND RADIO 007 GOVERNMENT OF ISRAEL 009 ISRAEL BROADCASTING SERVICE 011 CZECHOSLOVAK EMBASSY 013 FISHING COMPANIES 015 FIRE BRIGADES 023 UNITED NATIONS 025 ISRAEL DEFENCE FORCES, AIR FORCE 027 ROYAL DANISH EMBASSY 029 CROIX ROUGE 031 ROYAL NETHERLANDS EMBASSY 033 EMBASSY OF THE UNITED STATES OF AMERICA 035 ROYAL NORWEGIAN EMBASSY 037 ARKIA ISRAEL INLAND AIRLINES 039 TRANS WORLD AIRLINES INC. 041 HERZILIYA STUDIOS LTD. 043 AMOS GROUND CONTROL CENTER 045 SPACECOM SATELLITE COMMUNICATION SERVICES LTD. 047 ISRAEL AEROSPACE INDUSTRIES LTD 049 SPACEIL 051 TECHNION, ASHER SPACE RESEARCH INSTITUTE (ASRI) 053 4X4HF, SCIENCE-APP LTD - ODED SAVYON 055 ARIEL UNIVERSITY, DEPARTMENT OF COMPUTER SCIENCE 057 RAFAEL ADVANCED DEFENSE SYSTEMS LTD.</p>	<p>002 ISRAEL POLICE 004 DEPARTMENT OF CIVIL AVIATION 006 MINISTRY OF AGRICULTURE 008 AMBASSADE DE FINLANDE 010 EL-AL ISRAEL NATIONAL AIRLINES LTD. 012 POTASH COMPANY 014 SHIPPING AGENCIES 017 EMBASSY OF THE REPUBLIC OF TURKEY 024 MEHTSAVEI ISRAEL, TEL AVIV 026 MINISTRY OF COMMUNICATION 028 DANISH GOVERNMENT 030 ROYAL SWEDISH EMBASSY 032 EMBASSY OF THE FEDERAL REPUBLIC OF GERMANY 034 AUSTRALIAN EMBASSY 036 PHILIPPINE EMBASSY 038 B.O.A.C. 040 K.L.M. ROYAL DUTCH AIRLINES 042 BUNDESMINISTERIUM FUR AUSWARTIGE ANGELEGENHEITEN BALLHAUSPLATZ 2, A-1010 WIEN 044 WEST INDIAN SPACE LTD 046 SPACENET INC. 048 HERZLIYA SCIENCE CENTER - HSC 050 NSLCOMM 052 ELBIT SYSTEMS LTD. 054 TEL AVIV UNIVERSITY 056 IMAGESAT ISRAEL 058 SKY AND SPACE GLOBAL (ISRAEL) LTD</p>
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J	Japan
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<p>A THE DIRECTOR OF INTERNATIONAL FREQUENCY POLICY OFFICE TELECOMMUNICATIONS BUREAU MINISTRY OF INTERNAL AFFAIRS AND COMMUNICATIONS 1-2, KASUMIGASEKI 2-CHOME CHIYODA-KU TOKYO 100-8926 EMAIL: sat-fpd@soumu.go.jp PHONE: +81 3 5253 5878 TELEFAX: +81 3 5253 5883 TELEX: 072 J29100</p> <p>B DEPARTMENT OF STATE, WASHINGTON D.C. 20520</p>	<p>001 TELECOMMUNICATIONS BUREAU (T.B.), MINISTRY OF POSTS AND TELECOMMUNICATIONS 008 U.S. GOVERNMENT</p> <p>002 U.S. GOVERNMENT 009 NIPPON IRIDIUM</p>
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JMC	Jamaica
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<p>A MANAGING DIRECTOR SPECTRUM MANAGEMENT AUTHORITY ALLIED INSURANCE BUILDING 26 BELMONT ROAD KINGSTON 5 JAMAICA EMAIL: ewsmith@sma.gov.jm TELEFAX: +1 876 960 8981 / 8084 PHONE: +1 876 929 8550</p>

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

JMC	Jamaica
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<p>001 JAMAICA INTERNATIONAL TELECOMMUNICATIONS LTD.</p> <p>003 JAMAICA TELEPHONE COMPANY LIMITED</p> <p>005 POST AND TELEGRAPHS DEPARTMENT</p> <p>007 JAMAICA BROADCASTING CORPORATION</p> <p>009 METEOROLOGICAL DIVISION, MINISTRY OF PUBLIC UTILITIES AND TRANSPORT</p>	<p>002 INTERNATIONAL AERADIO (CARIBBEAN) LIMITED</p> <p>004 GOVERNMENT OF JAMAICA</p> <p>006 RADIO JAMAICA LIMITED</p> <p>008 CIVIL AVIATION DEPARTMENT</p> <p>010 UNIVERSITY OF THE WEST INDIES, MONA</p>
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JON	Johnston 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 710 822 0160

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001 U.S. GOVERNMENT

JOR	Jordan
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A CHAIRMAN OF THE BOARD/CEO
TELECOMMUNICATION REGULATORY COMMISSION (TRC)
P.O. BOX 941794
AMMAN 11194
JORDAN
PHONE: +962 6 5501120
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B GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)
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C UNITED NATIONS
FOR THE ATTENTION OF THE CHIEF
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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 AUTOSTRAD - 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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

JOR	Jordan
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- | | |
|---|--|
| <p>001 JORDAN POSTS, TELEGRAPHS AND TELEPHONES</p> <p>003 REUTERS LTD.</p> <p>005 DEPARTMENT OF CIVIL AVIATION, JORDAN</p> <p>007 MINISTRY OF COMMUNICATIONS, AMMAN</p> <p>009 UNITED NATIONS</p> <p>011 AQABA PORT AUTHORITY</p> <p>013 BRITISH EMBASSY, AMMAN</p> <p>015 PALEY EXPLORATION CO., LTD.</p> <p>017 THE HASHEMITE KINGDOM OF JORDAN BROADCASTING SERVICE, AMMAN</p> <p>019 JORDAN NEWS AGENCY</p> <p>021 TELECOMMUNICATION CORPORATION, P.O.BOX1689, AMMAN</p> <p>023 JORDAN TELEVISION, P.O.BOX 1041, AMMAN</p> <p>THE ROYAL JORDANIAN RADIO AMATEUR SOCIETY (RJRAS)</p> | <p>002 METEOROLOGICAL DEPARTMENT</p> <p>004 TRANS-ARABIAN PIPE LINE CO., AMMAN</p> <p>006 EMBASSY OF THE STATE OF KUWAIT</p> <p>008 HASHEMITE BROADCASTING SERVICE, RAMALLAH</p> <p>010 EMBASSY OF THE REPUBLIC OF TURKEY</p> <p>012 JORDAN PTTD</p> <p>014 BONIFICA CO.</p> <p>016 HELD ET FRANCKE CO.</p> <p>018 "ALIA" THE ROYAL JORDANIAN AIRLINES</p> <p>020 MINISTRY OF RELIGION</p> <p>022 BRITISH AIRWAYS</p> |
|---|--|

KAZ	Kazakhstan
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- A** MINISTRY OF DIGITAL DEVELOPMENT, INNOVATIONS AND AEROSPACE INDUSTRY OF THE REPUBLIC OF KAZAKHSTAN
 NUR-SULTAN 010000
 MANGILIK EL AVENUE 55/14 C 2.4
- EMAIL: moap@mdai.gov.kz
 PHONE: +7 7172 61 32 99
 PHONE: +7 7172 61 32 90
 EMAIL: info@rfs.gov.kz
 TELEFAX: +7 7172 74 03 64
- 001** MINISTRY OF COMMUNICATIONS

KEN	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
 OFCOM
 2A SOUTHWARK BRIDGE ROAD
 LONDON SE1 9HA
 EMAIL: ifc.enquiries@ofcom.org.uk
 PHONE: +44 20 7981 3100
 TELEFAX: +44 20 7981 3208
 TELEX: 051261969 DTI WBH G
- 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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

KEN	Kenya
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E	NATIONAL TELECOM AGENCY COORDINATION DIVISION HOLSTEINSGADE 63 DK - 2100 KOBENHAVN O TELEFAX: +45 35431434		
F	COMMUNICATIONS AUTHORITY OF KENYA DIRECTOR GENERAL CA CENTRE WAIYAKI WAY P.O. BOX 14448-00800 NAIROBI KENYA		
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
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	VENEERS 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
070	KENYA SPACE AGENCY		

KER	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 84 23 19 93 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 84 23 19 93 (Stations terriennes)
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

KER	Kerguelen Islands
------------	-------------------

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
003 METEOROLOGIE
005 CENTRE NATIONAL D'ETUDES SPATIALES

002 LABORATOIRE SCIENTIFIQUE
004 DEFENSE NATIONALE

KGZ	Kyrgyz Republic
------------	-----------------

A NATIONAL INFORMATION RESOURCES, TECHNOLOGIES AND
COMMUNICATION AGENCY OF THE KYRGYZ REPUBLIC
7B, BAYTIK BAATYR STR.
720005 BISHKEK
KYRGYZ REPUBLIC
EMAIL: nta@infotel.kg
PHONE: +996 312 544 103
TELEFAX: +996 312 544 105

B MINISTRY OF TRANSPORT AND COMMUNICATIONS OF
KYRGYZ REPUBLIC

001 KYRGYZ TELECOM

002 REPUBLICAN PRODUCTION UNION OF RADIO-
RELAY MAIN LINES, TELEVISION AND
BROADCASTING

003 KUMTOR OPERATING COMPANY

004 INTERGOVERNMENTAL TV & RADIO COMPANY
"MIR"

005 ERICSSON REPRESENTATIVE OFFICE IN
KYRGYZ REPUBLIC

006 "TANDOO LTD."

007 "AZIYAINFO LTD."

008 NATIONAL CIVIL AVIATION COMPANY
"KYRGYSTAN ABA JOLDORU"

009 "AKNET LTD."

010 COMPUTERS AND TELECOMMUNICATIONS
COMPANY "TRANSFER LTD."

011 "KATEL LTD."

012 "BITEL LTD."

013 "IVTAN LTD."

014 "ALFA GROUP"

015 INTERNATIONAL BUSINESS BANK

016 EMBASSY OF UNITED STATES OF AMERICA

017 CHINESE REPUBLIC EMBASSY

018 SAMSUNG

KIR	Kiribati
------------	----------

A MINISTRY OF INFORMATION, COMMUNICATION
AND TRANSPORT
FREQUENCY AND LICENSING REGULATOR
P.O. BOX 487
BETIO, TARAWA
KIRIBATI (REPUBLIC OF)
TELEX: 0761 77022
EMAIL: mict@tskl.net.ki
TELEFAX: +686 26193

001 DEPARTMENT OF FISHERIES, TARAWA
003 AIR TUNGARU, TARAWA

002 KIRIBATI GOVERNMENT
004 BROADCASTING AND PUBLICATIONS
AUTHORITY, BAIRIKI

005 NATIONAL SPACE DEVELOPMENT AGENCY
(NASDA) OF JAPAN

006 DIVISION OF NATURAL SCIENCE,
UNIVERSITY OF HAWAII

007 CATHOLIC MISSION, DIOCESE OF TARAWA

008 DEPARTMENT OF HEATH, TARAWA

009 TELECOM KIRIBATI

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

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

001 CABLE AND WIRELESS (W.I.) LTD., LONDON
003 AGRINET
005 HERBERT MERITT

002 INTERNATIONAL AERADIO (CARIB) LTD.
004 HIS EXCELLENCY THE GOVERNOR, ST.KITTS-
NEVIS

KOR	Korea (Republic of)
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A MINISTRY OF SCIENCE, ICT AND FUTURE PLANNING
NATIONAL RADIO RESEARCH AGENCY
273, BITGARAM-DONG, NAJU-SI
520-833 JEOLLANAM-DO
REPUBLIC OF KOREA
EMAIL: satellite@msip.go.kr
PHONE: +82 61 338 4480
TELEFAX: +82 61 338 4489
TELEX: 0801 OFIRAD K24972

B 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

001 MINISTRY OF COMMUNICATIONS
003 MINICOM, SEOUL
005 KOREA TELECOMMUNICATION AUTHORITY
(KTA)
007 DATA COMMUNICATION CORPORATION
009 KOREA ADVANCED INSTITUTE OF SCIENCE
AND TECHNOLOGY - KAIST
011 U.S. GOVERNMENT
013 SAMSUNG HEAVY INDUSTRY CO. LTD
015 NATIONAL FEDERATION OF FISHERIES
COOPERATIVES
017 SK TELECOM CO., LTD.
020 KOREA TELECOM POWERTEL TRS
022 SPACE BROADBAND CORPORATION
024 ASIA PACIFIC SYSTEMS INC.
026 FUTURE ELECTRONICS TECHNOLOGY MIXER
028 CHUNGNAM NATIONAL UNIVERSITY,
DEPARTMENT OF AEROSPACE ENGINEERING,
UNMANNED SYSTEMS GROUP
030 ASTRODYNAMICS AND CONTROL LAB. YONSEI
UNIV.

002 UNITED NATIONS
004 SWEDISH GOVERNMENT
006 INSTITUTE OF SPACE SCIENCE AND
ASTRONOMY
008 KOREA METEOROLOGICAL ADMINISTRATION
010 KOREA AIRPORTS AUTHORITY
012 KOREA MARITIME AND PORT AUTHORITY
014 ASIANA AIRLINES
016 KOREA AEROSPACE RESEARCH INSTITUTE
019 SHINSEGI TELECOMM, INC.
021 INCHON INTERNATIONAL AIRPORT
CORPORATION
023 KOREA RESEARCH INSTITUTE OF STANDARDS
AND SCIENCE (KRISS)
025 KYUNHEE UNIVERSITY, SCHOOL OF SPACE
RESEARCH
027 STEP CUBE LAB. DEVELOPMENT TEAM
029 KOREA AEROSPACE UNIVERSITY
031 SEOUL NATIONAL UNIVERSITY

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

KOR	Korea (Republic of)	
032	DEPARTMENT OF AEROSPACE ENGINEERING, REPUBLIC OF KOREA AIR FORCE ACADEMY	033 KOREA AEROSPACE INDUSTRIES, LTD.
034	SOLAR AND SPACE WEATHER GROUP, KOREA ASTRONOMY AND SPACE SCIENCE INSTITUTE	035 CHOSUN UNIVERSITY
036	SPACE TESTING CENTER, KOREA TESTING LABORATORY	037 JUSTEK
038	NARA SPACE TECHNOLOGY	039 HANWHA SYSTEMS
040	AGENCY FOR DEFENSE DEVELOPMENT	041 CONTEC CO. LTD
042	BUSAN TECHNO PARK	043 SOLETOP CO. LTD
044	MINISTRY OF LAND, INFRASTRUCTURE, AND TRANSPORT	045 KTSAT CO. LTD
046	SATREC INITIATIVE	047 TECH UNIVERSITY OF KOREA

KRE	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
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 054 40777 RADCON S

001 SWEDISH GOVERNMENT

KWT	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

LAO	Lao P.D.R.	
------------	------------	--

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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

LAO	Lao P.D.R.		
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
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		
LBN	Lebanon		

- A** MINISTERE DES POSTES ET TELECOMMUNICATIONS
 RUE DES BANQUES - PLACE RYAD EL SOLH
 BEYROUTH
 PHONE: +961 1 979 979
 TELEFAX: +961 1 423005
 TELEX: 0494 MINIPT 23700 LE
- 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
 TELESIZ 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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

LBN	Lebanon
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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		

LBR	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

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

001	UNITED STATES LIBERIA RADIO CORPORATION	002	LIBERIAN GOVERNMENT, DEPARTMENT OF POSTS, TELEGRAPHS AND TELEPHONES
003	WEST AFRICAN BROADCASTING ASSOCIATION	004	MONROVIA PORT MANAGEMENT CO. LTD.
005	SWEDISH GOVERNMENT	006	LIBERIAN BROADCASTING COMPANY, MONROVIA
007	FRANCE CABLES ET RADIO, MONROVIA	008	LAMCO J.V. OPERATING CO. ROBERTS FIELD
009	COMMISSIONER OF COMMUNICATIONS, MONROVIA, LIBERIA	010	USIA
011	LIBERIA TELECOM CORP.		

LBY	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

001	P. AND T. CORPORATION	002	NATIONAL OIL CORPORATION
003	CIVIL AVIATION	004	LIBYAN ARAB AIRLINES
007	WAHA OIL CORPORATION	008	SIRT (LIBYA) OIL CORPORATION
009	ARAB GULF OIL CORPORATION	010	DIPLOMATIC CORPS IN LIBYA
011	OIL COMPANIES GENERAL	012	LIBSAT PROJECT

LCA	Saint Lucia
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A MINISTRY OF COMMUNICATIONS, WORKS, TRANSPORT AND PUBLIC UTILITIES
CASTRIES, ST. LUCIA
TELEFAX: +1 758 453 2769

001	CABLE AND WIRELESS (W.I.) LTD. LONDON	002	CARIBBEAN BROADCASTING CORPORATION
003	TELECOMMUNICATIONS DEPARTMENT	004	INTERNATIONAL AERADIO (CARIB) LIMITED
005	PAN AMERICAN WORLD AIRWAYS	006	WINDWARD ISLANDS BROADCASTING SERVICE

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

LIE	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

002	OFFICE FEDERAL DE LA COMMUNICATION	003	TRION SPACE AG
004	RIVADA AG		

LSO	Lesotho
------------	---------

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

001	PRIVATE	002	LESOTHO POLICE
003	LESOTHO ADMINISTRATION	004	LESOTHO TELECOMMUNICATION CORPORATION
005	BROADCASTING SERVICE	006	AGENCY (SIDA) IN MASERU
007	DEPARTMENT OF CIVIL AVIATION	008	BBC (BRITISH BROADCASTING CORPORATION)

LTU	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

001	MINISTRY OF TELECOMMUNICATION AND INFORMATION	002	LITHUANIAN METEOROLOGICAL CENTRE
003	LINTEL	004	COMLIET
005	U.S. EMBASSY	006	EMBASSY OF RUSSIAN FEDERATION
007	VSI LIEPISKIU TECHNOLOGIJU PARKAS	008	VSI INOVATYVUS INZINERINIAI PROJEKTAI
009	COMMUNICATIONS REGULATORY AUTHORITY OF THE REPUBLIC OF LITHUANIA	010	VSI LIETUVOS NACIONALINIS RADIJAS IR TELEVIZIJA
011	NANOAVIONICS UAB	012	AB "SPACE UNION"

LUX	Luxembourg
------------	------------

A INSTITUT LUXEMBOURGEOIS DE REGULATION
 17 rue du Fossé
 L-2922 LUXEMBOURG
 EMAIL: claude.rischette@ilr.lu
 PHONE: +352 28 228 302
 EMAIL: sat-coord@ilr.lu (satellite issues)
 TELEFAX: +352 28 228 229
 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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

LUX	Luxembourg		
001	LOFTLEIDIR, LUXEMBOURG	003	MINISTERE DU TRANSPORT
004	DEUTSCHE BUNDESPOST	005	SUEDWESTFUNK, BADEN-BADEN
006	SAARLAENDISCHER RUNDFUNK SAARBRUECKEN	007	CIE LUXEMBOURGEOISE DE TELEDIFFUSION
009	LUXAIR, LUXEMBOURG	010	SOCIETE EUROPEENNE DES SATELLITES (SES)
011	INSTITUT LUXEMBOURGEOIS DE REGULATION (ILR)	012	GLOBAL RADIO S.A
013	LUXSPACE SARL	014	LUXEMBOURG SPACE TELECOMMUNICATION SA
015	SPIRE GLOBAL LUXEMBOURG S.A.R.L.	016	KLEOS SPACE S.A
017	OQ TECHNOLOGY	018	LUXEMBOURG DIRECTORATE OF DEFENCE (LUX DOD)
019	ORBITARE LUXEMBOURG SA		

LVA	Latvia	
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	

MAC	Macao (Special Administrative Region of China)		
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		
001	AUTORIDADE DA AVIACAO CIVIL	002	CAPITANIA DOS PORTOS
003	COMPANHIA DE TELECOMUNICACOES DE MACAU, S.A.R.L.	004	TELEDIFUSAO DE MACAU, S.A.R.L.
005	EMISSORA VILA VERDE	006	CONSORCIO DO AEROPORTO INTERNACIONAL DE MACAU
007	KONG SENG PAGING, LDA.	008	TELECOM (MACAU) MENSAGENS POR RADIO, LDA,
009	TELECONTACTO UNION, LDA.		

MAF	Code to be used to indicate geographical area on or after 15.04.2010 designating Saint Martin (French Department of).	
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 84 23 19 93 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 84 23 19 93 (Stations terriennes)	

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MAF	Code to be used to indicate geographical area on or after 15.04.2010 designating Saint Martin (French Department of).
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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
019	PHARES ET BALISES	034	AUTORITE DE REGULATION DES TELECOMMUNICATIONS

MAU	Mauritius
------------	-----------

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
 EMAIL: ifc.enquiries@ofcom.org.uk
 PHONE: +44 20 7981 3100
 TELEFAX: +44 20 7981 3208
 TELEX: 051261969 DTI WBH G

C MINISTRY OF COMMUNICATIONS
 (WIRELESS PLANNING AND COORDINATION WING)
 SARDAR PATEL BHAVAN
 PARLIAMENT STREET
 NEW DELHI 110 001
 TELEX: 0813161160 COMN IN

001	MAURITIUS BROADCASTING CORPORATION	002	OVERSEAS TELECOMMUNICATIONS SERVICES CO. LTD.
003	UNITED KINGDOM GOVERNMENT	004	POLICE
005	RAPHAEL FISHING CO. LTD.	006	MESSRS. CHAGOS AGALEGA LTD.
007	TELECOMMUNICATIONS DEPT. MAURITIUS	008	HARBOUR MASTER, FORT WILLIAM, MAURITIUS
009	CIVIL AVIATION DEPARTMENT, MAURITIUS	010	HARBOUR DEPARTMENT, PORT LOUIS
011	AGALEGA CORPORATION, ROGERS AND CO. LTD.	012	METEOROLOGICAL SERVICES
013	MAURITIUS MARINE AUTHORITY	014	MINISTRY FOR RODRIGUES
015	EDF REGIONAL AERONAUTICAL TELECOMMUNICATIONS PROJECTS	016	MAURITIUS TELECOM
017	REDSAT SATELLITE HOLDINGS LTD.	018	MAURITIUS RESEARCH AND INNOVATION COUNCIL
019	MULTI CARRIER MAURITIUS LTD (MCML)		

MCO	Monaco
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A DIRECTION DES PLATEFORMES ET DES RESSOURCES NUMERIQUES
 C/O DITN
 2, RUE DE GABIAN - LES INDUSTRIES
 98000 MONACO
 MONACO (PRINCIPAUTE DE)
 PHONE: +377 98 988800
 EMAIL: dprn@gouv.mc

001	SOCIETE RADIO MONTE-CARLO	002	DEPARTEMENT DE L'INTERIEUR
003	MONACO CONTROLE AERADIO	004	MONACO HELISURFACE

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MCO	Monaco
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005 SPACE SYSTEMS INTERNATIONAL - MONACO **007** Radio Amateurs Vaudois
S.A.M.

MDA	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

001 MINISTRY OF INFORMATICS, INFORMATION
AND COMMUNICATIONS

MDG	Madagascar
------------	------------

A AUTORITE DE REGULATION DES TECHNOLOGIES DE COMMUNICATION (ARTEC)
LOT IVL 41 TER B ANDOHATAPENAKA
101 - ANTANANARIVO
MADAGASCAR
PHONE: +261 2022 421 19
EMAIL: artec@artec.mg
PHONE: +261 3402 421 19
PHONE: +261 3207 421 19
PHONE: +261 3337 421 19

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

MDR	Madeira
------------	---------

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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MDW	Midway Islands
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B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

MEX	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.
PHONE: +5255 50 15 4005
TELEFAX: +5255 46 24 80 32

<p>019 AERONAUTICAL RADIO DE MEXICO, S.A. 032 TACANA, S.R.L. 059 SECRETARIA DE LA DEFENSA NACIONAL 103 CIA. IMPULSORA DE EMPRESAS ELECTRICAS 124 DIRECCION GENERAL DE TELECOMUNICACIONES 126 VIAS GRALES. DE COM. 128 COMUNS. INALAMBRICAS. 130 FOMENTO DE RADIO, S.A. 133 SECRETARIA DE MARINA 135 LUBRICANTES Y COMBUSTIBLES 137 CONSTR. DE ANAHUAC 140 HACIENDA CANALEJA 142 SUPER CARRETERAS 144 VALERIANO B. DIEGO 146 MADERERAS MEXICANA 149 BANCO DE LONDRES Y MEXICO 152 UNION NAL. AGRICOLA DE CAFETEROS 156 CIA. MINERA EUREKA 169 MADERERAS CAMPECHE Y QUINTANA ROO. 171 EXPLOTADORA MINERA 173 GONZALES Y CIA. 175 GOBIERNO DEL EDO. DE MICHOACAN 178 GOBIERNO DEL EDO. DE HIDALGO 182 JOSE JIRASH SHAADI 184 ANCIRA Y DIAZ 188 DIRECCION GENERAL DE CONSTRUCCION DE F.F.C.C. 192 BONIFACIO SALINAS LEAL 194 C.E.I.M.S.A. 196 ANTONIO ANAYA 198 RAMON CANTU VILLARREAL 200 PABLO ZORRILLA GARCES 202 GOB. DEL EDO. DE CHIHUAHUA 206 RAMON MOYA R. 208 ANTONIA RAMIRES VDA. DE WOOLRICH 210 GOB. DEL EDO. DE SAN-LUIS POTOSI 212 UNION GANADERA REGIONAL DE CHIHUAHUA 315 ALVARO DOMINGUEZ PEON 361 QUETZSAT S. DE R.L. DE C.V. 363 INICIATIVA ESPACIAL MEXICANA MXSPACE, ASOCIACIÓN CIVIL 365 UNIVERSIDAD POPULAR AUTONOMA DE PUEBLA, A.C. 367 WORLDVU MEXICO S. DE R.L. FROM C.V.</p>	<p>026 COMISION FEDERAL DE ELECTRICIDAD 055 SECRETARIA DE RECURSOS HIDRAULICOS 069 BANCO NACIONAL DE MEXICO 117 PETROLEOS MEXICANOS 125 BANCO INTERNACIONAL 127 SERVS. RADIOELECTRICOS 129 FRECS. DE RADIOCOM. 132 PRESIDENCIA DE LA REPUBLICA 134 CIA. FUNDIDORA DE FIERRO Y ACERO DE MONTERREY 136 NEGOCIACION MADERERA DEL SURESTE 138 SRIA.AGRIC. Y GAN. 141 SOC. MEXICANA DE CREDITO INDUSTRIAL 143 ENRIQUE DOMENE 145 CASA GAVILAN S.A. 147 CIA. GANADERA LAS MARGARITAS 150 CLUB DEPORTIVO DE VUELOS 155 BANCO DE COMERCIO (DE CHIAPAS) 168 PRODUCERS MC'FADEN 170 EULALIO GUTIERREZ TREVINO 172 BOSQUES DE CHIHUAHUA 174 CIA. GANADERA STA. GERTRUDIS 177 TRANSPORTES MARTINEZ 179 PRODUCTOS DE CHIHUAHUA 183 NUEVA CIA. ELECTRICA CHAPALA 187 INDUSTRIA FORESTAL CACHO DE ORO 191 UNION DE MADEREROS DE CHIHUAHUA 193 ROBERTO ANCIRA 195 ENRIQUE SADA GARZA 197 PRODUCTORA DE MADERA 199 BANCO NACIONAL DE CREDITO - EJIDAL 201 BANCO DEL SUR 204 GOB. DEL EDO. DE SONORA 207 RAUL CABALLERO ABURTO 209 LINEA ESTRELLA DE ORO 211 CIA. NAL. DE CAMINOS 213 SATELITES MEXICANOS, S.A. DE C.V. 360 BENEFICIADORA DE CAFE CALIFORNIA 362 INSTITUTO NACIONAL DE ASTROFISICA, OPTICA Y ELECTRONICA 364 AGENCIA ESPACIAL MEXICANA 366 INSTITUTO FEDERAL DE TELECOMUNICACIONES</p>
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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

MKD	North Macedonia (Republic of)
------------	-------------------------------

- A** AGENCY FOR ELECTRONIC COMMUNICATIONS
13, DIMITRIE CUPOVSKI STREET
1000 SKOPJE
REPUBLIC OF NORTH MACEDONIA
EMAIL: contact@aec.mk
PHONE: +389 2 32 89 200
TELEFAX: +389 2 32 24 611
TELEX: 059751119 VLD RM MB
- | | |
|---|---|
| 001 MAKEDONSKA RADIOTELEVIZIJA | 007 RADIOTELEVIZIJA SKOPJE |
| 015 COMMUNAUTE DES PTT | 023 UPRAVA CIVILNOG VAZDUHOPILOVSTVA |
| 024 SECRETARIAT DU TRANSPORT ET DES COMMUNICATIONS | 026 DIRECTION HYDROMETEOROLOGIQUE |
| 030 CHEMIN DE FER | |

MLA	Malaysia
------------	----------

- A** CHAIRMAN
MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION
63000 CYBERJAYA
SELANGOR DARUL EHSAN
MALAYSIA
PHONE: +6038688 8000
EMAIL: scpd@mcmc.gov.my
EMAIL: satcoord@mcmc.gov.my (Space services)
EMAIL: terrestrial.coordination@mcmc.gov.my (Terrestrial services)
TELEFAX: +603 8688 1000
TELEX: 084 GENTEL MA 28020
- C** DIRECTOR OF TELECOMMUNICATIONS,
TELECOMMUNICATIONS DEPARTMENT,
KOTA KINABALU
SABAH
- | | |
|---|---|
| 001 BRUNEI SHELL | 002 TELECOMMUNICATIONS DEPARTMENT |
| 003 MALAYSIAN ARMED FORCES | 004 POLICE |
| 005 BROADCASTING DEPARTMENT | 006 OVERSEAS MINERAL RESOURCES DEVELOPMENT CO. |
| 007 BRITISH BROADCASTING CORPORATION FAR EASTERN STATION, TEBRAU, JOHORE BAHRU | 008 TELEKOM MALAYSIA BERHAD |
| 009 CIVIL AVIATION DEPARTMENT | 010 PRIVATE LICENCE OPERATOR |
| 011 SABAH STATE GOVT. | 012 TELECOMS., SABAH |
| 013 RADIO TELEVISYEN MALAYSIA (RTM) | 014 BINARIANG PTY. LTD. |
| 015 MEASAT SATELLITE SYSTEMS SDN BHD | 016 ASTRONAUTIC TECHNOLOGY (M) SDN BHD |
| 017 PELABUHAN TANJONG PELEPAS SDN BHD | 018 NETSEVEN TV SDN BHD |
| 019 CELCOM TRANSMISSION (M) SDN BHD | 020 DIGI TELECOMMUNICATIONS SDN BHD |
| 021 JUTA VENDCO SDN BHD | 022 SISTEM TELEVISYEN MALAYSIA BHD |
| 023 MAESTRA BROADCAST SDN BHD | 024 MEASAT RADIO COMMUNICATIONS SDN BHD |
| 025 RADIO REDIFFUSION SDN BHD | 026 CARIGALI TRITON OPERATING CO. SDN BHD |
| 027 YPJ PLANTATION MANAGEMENT SDN BHD | 028 PETRONAS CARIGALI SDN BHD |
| 029 MAXIS BROADBAND SDN BHD | 030 TIME TELECOMMUNICATIONS SDN BHD |
| 031 TM CELLULAR SDN BHD | 032 ANGKASA |
| 033 KRISTAL HARTA SDN BHD | 034 INSTITUT KEFAHAMAN ISLAM MALAYSIA |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MLA	Malaysia
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035	RADIO WANITA BERHAD	036	HUSA NETWORK SDN BHD
037	SUARA JOHOR SDN BHD	038	ASIA PACIFIC BROADCASTING UNION
039	MALAYSIAN MARITIME ENFORCEMENT AGENCY (MMEA)	040	JABATAN HIDUPAN LIAR
041	SABAH AMATEUR RADIO SOCIETY	042	FRIENDLY-COMM
043	UNIVERSITI TEKNOLOGI MALAYSIA	044	EXXONMOBIL EXPLORATION AND PRODUCTION MALAYSIA INC.
045	TENTERA UDARA DIRAJA MALAYSIA	046	TENTERA LAUT DIRAJA MALAYSIA
047	PERKHIDMATAN KAJICUACA MALAYSIA	048	JABATAN METEOROLOGI MALAYSIA
049	MAJLIS KESELAMATAN NEGARA	050	TITAN PETCHEM (M) SDN.BHD
051	SARAWAK SHELL BERHAD	052	CELCOM (MALAYSIA) BERHAD
053	MAXIS MOBILE SDN BHD	054	RIMAKMUR SDN BHD
055	ANGKASAX INNOVATION SDN BHD	056	UNIVERSITI SAINS MALAYSIA
057	UNIVERSITI TEKNOLOGI MARA		

MLD	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 EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100 TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G		
001	UNITED KINGDOM GOVERNMENT	002	MALDIVIAN GOVERNMENT
003	AIRPORT OFFICE	004	MUMAN TOURIST AGENCY
005	DHIVERI RAAJJEY GE GULHUN PRIVATE LIMITED (DHIRAAGU)		

MLI	Mali
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A	AUTORITE MALIENNE DE REGULATION DES TELECOMMUNICATIONS, DES TECHNOLOGIES DE L'INFORMATION ET DE LA COMMUNICATION ET DES POSTES QUARTIER: HAMDALLAYE ACI 2000 - RUE 390 BP 2206 BAMAKO MALI PHONE: +223 20 70 57 00 / 44 97 65 21 EMAIL: amrtp@amrtp.ml TELEFAX: +223 20 23 14 94 TELEX: 0985 SOTELMA 2906 MJJ		
001	DIRECTION DES AFFAIRES MILITAIRES	002	MARINE NATIONALE
003	OCLALAV B.P 63 GAO	004	AVIATION CIVILE ASECNA
005	TELEMALI - TELECOMMUNICATIONS INTERNATIONALES DU MALI	006	DIRECTION DES CHEMINS DE FER
007	OFFICE DES POSTES ET TELECOMMUNICATIONS	010	STATIONS GOUVERNEMENTALES
011	SERVICE METEOROLOGIQUE	014	SERVICE GEOGRAPHIQUE
015	RADIODIFFUSION TELEVISION DU MALI		

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MLT	Malta
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- A** MALTA COMMUNICATIONS AUTHORITY
 VALLETTA WATERFRONT
 PINTO WHARF
 FLORIANA FRN 1913
 MALTA
 EMAIL: coordination.mca@mca.org.mt
 EMAIL: info.mca@mca.org.mt
 PHONE: +356 2233 6840
- | | |
|---------------------------------------|---|
| 001 GOVERNMENT OF MALTA | 002 UNITED KINGDOM GOVERNMENT |
| 003 DIRECTOR OF CIVIL AVIATION | 004 GO P.L.C. |
| 005 SUPERINTENDENT OF PORTS | 006 WESTERN GEOPHYSICAL CO. OF AMERICA |
| 008 CIVIL DEFENCE | 009 OSSERVATORIO GEOFISICO OF TRIESTE |
| 010 PARASTATAL BODY | 011 DEUTSCHE WELLE |
| 012 PRIVATE LICENCE OPERATOR | 013 VODAFONE MALTA LIMITED |
| 014 ELSACOM MALTA | 015 MULTIPLUS LIMITED |
| 016 UNIVERSITY OF MALTA | |

MNE	Montenegro
------------	------------

- 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
- | | |
|---|--|
| 001 GOVERNMENT OF MONTENEGRO, PODGORICA | 002 MARITIME SAFETY DEPARTMENT, BAR |
| 008 BROADCASTING AGENCY - TV, PODGORICA | 011 BROADCASTING AGENCY - FM, PODGORICA |
| 015 AGENCY FOR TELECOMMUNICATIONS - FX, PODGORICA | 023 CIVIL AVIATION DEPARTMENT, PODGORICA |
| 024 MINISTRY OF MARITIME AFFAIRS, TRANSPORTATION AND TELECOMMUNICATIONS, PODGORICA | 026 AGENCY FOR TELECOMMUNICATIONS - MO, PODGORICA |
| 030 RAILWAYS OF MONTENEGRO, PODGORICA | |

MNG	Mongolia
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- A** MINISTRY OF DIGITAL DEVELOPMENT AND COMMUNICATIONS
 THE GOVERNMENT OF MONGOLIA
 CENTRAL POST OFFICE
 SUKHBAATAR SQ-1, P.O. BOX 785
 ULAANBAATAR - 15160
 MONGOLIA
 PHONE: +976 11 330781
 EMAIL: fr@mddc.gov.mn
 EMAIL: brmail@mddc.gov.mn
 TELEFAX: +976 11 330780
 TELEX: 0800 79250 MRTC MH

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MNG	Mongolia
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- 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
- 001** MINISTRY OF DIGITAL DEVELOPMENT AND COMMUNICATIONS OF MONGOLIA (MDDC)
- 002** COMMUNICATIONS REGULATORY COMMISSION OF MONGOLIA (CRC)

MOZ	Mozambique
------------	------------

- A** INSTITUTO NACIONAL DAS COMUNICACOES DE MOZAMBIQUE (INCM)
16TH JUNE SQUARE NO. 340
MALANGA, P.O. BOX 848
REPUBLIC OF MOZAMBIQUE
PHONE: +258 21 227 100
TELEFAX: +258 21 016211
TELEX: 0992 6509 DGTDM MO
- B** NATIONAL POST AND TELECOM AGENCY
P.O.BOX 5398
S - 102 49 STOCKHOLM
TELEX: 054 40777 RADCON S
- 001** RADIO MOCAMBIQUE
- 003** SERVICOS METEOROLOGICOS DE MOCAMBIQUE
- 005** EMPRESA NACIONAL DE AEROPORTOS
- 007** ENTIDADES CONTROLADAS PELAS TDM
- 009** SWEDISH GOVERNMENT
- 002** TELECOMUNICACOES DE MOCAMBIQUE
- 004** MINISTERIO DOS TRANSPORTES E COMUNICACOES
- 006** SECRETARIA DO ESTADO DAS PESCAS
- 008** MINISTERIO DE AGRICULTURA
- 010** SOUTH AFRICAN EMBASSY, MAPUTO

MRA	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
- 001** COMSAT
- 230** FEDERAL COMMUNICATIONS COMMISSION, BC

MRC	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
- 001** RADIODIFFUSION TELEVISION MAROCAINE 1
ZANKAT EL BRIHI, RABAT
- 002** OFFICE NATIONAL DES POSTES ET TELECOMMUNICATIONS, RABAT

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MRC	Morocco
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003	ETAT MAJOR GENERAL DES FORCES ARMEES ROYALE, RABAT	004	MINISTERE DE L'INTERIEUR ET DE L'INFORMATION, RABAT
005	CENTRE ROYAL D'ETUDE ET DE RECHERCHE SPATIALE (CRES)	006	AGENCE NATIONALE DE LA CONSERVATION FONCIERE DU CADASTRE ET DE LA CARTOGRAPHIE (ANCFCC)
007	UNIVERSITY CENTER FOR RESEARCH IN SPACE TECHNOLOGIES - UCRST		

MRN	Marion Island
------------	---------------

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		
001	DEPARTMENT OF TRANSPORT, DIVISION OF CIVIL AVIATION	002	DEPARTMENT OF POSTS AND TELEGRAPHS

MRT	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 84 23 19 93 (Services de Terre) TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes) TELEFAX: +33 1 84 23 19 93 (Stations terriennes)		
001	FORCES TERRESTRES	002	MARINE NATIONALE
003	CONSEIL SUPERIEUR DE L'AUDIOVISUEL	004	AVIATION CIVILE
005	CIE AIR-FRANCE	006	ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS
007	SURETE NATIONALE	008	MINISTERE DE L'INTERIEUR
009	DEFENSE NATIONALE	010	AERONAUTIQUE MILITAIRE FRANCAISE
011	GENDARMERIE NATIONALE	018	METEOROLOGIE
019	PHARES ET BALISES	034	AUTORITE DE REGULATION DES TELECOMMUNICATIONS

MSR	Montserrat
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A	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100 TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MSR	Montserrat
------------	------------

B THE PERMANENT SECRETARY
 MINISTRY OF COMMUNICATIONS AND WORKS
 P.O. BOX 344
 PLYMOUTH
 MONTSERRAT
 WEST INDIES
 TELEX: 5736 MCW MK

001	CABLE AND WIRELESS (W.I.) LTD., LONDON	002	ANTILLES RADIO CORPORATION LTD.
003	MONTSERRAT POLICE	004	GOVERNMENT OF MONTSERRAT
005	UWI SEISMIC RESEARCH UNIT	006	ANTILLES TELEVISION
007	CARIBBEAN COMMUNICATIONS LTD.		

MTN	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

001	DIRECTION DES AFFAIRES MILITAIRES	002	MARINE NATIONALE DE MAURITANIE
004	AVIATION CIVILE - ASECNA	007	OFFICE DES POSTES ET TELECOMMUNICATIONS
008	ARMEE NATIONALE	009	BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES BP 268 BURGEOLOG, DAKAR
013	SOCIETES ET COMPAGNIES PRIVEES CONTROLEES PAR L'OFFICE DES POSTES ET TELECOMMUNICATIONS	014	SERVICE GEOGRAPHIQUE
015	RADIODIFFUSION NATIONALE	016	GARDE NATIONALE
017	GENDARMERIE NATIONALE	018	CIE FRANCAISE DE PROSPECTION SISMIQUE
019	SERVICE DES DOUANES	020	COMMISSARIAT A L'AIDE ALIMENTAIRE

MWI	Malawi
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A MALAWI COMMUNICATIONS REGULATORY AUTHORITY
 MACRA HOUSE
 9 SALMIN AMOUR ROAD
 PRIVATE BAG 261
 BLANTYRE
 PHONE: +265 1 812 912
 EMAIL: dg-macra@macra.org.mw
 TELEFAX: +265 1 812 890
 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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

MYT	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 84 23 19 93 (Services de Terre)
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
 TELEFAX: +33 1 84 23 19 93 (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		

NCG	Nicaragua
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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
 TELEFAX: +505 2255 9170
 PHONE: +505 2255 9150
 TELEX: 0375 1007

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
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

NCG	Nicaragua		
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
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
NCL	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 spaciaux excepté les stations terriennes)
 EMAIL: tercoord@anfr.fr (Services de Terre)
 TELEFAX: +33 1 84 23 19 93 (Services de Terre)
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
 TELEFAX: +33 1 84 23 19 93 (Stations terriennes)

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

NCL	New Caledonia
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- 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 |

NFK	Norfolk Island
------------	----------------

- 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 | |

NGR	Niger
------------	-------

- 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 |
| 006 MISSION MILITAIRE FRANCAISE | 007 SOCIETES ET CIES PRIVEES CONTROLEES PAR L'OFFICE DES P. ET T. |
| 008 COMPAGNIE FRANCE CABLES ET RADIO | |

NIG	Nigeria
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- A** FEDERAL MINISTRY OF INFORMATION AND COMMUNICATIONS
FEDERAL SECRETARIAT COMPLEX
SHEHU SHAGARI WAY
ABUJA
NIGERIA
TELEFAX: +234 9 234 4106
TELEX: 0805 21065 ADTECH NG
EMAIL: jodey@nigeria.gov.ng
PHONE: +234 9 234 6351
- C** THE CHAIRMAN AND DIRECTOR GENERAL
SUDAN TELECOMMUNICATIONS CORPORATION
MINISTRY OF TRANSPORT AND COMMUNICATIONS
KHARTOUM
TELEX: 098422299 GENTL SD

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

NIG	Nigeria		
D	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
E	NATIONAL TELECOM AGENCY COORDINATION DIVISION HOLSTEINSGADE 63 DK - 2100 KOBENHAVN O TELEX: 055 31100 NTA DK		
F	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
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

NIG	Nigeria		
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	BENUE 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
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	ISIIYAKU RABIU AND SONS	246	NORTHERN PRODUCE CO.
247	TRANS ATLANTIC SHIPPING	248	APROFIM ENG. LTD.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

NIG	Nigeria
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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)		

NIU	Niue
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A 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		

NMB	Namibia
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A MINISTRY OF INFORMATION AND BROADCASTING
DIRECTORATE AUDIO VISUAL MEDIA AND NCC
NAMIBIAN COMMUNICATIONS COMMISSION
PRIVATE BAG 13309
WINDHOEK / NAMIBIA
TELEFAX: +264 61 222790

C DEPARTMENT OF TRANSPORT,
DIVISION OF CIVIL AVIATION,
PRETORIA

D GENERAL MANAGER,
TRANSNAMIB LTD.
WINDHOEK

E DIRECTOR GENERAL,
NAMIBIAN BROADCASTING CORPORATION
WINDHOEK

F UNITED NATIONS
FOR THE ATTENTION OF THE CHIEF
OF TELECOMMUNICATIONS OPERATIONS SECTION
ROOM S2035
NEW YORK NY10017
UNITED STATES
TELEX: 023289696

001	NAMIBIAN COMMUNICATIONS COMMISSION	002	MINISTRY OF WORKS, TRANSPORT AND COMMUNICATONS; DEPARTMENT OF CIVIL AVIATION
003	TRANS NAMIB LTD.	004	PRIVATE
005	MINISTRY OF LOCAL GOVERNMENT AND HOUSING	006	NAMIBIAN POLICE FORCE
007	MINISTRY OF DEFENCE	008	S.A.N.F.
009	NAMIBIAN BROADCASTING CORPORATION	010	UNITED NATIONS
011	TELECOM NAMIBIA		

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

NOR	Norway
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A	NORWEGIAN COMMUNICATIONS AUTHORITY P.O. BOX 93 4791 LILLESAND NORWAY PHONE: +47 22 82 4600 EMAIL: firmapost@nkom.no		
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		
002	ADMINISTRATION DES TELEGRAPHES DE NORVEGE, OSLO	003	GOVERNMENT STATION
004	NORWEGIAN MINISTRY OF FISHERIES, OSLO	005	THE DIRECTOR, INSTITUTE OF THEORETICAL ASTROPHYSICS, UNIVERSITY OF OSLO
006	OSLO POLITI, OSLO	007	NORSK HYDRO, OSLO
010	FYRVESENET, OSLO	012	NORGES VASSDRAG OG ELEKTRISITETSFORSYNING, OSLO
013	DAGBLADET, OSLO	014	NORSK RIKSKRINGKASTING, OSLO
016	OSLO LYSVERKER, OSLO	020	NESODDEN ELEKTRISITETSVERK, NESODDEN
021	AREMARK SKOGBRANNVEKT, AREMARK	022	A/S HAFSLUND, SARPSBORG
025	DET NORSKE METEOROLOGISKE INSTITUTT, OSLO	027	FYRDIREKTOREN, OSLO
028	KINGS BAY KULL CAMP, A.S. OSLO	029	NORSK POLARINSTITUTT, OSLO
030	GLOMMA FELLESFLOETNINGSKONTOR, OSLO	034	OSLO KOMMUNE, OSLO
036	LOEVENSKIOLD-FOSSUM, SKIEN	037	P. NIELSEN SPEDITIONSFORRETNING, OSLO
038	A/S NORSKE SHELL, OSLO	039	DRAMMEN AND OPLANDS PRIVATBANK A/S, DRAMMEN
040	NORDHORDLAND KOMMUNALE KRAFTLAG, ALVERSUND	041	VERDENS GANG, OSLO
042	ASKER KOMMUNE, ASKER	043	ASKER KOMMUNALE ELEKTRISITETSFORSYNING, ASKER
044	SKIENSFJORDENS KOMMUNALE KRAFTSELSKAP, PORSGRUNN	046	NORGES STATSBANER, OSLO
047	AKTIESELSKAPET ALPHA, MOSS	048	A/S TUNGEN GAARD, TRONDHEIM
049	LIER KOMMUNALE ELEKTRISITETSVERK, LIER	050	LUOSSAVAARA KIIRUNAVAARA AKTIEBOLAG, NARVIK
052	AKTIESELSKABET SYDVARANGER, KIRKENES	055	DROSJEEIER ANDREAS BRAENDEN, GRAN
056	SANDOEY KOMMUNALE ELEKTRISITETSVERK, STEINSHAMN HAROEY	058	O.R. OLSEN SLEPEBAATFORRETNING, HALDEN
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
088	NORWEGIAN DEFENCE RESEARCH ESTABLISHMENT (FFI)	089	KONGSBERG DEFENCE & AEROSPACE AS

NPL	Nepal
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A	MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY SINGHDURBAR KATHMANDU / NEPAL TELEFAX: +977 1 227310 TELEX: 0891 2600 MINCOM NP
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

NPL	Nepal
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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
005	NEPAL ACADEMY OF SCIENCE AND TECHNOLOGY		

NRU	Nauru (Republic of)
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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		

NZL	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.		

OCE	French Polynesia
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A HAUT COMMISSARIAT DE LA REPUBLIQUE
EN POLYNESIE FRANCAISE
PAPEETE
TELEX: HAUSSAIR 295 FP

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

OCE	French Polynesia
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- 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 84 23 19 93 (Services de Terre)
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
TELEFAX: +33 1 84 23 19 93 (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 |

OMA	Oman
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- A** MINISTRY OF TRANSPORT, COMMUNICATIONS AND INFORMATION TECHNOLOGY
P.O. BOX 338, RUWI
MUSCAT (OMAN)
EMAIL: rashid.alalawi@mtcit.gov.om
TELEFAX: +968 24 685 011
TELEX: 04985625 MIN PTT ON
PHONE: +968 24 166 790
- B** TELECOMMUNICATIONS REGULATORY AUTHORITY
P.O BOX 3555, P.C.111
MUSCAT (OMAN)
EMAIL: traoman@tra.gov.om
PHONE: +968 24 22 2222
TELEFAX: +968 24 22 2000
- | | |
|---|---|
| 001 UNITED KINGDOM GOVERNMENT | 002 GENERAL TELECOMMUNICATION ORGANISATION |
| 003 SPACE COMMUNICATION TECHNOLOGIES (SCT) | 004 MINISTRY OF COMMUNICATIONS |
| 007 PETROLEUM DEVELOPMENT OMAN | 009 GOVERNMENT OF OMAN |
| 014 MINISTRY OF INFORMATION | 015 PRIVATE AGENCY |

PAK	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
PHONE: +92 51 9257612
TELEFAX: +92 51 9257586 / 9257571
TELEX: 082 5823 / 24 DG IBA PK

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PAK	Pakistan
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- | | |
|---|--|
| <p>B GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)
06510 EMEK - ANKARA,
TURKEY
TELEFAX: +90 312 2213226
TELEX: 060744371 TGM TR</p> <p>C NATIONAL POST AND TELECOM AGENCY
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 054 40777 RADCON S</p> <p>D UNITED NATIONS
FOR THE ATTENTION OF THE CHIEF
OF TELECOMMUNICATIONS OPERATIONS SECTION
ROOM S2035
NEW YORK NY10017
UNITED STATES
TELEX: 023289696</p> <p>E DEPARTMENT OF STATE,
WASHINGTON D.C. 20520</p> <p>F THE UNDER SECRETARY
MINISTRY OF COMMUNICATIONS
KUWAIT
TELEX: 0496 US PTT 22197 KT</p> <p>G DIRECTORATE GENERAL OF TELECOMMUNICATIONS
MINISTRY OF PTT
P.O. BOX 15875-4415
15598 TEHERAN
ISLAMIC REPUBLIC OF IRAN
TELEX: 088212444 PTT IR</p> <p>001 DIRECTOR GENERAL, POSTS AND TELEGRAPHS
003 CIVIL AVIATION DIVISION
005 SIND POLICE
007 NORTH WEST FRONTIER POLICE
009 EAST BENGAL POLICE
011 EASTERN BENGAL RAILWAY
013 ROYAL PAKISTAN AIR FORCE
015 SUPERINTENDENT OF POLICE WIRELESS EAST
BENGAL, DACCA
017 SUPERINTENDENT OF POLICE TECHNICAL
PUNJAB POLICE, LAHORE
019 ELECTRICITY (HYDEL) DEPT., PUNJAB
021 D.G. RAILWAYS
023 SUI GAS TRANSMISSION CO., LTD.
025 EMBASSY OF THE STATE OF KUWAIT</p> | <p>002 GOVERNMENT OF PAKISTAN
004 KARACHI POLICE
006 BALUCHISTAN POLICE
008 PUNJAB POLICE
010 NORTH WESTERN RAILWAYS
012 EMBASSY OF THE REPUBLIC OF TURKEY
014 FOREIGN MISSION IN PAKISTAN
016 SWEDISH GOVERNMENT
018 DIRECTOR GENERAL RADIO, PAKISTAN,
KARACHI
020 I.G.P. KARACHI
022 UNITED NATIONS
024 TELEVISION DIRECTORATE, MINISTRY OF
INFORMATION AND BROADCASTING
026 SUPARCO, KARACHI</p> |
|---|--|

PAQ	Easter Island
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- | | |
|--|--|
| <p>A SUBSECRETARIA DE TELECOMUNICACIONES
MINISTERIO DE TRANSPORTES Y
TELECOMUNICACIONES
AMUNATEGUI 139
SANTIAGO DE CHILE
TELEFAX: +56 2 6995138
TELEX: 034341156 SUBTEL CK</p> <p>001 SERVICIO DE GOBIERNO
003 NASA - CHILE
005 DIRECCION METEOROLOGICA DE CHILE</p> | <p>002 DIRECCION DEL TRANSITO AEREO (FUERZA
AEREA DE CHILE)
004 ENTEL CASILLA 4254</p> |
|--|--|

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PHL	Philippines
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<p>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</p> <p>B DEPARTMENT OF STATE, WASHINGTON D.C. 20520</p> <p>001 ARMED FORCES OF THE PHILIPPINES</p> <p>003 RCA COMMUNICATIONS, INC.</p> <p>005 GLOBE-MACKAY CABLE AND RADIO CORPORATION</p> <p>007 GLOBE WIRELESS LIMITED</p> <p>009 CLAVECILLA RADIO SYSTEM</p> <p>011 PHILIPPINE PRESS WIRELESS, INC., MANILA</p> <p>013 RADIO CONTROL DIVISION</p> <p>015 PORFIRIO T. MAIK, MANDALUYONG, RIZAL</p> <p>017 PHILIPPINES AIR LINES, INC. MANILA</p> <p>019 PHILIPPINE NAVAL PATROL</p> <p>021 BUREAU OF TELECOMMUNICATIONS</p> <p>023 DEPARTMENT OF STATE, WASHINGTON D.C. AND REPUBLIC OF THE PHILIPPINES, WASHINGTON D.C. AND MANILA</p> <p>025 LORETO F. DE HEMEDES</p> <p>027 MANILA RAILROAD COMPANY</p> <p>029 ENRIQUE OROZCO, MANILA</p> <p>031 PHILIPPINE LONG DISTANCE TELEPHONE CO.</p> <p>033 MANILA CHRONICLE PUBLICATIONS</p> <p>035 NATIONAL POWER CORPORATION</p> <p>037 ITOGON MINING COMPANY, BAGUIO, MT. PROVINCE</p> <p>039 COMMERCIAL AIR LINES, INC.</p> <p>041 J. V. BAGTAS, QUEZON CITY</p> <p>043 PHILIPPINE AIR FORCE, QUEZON CITY</p> <p>045 EMBASSY OF SINGAPORE</p> <p>047 CENTRAL AZUCARERA DEL NORTE C/O ELIZALDE AND CO.</p> <p>049 SAMAR MINING CO., C/O ELIZALDE AND CO.</p> <p>051 ANAKAN LUMBER COMPANY C/O ELIZALDE AND CO.</p> <p>053 NORTH CAMARINES LUMBER COMPANY</p> <p>055 FRANCISCO RAVINA</p> <p>057 PHILIPPINE NAVY, MANILA</p> <p>059 SILLIMAN UNIVERSITY, DUMAGUETE CITY, NEGROS ORIENTAL</p> <p>061 BUREAU OF COAST AND GEODETIC SURVEY</p> <p>063 PHILIPPINE OIL DEVELOPMENT COMPANY</p> <p>065 ACOJE MINING COMPANY</p> <p>067 LEGASPI OIL CO., INC.</p> <p>069 HIJOS DE F. ESCANO INC, CEBU CY.</p> <p>071 BOLINAO ELECTRONICS CORPORATION</p> <p>073 FRIEDER AND SONS AND CANTILLAN LUMBER COMPANY</p> <p>075 LASEDECO</p> <p>077 BUREAU OF FISHERIES</p> <p>079 FRANCISCO P. CERVANTES</p> <p>081 LAS ARENAS</p> <p>083 FREEDOM BROADCASTING</p> <p>085 MANILA TIMES PUBLISHING CO., MANILA</p> <p>087 SEGUNDO LUSTRE JR., S. DELMONTE, BULACAN</p> <p>089 MINDANAO COLLEGES</p>	<p>002 CIVIL AERONAUTICS ADMINISTRATION, MANILA</p> <p>004 MANILA BROADCASTING CO., MANILA</p> <p>006 UNITED PRESS ASSOCIATION</p> <p>008 FAR EAST BROADCASTING (PHILIPPINES)</p> <p>010 MARIANO ZAFRA, PASIG, RIZAL</p> <p>012 PHILIPPINE CONSTABULARY, QUEZON CITY</p> <p>014 FERNANDEZ HERMANOS, MANILA</p> <p>016 USIA</p> <p>018 J. AMADO ARANETA AND COMPANY</p> <p>020 BUREAU OF PRISONS</p> <p>022 CALTEX, PHILIPPINES</p> <p>024 DEPARTMENT OF STATE, WASHINGTON D.C.</p> <p>026 REPUBLIC OF THE PHILIPPINES</p> <p>028 VICENTE ARANETA</p> <p>030 WEATHER BUREAU</p> <p>032 RICE AND CORN PRODUCTION ADMINISTRATION</p> <p>034 BUREAU OF PUBLIC WORKS, MANILA</p> <p>036 MARSCON, INCORPORATED</p> <p>038 UNITED PARACALE MINING COMPANY</p> <p>040 GULF LUMBER COMPANY, INC.</p> <p>042 SANTA CECILLA SAWMILLS, INC.</p> <p>044 AGVID CONSTRUCTION COMPANY</p> <p>046 STANDARD COCONUT CORPORATION</p> <p>048 FILIPINAS PIONEER</p> <p>050 LA CARLOTA SUGAR CENTRAL, C/O ELIZALDE AND CO.</p> <p>052 ELIZALDE AND CO. INC., MAKATI, RIZAL</p> <p>054 ROSENO MAGLASANG, CEBU CY.</p> <p>056 ERMITA ELECTRONICS</p> <p>058 PHILIPPINE BROADCASTING CORPORATION</p> <p>060 CEBU BROADCASTING COMPANY, CEBU CITY, CEBU</p> <p>062 GOLDEN RIBBON LUMBER COMPANY</p> <p>064 BINALBAGAN-ISABELA SUGAR CO. INC.</p> <p>066 LUZON STEVEDORING COMPANY, MANILA</p> <p>068 LIBERTY BCTG. NETWORK, BACOR, CAVITE</p> <p>070 INTERNATIONAL BROADCASTING DIVISION, UNITED STATES DEPARTMENT OF STATE, U.S. EMBASSY, MANILA</p> <p>072 CENTRAL AZUCARERA DEL DANA, O, ESCALANTE, OCC. NEGROS.</p> <p>074 SAN MIGUEL BREWERY</p> <p>076 CEBU PORTLAND CEMENT COMPANY</p> <p>078 MARIO LIZARES, BACOLOD CITY, NEGROS OCCIDENTAL</p> <p>080 DEPARTMENT OF NATIONAL DEFENCE</p> <p>082 DOLE PHIL.</p> <p>084 UNIVERSITY OF THE PHILIPPINES, QUEZON CITY</p> <p>086 PANIQUI SUGAR MILLS</p> <p>088 MISAMIS RICE AND CORN CORPORATION</p> <p>090 G. PUYAT AND SONS INCS.</p>
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PHL	Philippines
091	RADIOWEALTH INC.
093	TEODORO P. ALBERTO
095	BUREAU OF QUARANTINE SERVICE
097	UNIVERSAL TELECOMMUNICATIONS SERVICE, BULACAN, BULACAN
099	ASSOCIATED STEAMSHIP LINES
101	NEW TRIBES MISSION OF THE PHILIPPINES
103	NORTHERN BCTG. CO.
105	(INK) IGLESIA NI KRISTO
108	BUTUAN LOGS INC.
111	U.S. AIR FORCE
113	ATENEO DE CAGAYAN
115	AMERICAN RADIO SCHOOL
117	CEBU INSTITUTE OF TECHNOLOGY
119	CEBU TECHNICAL SCHOOL
121	CENTRAL RADIO ELECTRONICS
123	METROPOLITAN INSTITUTE OF TECHNOLOGY
125	FEATI INSTITUTE OF TECHNOLOGY
127	GUZMAN INSTITUTE OF TECHNOLOGY
129	REPUBLIC RADIO ELECTRONICS INSTITUTE
131	HENRY CANOY
134	LAND SETTLEMENT DEVELOPMENT CO.
137	FELIX ALBERTO, MANDALUYONG, RIZAL
139	SAN MAURICIO MINING CO., INC
141	SEGUNDO SANTOS
144	MARTHA ENTERPRISES, INC.
147	BASILAN LUMBER
149	ANG. TIBAY, INC.
151	MARIANO LACSON
154	NATIONAL TEACHERS COLLEGE
156	KENRAM (PHIL) INC.
160	CITY ENGINEER, MANILA
162	NOTRE DAME BROADCASTING CORP.
164	EDUARDO LOPEZ
166	BELLO M. CASANOVA
168	MARSMAN AND CO., INC.
170	LIWAYWAY PUBLICATIONS, INC.
172	BALDOMERO A. DAVID, NAVOTAS, RIZAL
175	BUREAU OF CUSTOM
178	JOSEPH DE CASTRO
181	ZOILLO E. MASCULINO
183	H. R. LOPEZ
185	INTERNATIONAL COMM. CORP.
188	PHILIPPINE IRON MINES INC.
190	PLYWOOD INDUSTRIES INC.
193	TARLAC DEVELOPMENT CO.
195	ESSEL, INC.
198	OCEANIC WIRELESS NETWORK, INC.
200	A. L. AMMEN
202	DEMOCRITO O. PLAZA
204	AGUINALDO DEVELOPMENT CO.
207	SAN JOSE OIL CO., INC.
209	L. S. SARMIENTO AND CO., INC.
211	MANILA YELLOW TAXI, INC.
213	SARANGANI CATTLE CO., INC.
215	BUENO VALERIANO
217	COTTAGE DEVELOPMENT CORPORATION
220	NATIONAL FEDERATION OF SUGAR
222	ALLIED BROADCASTING CENTER
224	CHRONICLE BROADCASTING NETWORK
226	ASSOCIATED BCTG. CORP.
228	ZOILLO DEJARESCO JR
230	MARCELO VILLABA
232	CATHOLIC WELFARE ORG.
234	PEDRO ROA
092	EASEL AND COMPANY
094	TEODORO ROMASANTA INC, MANILA
096	VOICE OF AMERICA, UNITED STATES, STATE DEPARTMENT
098	METROPOLITAN WATER DISTRICT
100	MARINDUQUE MINING AND INDUSTRIAL CORPORATION
102	U.S. GOVERNMENT
104	CARLOS A. CO. THONG AND CO.
106	MISSIONARY AVIATION FELLOWSHIP
109	HERCULES LUMBER
112	PROGRESSIVE BUSINESS INSTITUTE
114	CENTRAL RADIO AND ELECTRONICS SCHOOL
116	ABELLANA TECHNICAL HIGH SCHOOL
118	CEBU POLYTECHNIC SCHOOL
120	NATIONAL RADIO SCHOOL AND INSTITUTE OF TECHNOLOGY
122	SOUTHERN INSTITUTE OF RADIO AND ELECTRONICS
124	CENTRAL INSTITUTE OF TECHNOLOGY
126	GENERAL INSTITUTE OF TECHNOLOGY
128	INSTITUTE OF RADIO ELECTRONICS
130	RADIO TRAINING INSTITUTE
133	MARIA CRISTINA CHEMICAL INDS.
136	BARTOLOME SAN DIEGO
138	GOLEDA
140	MARBLE CORPORATION OF THE PHILIPPINES
143	MA-AO SUGAR CENTRAL CO. INC., BACOLOD CY.
145	PHIL. PACKING CORP.
148	A. J. WILLS
150	PHILIPPINE NATIONAL RED CROSS
152	METROPOLITAN BROADCASTING CO.
155	JORGE J. TIRADOR
159	MONSERRAT BROADCASTING SYSTEM
161	LAPU-LAPU BROADCASTING CO. INC.
163	NORTH LUZON MAHOGANY EXPORT INC.
165	PUTIONAY DEV. CO. INC.
167	ATLAS CONSOLIDATED MINING AND DEVELOPMENT CORPORATION
169	WESTERN CAGAYAN LUMBER CO. INC.
171	HONORIO REYES
173	ELISEO LEMI AND CO.
177	GAUDENCIO S. MANALAC
179	RADIO COMMUNICATIONS OF THE PHILIPPINES
182	RICARDO P. OCAMPO
184	CESAR T. MAKAPUGAY, QUEZON CY.
186	FORTUNATO S. REGALADO
189	BACNOTAN CEMENT INDUSTRIES
192	MAINIT LUMBER AND DEVELOPMENT CO.
194	CIVIL DEFENCE ADMINISTRATION
196	CENTRAL PHILIPPINES BC COMPANY
199	PACIFIC BROADCASTING SYSTEM, INC.
201	SALT INDUSTRIES
203	ALFREDO NER
205	COMPANIA MARITIMA
208	TAGUM AGRICULTURAL DEVELOPMENT CO., INC.
210	WESTERN MINDANAO LUMBER CO., INC.
212	JORGE D. BAYONA
214	ARAS-ASAN TIMBER CO., INC.
216	RADIO PHILIPPINES NETWORK INC.
219	PHILIPPINES WIRELESS INC.
221	BENJAMIN ROMUALDEZ
223	FILIPINAS BROADCASTING NETWORK, INCORPORATED
225	NATIONAL COUNCIL OF CHURCHES
227	BLINAC ELECTRONICS CORP. ALTO BCTG. SYSTEM CHRONICLE BROADCASTING NETWORK (ABS/CBN)
229	SUSANO MAXILOM
231	L.N. AGUSTIN FARMS
233	RADIO MINDANAO NETWORK
235	BAYANIHAN BROADCASTING CORP.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PHL	Philippines
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<p>236 EAGLE BCTG. CORP. 238 ADELEIDA ZARAGOSA,MANDALUYONG,RIZAL</p> <p>240 MANILA BANKING CORP. 242 MAGUGPO AGRI. DEV. CORP. 244 LEPANTO CONSOLIDATED MINING CO. 246 TELEMARINE CO. 248 KAYUMANGI RADIO NETWORK 250 CELIA FISHING CORP.,NAVOTAS,RIZAL 252 PHILIPPINES FISCHERIES COMMISSION,MANILA 254 PHILIPINE PRESIDENT LINES INC.,MANILA</p> <p>256 FRABAL FISHING INDUSTRIES,MANILA</p> <p>258 HERNIE E.BALDO,NOVALICHES,RIZAL</p> <p>260 TEODORO ALBERTO,ANTIPOLO,RIZAL 262 GLOBE-MACKAY,LAS PINAS,RIZAL 264 MALAYAN TOWAGE AND SALVAGE CORP.,MAKATI,RIZAL 266 STANDARD (PHLIS) FRUIT CORP.,DAVAO CY. 268 TOP SERVICE INC.,MANILA 270 ABOITIZ SHIPPING CORP.,NO HARBOR MANILA 272 SEVEN BROTHERS SHIPPING CORP.,MAKATI,RIZAL 274 VICTORIAS MILLING CO. INC.,VICTORIAS,NEG.OCC. 276 MARTIMAN AND CO.INC.,MALABON,RIZAL</p> <p>278 METROPOLITAN BANK AND TRUST CO. 280 S CLARA LUMBER, INC. 282 DESIDERIO DALISAY INVESTMENT INC. 284 ALTA TEIRRA RESOURCES 286 NICANOR B. AVES 288 RICSAN DEV. CORP. 290 ALLIED BANKING CORP. 292 CAPITOL WIRELESS 294 NEW TRIBES MISSION. 296 PHIL. PACKING CORP. 298 AG. AND P. 300 CABRERA INDUSTRIES 302 EMBASSY OF AUSTRALIA 304 EMBASSY OF JAPAN 306 DOST - ADVANCE SCIENCE AND TECHNOLOGY INSTITUTE</p>	<p>237 BULLETIN RADIO NETWORK 239 VISAYAS MINDANAO CONFEDERATION OF TRADE UNIONS 241 HERNIE BALDO 243 FAR EAST BUSINESS ENT. 245 LUNA TIMBER CO. 247 MICROWAVE COMMUNICATION SYSTEM 249 R.C.P.I. 251 EUSEBIO SHIPPING LINES,CEBU 253 PHIL. COAST AND GEODETIC SURVEY,MANILA</p> <p>255 RJL MARTINEZ FISHING CORP.,MALABON RIZAL 257 FELIX ALBERTO AND CO. INC.,BACOR,CAVITE 259 PHIL GLOBAL COMMS.INC.,BALAGTAS,BULACAN 261 ROBERTO GAYA,MANILA 263 AMADO L. OLA,DAVAO CY. 265 GIL L.MATIAS,VALENZUELA,BULACAN</p> <p>267 CARLOS GO THONG AND CO,CEBU CY. 269 NORTHERN LINES INC.,MANILA 271 MENFISHCO INC.,MANILA</p> <p>273 SEA GEMS FISHING CORP.,QUEZON CY.</p> <p>275 BALDOMERO A.DAVID,NAVOTAS,RIZAL</p> <p>277 DOMESTIC SATELLITE PHL.INC, MADRIGAL BDG. AYALA AVE., MAKATI 279 PACKAGING STANDARD, PHL, INC. 281 TOMAS SANTIAGO 283 COTABATO VISAYAN DEV. CORP. 285 ELENA CO. HARDWARE 287 ASSOCIATED AGR ACTIV. INC. 289 ACOJE MINING CO. INC. 291 EASTERN TELECOMS PHILIPPINES, INC. 293 CAGAYAN RICE CENTER. 295 TAGRUM AGRI. DEV. 297 U.S.N. 299 FORTUNE EXPREESS 301 TALAHAG TIMBER 303 EMBASSY OF MALAYSIA 305 PHILIPPINE AGILA SATELLITE, INC.</p>
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PHX	Phoenix Islands
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B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

PLM	Palmyra Island
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A FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20520

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PLW	Palau (Rep. of)
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B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

PNG	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
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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
014	AST&SCIENCE LLC	015	INTELSAT SUBSIDIARY HOLDING COMPANY, LTD

PNR	Panama
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A INSTITUTO NACIONAL DE TELECOMUNICACIONES
GERENCIA EJECUTIVA INTERNACIONAL
APARTADO POSTAL 9A-659
PANAMA 9A PANAMA
PHONE: +507 278 4500
TELEFAX: +507 278 4600 / 4576
TELEX: 03792666 INTELGEI PG

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001	TROPICAL RADIO TEL. CO. BOSTON, MASSACHUSETTS	002	AEROPUERTO NAL., TOCUMEN GOBIERNO NACIONAL
003	FINCA SAN ANTONIO	004	CIRCUITO RPC, COLON
005	CADENA PANAMENA DE RADIODIFUSION	006	EMPRESAS PANAMENAS DE CURTIDOS, S.A.
007	RADIO CENTENARIO	008	CONCRETO, S.A.
009	RADIODIFUSION MARAMAR	010	LA VOZ DEL ISTMO
011	RADIO PANAMERICANA	012	NELLO L. TEER CO. CENTRAL AMERICA
013	RUBEN D. SAMUDIO Y MANUEL RAMON GUERRA	014	ALMACENES ROMERO, DAVID
015	ONDA POPULAR, PANAMA	016	RADIO LEBLANC
017	LA VOZ DEL BARU	018	COROZAL
019	LA VOZ DE PANAMA	020	RADIO PROVINCIAS
021	VICTOR F. MIRANDA	022	ONDAS ISTMENAS
023	CIA. PANAMENA DE ACEITES S.A.	024	RADIO EL MUNDO
025	LA RADIO NACIONAL	026	LA VOZ DEL VIGIA
027	ALONSO M. DIAZ	028	UNION TABLENA
029	RADIO ATLANTICO	030	ONDAS CENTRALES
031	RADIO SELECTA	032	LA INDEPENDIENTE
033	LA VOZ DE LA VICTOR	034	MADERAS DEIR
035	LA VOZ DEL TROPICO	036	ALMACEN LA COMPETENCIA S.A.
037	GOBIERNO NACIONAL	038	LA VOZ DEL PUEBLO
039	CLUB DE PESCA	040	EL MADERERO
041	REFINERIA PANAMA	043	RADIO HOGAR
044	CORPORACION PAN. DE RADIODIFUSION	045	RADIO MUSICAL

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PNR	Panama		
046	CADENA UNIVERSAL	047	RADIO ZARATI
048	LA VOZ DE ANCON	049	RADIO LA TRIBUNA
050	RADIO UNIVERSAL	051	CIA. AZUCARERA "LA ESTRELLA", S.A.
052	CIA. PETROLERA DE CALIFORNIA	053	THE TEXAS CO. PANAMA, INC.
054	AGENCIAS DE CABOTAJE, S.A. PANAMA	055	ELECTRONICO BALBOA S.A.
056	CIA. AGRICOLA PATINO S.A.	057	MINISTERIO DE OBRAS PUBLICAS, (CAMINOS AEROPUERTOS Y MUELLES), PANAMA
058	A.D. ABADIA Y CIA.	059	SUB-COMITE DEL CARIEN, PANAMA (INGENIERO TOMAS GUARDIA)
060	PANAMA AGENCIES CO.	061	CORRUGADO S.A.
062	GILBERTO G. DE ARCO	063	PROMARINA S.A.
064	CIA. ECUATORIANA DE AVIACION S.A.	065	CONSTRUCTORA DEL PACIFICO, S.A.
066	BOHANNON, S.A.	067	CORREOS Y TELECOMUNICACIONES, REPUBLICA DE PANAMA
068	CIA. DE MARISCOS ISLAS PERLAS, S.A.	069	BRANIFF AIRWAYS INC.
070	ABASTECEDORA INTERNACIONAL, S.A.	071	COMPANIA ATUNERA, S.A.
073	COMPANIA DE HELADOS SUAVEL	074	AGENCIAS COFFER
075	MISION BAUTISTA DE SAN BLAS	076	ABASTECEDORA SIETE MARES S.A.
077	PESCADORES UNIDOS S.A.	078	AUTORIDAD PORTUARIA NACIONAL
079	RADIO MIA	080	RADIO CULTURA, CONCEPCION
081	EMPRESAS ELECTRICAS DE CHIRIQUI	082	WESTREX CARIBBEAN CO.
083	COMPANIA PAN. DE FUERZA Y LUZ	084	CUERPO DE BOMBEROS DE PANAMA
085	TRANSPORTES AEREOS SANTENOS	086	COOPERATIVA PESQUERA, S.A.
087	PAN AMERICAN WORLD AIRWAYS	088	DISPENSARIO ANTITUBERCULOSO
089	JUAN B. ARIAS	090	HPTL NICOLAS SOLANO
091	RADIO VARIETADES	092	LEOPOLDO ROBLES
093	RADIO REFORMA	094	RADIO GUADALUPE
095	RADIO RELOS DE DAVID	096	RADIO AEROPUERTO
097	TELEVISORA NACIONAL S.A.	098	CAJA DEL SEGURO SOCIAL
099	CAPRINJA S.A.	100	INTERCOMSA, S.A.
101	FRANK MARSHALL	102	INSTITUTO NACIONAL DE TELECOMUNICACIONES
103	U.S. GOVERNMENT		

POL	Poland	
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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-KRAJOZNAWCZE	018	GORSKIE OCHOTNICZE POGOTOWIE RATUNKOWE
019	ZWIAZEK HARCERSTWA POLSKIEGO	020	MINISTERSTWO ROLNICTWA I GOSPODARKI ZYWMOSCIOWEJ
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

POL	Poland		
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 SUURLAEHETYSTOE, 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", SWINOUJSIE	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, POZNAN
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, POZNAN
103	SAD APPLE COMPUTER INC.	104	POLITECHNIKA SZCZECINSKA
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	UNIWERSYTET WARSZAWSKI	148	EMBASSY OF THE REPUBLIC OF SOUTH AFRICA, WARSZAWA
149	MORSKA AGENCJA, GDYNIA	150	ABB
151	RZGW, WROCLAW	152	RADIO ZET

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

POL	Poland
153	CANAL PLUS
155	RADIO WAWA
157	KATOLICKIE RADIO PODLASIA
159	RADIO GO, GORZOW WIELKOPOLSKI
161	RADIO CENTRUM, LUBLIN
163	RADIO KLEKS, BIELSKO-BIALA
165	RADIO POMOZE, BYDGOSZCZ
167	RADIO INOWROCLAW
169	RADIO ARNET, GDANSK
171	RADIO JAROCIN
173	RADIO PLESINO, PSZCZYNA
175	RADIO REJA, SZCZECINEK
177	RADIO KOLOBRZEG
179	RADIO LEGNICA
181	RADIO PARK, KEDZIERZYN
183	RADIO PIOTRKOW
185	RADIO 100, POZNAN
187	RADIO S, POZNAN
189	RADIO REKORD FM, RADOM
191	RADIO KORMORAN, WEGORZEWO
193	RADIO CITY, SLUPSK
195	ZEGLUGA BYDGOSKA
197	RADIO CLASSIC, LODZ
200	RADIO PM, KWIDZYN
202	SBB RODLO, BYTOM
204	RADIO AKADEMICKIE KRAKOW
206	RADIO WIBOR, NOWY SACZ
208	RADIO BOSS, PLOCK
210	RADIO GOLENIOW
212	RADIO ABC, SZCZECIN
214	RADIO REGIONALNE LELIWA, TARNOBRZEG
216	RADIO TORUN
218	RADIO MAZOWSZE, LOMIANKI
220	RADIO 44, SWINOUJSCIE
222	RADIO ILAWA
224	POLSKIE RADIO POMORZA I KUJAW S.A.
226	RADIO BIALYSTOK S.A.
228	RADIO KATOWICE S.A.
230	RADIO GDANSK S.A.
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
154	RADIO "LAN", PROSZOWICE
156	RADIO PLUS, GDANSK
158	RADIO CENTRUM, KALISZ
160	RADIO ALEX, ZAKOPANE
162	POLSKA ZEGLUGA BALTYCKA
164	POLSKA ZEGLUGA MORSKA
166	RADIO WEEKEND, CHOJNICE
168	CITY RADIO, CZESTOCHOWA
170	RADIO SUD, KEPNO
172	RADIO LETA, WODZISLAW SLASKI
174	RADIO VANESSA, RACIBORZ
176	RADIO POLNOC, KOSZALIN
178	RADIO ALFA, WEGRZCZE
180	RADIO ELKA, GOSTYN
182	RADIO PRO KOLOR, OPOLE
184	RADIO WINOGRADY, POZNAN
186	RADIO AFERA, POZNAN
188	RADIO PULS, PLOCK
190	RADIO 5, SUWALKI
192	RADIO VIGOR FM, SLUPSK
194	RADIO KIKS, LODZ
196	RADIO SUDETY, DZIERZONIOW
199	RADIO DELTA, BIELSKO-BIALA
201	RADIO EMISJA, KATOWICE
203	RADIO DARLOWO
205	ART-PRESS, LUBLIN
207	RADIO WA-MA, OLSZTYN
209	RADIO HIT-FM, MIELEC
211	POMORSKA STACJA RADIOWA
213	RADIO OPATOW
215	RADIO GRA, TORUN
217	BRW MODOX, WALBRZYCH
219	KATOLICKIE RADIO JOZEF, WARSZAWA
221	RADIO LEBORK
223	RADIO RADOM
225	RADIO FAMA, KIELCE
227	RADIO GAGA, BELCHATOW
229	RADIO LUBLIN S.A.
231	RADIO FAMA, OPOLE
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 ROZGLOSNIARADIOWA, 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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

POL	Poland		
302	RADWAR, WARSZAWA	303	INSPEKTORAT ZEGLUGI SRODLADOWEJ, SZCZECIN
304	ZEGLUGA SWINOUJSKA	305	INTERMARINE, SZCZECIN
306	TRAMP SERVICE, SZCZECIN	307	OSZGM, SZCZECIN
308	STOCZNIA PAPNICA, SZCZECIN	309	RADIO MARIACKIE, KRAKOW
310	UNITY LINE, SZCZECIN	311	DON SHIPPING AND TRADING, SZCZECIN
312	WOLMAR, SZCZECIN	313	ODRA LLOYD, SZCZECIN
314	RADIO DOBRA NOWINA, TARNOW	315	PKN S.A.
316	MORSKI PORT HANDLOWY S.A.	317	POLFRACHT GDYNIA
318	POLSKIE LINIE OCEANICZNE, GDYNIA	319	PORT SERVICE GDYNIA
320	STOCZNIA MARYNARKI WOJENNEJ, GDYNIA	321	ZEGLUGA GDANSKA
322	BALTIC MARINE SURVEYORS, GDYNIA	323	BALTIC UNISERVICE
324	MARINE CONSULTANTS, GDYNIA	325	NEPTUN SHIP SERVICE, GDYNIA
326	PUPM GDANSK	327	JUPITER SHIPPING SERVICES
328	PHU SEA-COMERCE, GDYNIA	329	OKMARIT, GDYNIA
330	ZRUO MERCO, GDYNIA	331	SWISSPOL, GDYNIA
332	PUM GDANSK-PILOT	333	MABALCO SHIPPING, SOPOT
334	PUM UNIPOL, GDYNIA	335	INTERMARINE, GDYNIA
336	PBP ENAMOR, GDYNIA	337	MONDIAL SHIPPING AND TRANSPORT, GDYNIA
338	GSS, GDYNIA	339	BALTYCKA AGENCJA ZEGLUGOWA, GDYNIA
340	POMORSKY MAKLERZY OKRETOWI	341	EAST-MAR SHIP BROKERS, GDYNIA
342	BALTIC SHIP-HANDLING SERVICES, GDYNIA	343	PPS PORT POLNOCNY, GDYNIA
344	NAFTOPORT, GDYNIA	345	DALMOR-PORT, GDYNIA
346	BALTIC CONTAINER LINES, GDYNIA	347	PORT HANDLOWY KOLOBRZEG
348	STOCZNIA USTKA	349	EUROCARGO SHIPPING, SZCZECIN
350	P.U.P BASEN GORNICZY, GDANSK	352	PPSU WOC, GDANSK
353	HYDROBUDOWA S.A., GDANSK	354	ODGW, GLIWICE
356	RETRANS CARGO C, SZCZECIN	357	POLMARINER SWINOUJSCIE
358	ODRAPORT, SWINDUJSCIE	359	ZAKLADY CHEMICZNE, POLICE
360	PHZ BALTONA S.A.	361	POLSHIPPING, GDYNIA
362	ENERGOPOL SA, SZCZECIN	363	POLFRACHT, SZCZECIN
364	BALTUS, SZCZECIN	365	PBH ODRA-2 WROCKAW
366	KOSIOR SHIPPING COMPANY, SZCZECIN	367	POLAGENT, SZCZECIN
368	CMIPOLBROK, GDYNIA	369	KOGA MARIS, HEL
370	BALTYCKI TERMINAL ZBOZOWY, GDYNIA	371	SUPERFISH, USTRONIE MORSKIE
372	PORT WISLANY GDANSK	373	MOSIR, GDANSK
374	WOG, GDYNIA	375	ELEKTROWNIA DOLNA ODRA S.A.
377	FHU "FLORIAN" GDANSK	378	PBH ODRA-1 OPOLE
379	MTMG, GDYNIA	380	AGENCIES POLAND LTD, SZCZECIN
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	SATREVOLUTION 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.,	409	Creotech Instruments S.A.

POR	Portugal
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A AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM)
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003 AUTORIDADE NACIONAL DE AVIACAO CIVIL

002 ESTADO-MAIOR-GENERAL DAS FORCAS ARMADAS
004 DIRECAO GERAL DE RECURSOS NATURAIS, SEGURANCA E SERVICOS MARITIMOS

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

POR	Portugal
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006	RADIO E TELEVISAO DE PORTUGAL, S.A.	007	MEO - SERVICOS DE COMUNICACOES E MULTIMEDIA, S.A.
014	REPRESENTACOES DIPLOMATICAS	015	CEIIA - CENTRO DE ENGENHARIA E DESENVOLVIMENTO

PRG	Paraguay
------------	----------

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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

PRU	Peru
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001	COMITE INTERINO DE TELECOMUNICACIONES INTERNACIONALES	002	PAN AMERICAN GRACE AIRWAYS INC.
003	CORPORACION PERUANA DE AEROPUERTOS Y AVIACION COMERCIAL	004	COMPANIA AVIACION FAUCETT
005	CORREOS Y TELECOMUNICACIONES	006	"VICTORIA" JOSE E. CAVERO
007	"LIBERTAD" JUAN P. GOICOCHEA	008	"RADIO NACIONAL" GOBIERNO DEL PERU
009	"EL SOL" COMPANIA RADIALES Y TELEV.	010	"CENTRAL" JUAN P. GOICOCHEA
011	"AMERICA" CIA PERUANA RADIODIF. S.A.	012	"SAN CRISTOBAL" JUAN M. DONGO
013	"MUNDIAL" GOBIERNO DEL PERU	014	"SELECTA" JOSE CAVERO A.
015	"CALLAO" ALEJANDRO SEMINARIO	016	"LIBERTAD" CARLOS BURMESTER
017	"LIMA" RADIO LIMA S.A.	018	"RURAL" RAUL MONTESINO
019	RADIO MIRAFLORES S.A.	020	"ATALAYA" HERNAN MIRANDA N.
021	"COLONIAL" RADIO COLONIAL S.A.	022	GONZALO JORDAN C.
023	"EXCELSIOR" HUMBERTO MIRENGHI	024	"CONTINENTAL" J. ANTONIO HUMBERT
025	"TRUJILLO" JUAN DONGO MONTOYA	026	"LANDA" MAXIMO LANDA
027	"UNIVERSAL" RAUL CLAUX BUGGE	028	"DEL CAR" CARLOS MONTJOY
029	PANAMERICANA TV. S.A.	030	CIA NEGOCIOS ULTRAMAR
031	DIRECCION DE INDUSTRIAS Y ELECTRICIDAD	032	FONDO NACIONAL DE DESARROLLO ECONOMICO
033	CIA MARITIMA PESQUERA	034	EMPRESA PESQUERA ILO
035	MINISTERIO AVIACION	036	CIA NACIONAL TELEFONOS
037	INSTITUTO GEOFISICO DE HUANCAYO, MINISTERIO DE FOMENTO	038	MINISTERIO GUERRA
039	MINISTERIO DE TRABAJO Y COMUNIDADES	040	SOCIEDAD GANADERA CORPACANCHA
041	ALL AMERICA CABLES AND RADIO INC.	042	DIRECCION DE CONSTRUCCIONES ESCOLARES
043	DIRECCION DE ADMINISTRACION PORTUARIA	044	SERVICIO ESPECIAL DE SALUD PUBLICAS
045	TELECOMUNICACIONES	046	SINDICATO MINERO RIO PALLANGA S.A.
047	FERNANDINI CLOTET	048	SOC. GANADERA ACAPANA
049	FACULTAD DE CIENCIAS FORESTALES UNIVERSIDAD AGRARIA	050	JUNTA DE CONTROL DE ENERGIA ATOMICA
051	SUPERINTENDENCIA GENERAL DE ADUANAS	052	S.A. RADIODIFUSION RADIO AREQUIPA
053	VOIR 24 - SEE 24 - VEASE 24	054	RADIO CUSCO, C. LIZARRAGA FISHER
055	RADIO AZUL	056	SERVICIO DE INVESTIGACION Y PROMOCION AGRARIA

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PRU	Peru
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
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.
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 ATACOCCHA S.A.
116	NEGOCIACION CIENEGUILLAS S.A.
118	CIA MINERA POSCO S.A.
120	MINAS DE MILLIACOCCHA 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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PRU	Peru
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 SALAVERY 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.
266	PESQUERA SANTA MARGARITA S.A.
268	INTERPOL - PERU
270	DISTRIBUIDORA CASSINELLI S.A.
272	CONSTRUCTORES ASOCIADOS
274	MANUFACTURAS DEL CENTRO S.A.
276	CIA AGRICOLA SAN PEDRO S.A.
278	CORPORACION GRAL DE LOS ADVENTISTAS DEL VII DIA
280	HDA. UNINGAMBAL
282	CIA MINERA LOS ANDES ORIENTALES S.A.
284	TABACALERA VALOR S.A.
286	COPSA
288	BANCO DE CREDITO DEL PERU
290	MINAS DE COBRE DE CHAPI S.A.
292	EUGENIO BAUMANN DE METZ S.A.
294	SOCIEDAD MINERA "EL BROCAL" S.A.
296	SINDICATO EXPLOTADOR DE SAYAPULLO S.A.
298	SOC. GANADERA DEL SUR
300	SOC. AGRICOLA POMALCA LTDA
302	SOC. MINERA YAULI LTDA
304	PESQUERA INDUSTRIAL HELLAND S.A.
306	TEA GARDENS S.A.
308	UNIVERSIDAD TECNICA DEL ANTIPLANO
310	REISER E CURIONI S.A.
312	PESQUERA TAMBO DE MORA
314	SOCIEDAD TELEFONICA DEL PERU
316	ANDERSON CLAYTON
318	COMPANIA PERUANA DE RADIODIFUSION S.A.
320	RADIO AREQUIPA 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.
267	LUIS PONCE Y JORGE BOLANOS R.
269	HUANDO S.A.
271	ENRIQUE CASSINELLI E HIJOS S.A.
273	CORPORACION DE RECONSTRUCCION Y FOMENTO DEL CUZCO
275	FCA. EL MILAGRO S.A.
277	CIA MINERA AZULCOCHA
279	BANCO REGIONAL DEL CENTRO
281	CONSTRUCTORES UNIDOS S.A.
283	COMERSA
285	ASPILLAGA ANDERSON HNOS S.A.
287	MINAS CANARIAS
289	LANIFICIO DEL PERU S.A.
291	FABRICA DE TEJIDOS URCOS S.A.
293	BANCO POPULAR DEL PERU
295	ROLLIN THORNE HIJOS S.A.
297	UTAH CONSTRUCTION AND MINING CO.
299	ZACHRY INTERNATIONAL INC.
301	SOC. GANADERA DEL CENTRO
303	PESQUERA DELFIN
305	PESQUERA CHIMBOTE S.A.
307	SOC. GANADERA CALDERA S.A.
309	SINDICATO MINERO PACOCOCHA S.A.
311	CRACE Y CIA
313	WELLS OVERSEAS LTDA
315	LA PRENSA
317	PRODUCTOS ALIMENTICIOS PRALSA S.A.
319	EXPLOTADORA LA FAVORITA
321	COMISION NACIONAL DE INVESTIGACION Y DESARROLLO AEROSPACIAL

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

PTC	Pitcairn Island
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- 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
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- 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. |
| 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 | |

QAT	Qatar
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|--|---|
| 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 USCENAF |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

QAT	Qatar		
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034	MAERSK OIL QATAR	035	QATAR SATELLITE COMPAGNY (QSC)
036	ARAB SATELLITE COMMUNICATIONS ORGANIZATION (ARABASAT)	037	QATARI ARMED FORCES

REU	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 84 23 19 93 (Services de Terre)
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
 TELEFAX: +33 1 84 23 19 93 (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

ROD	Rodrigues		
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A THE DIRECTOR
 TELECOMMUNICATIONS DEPARTMENT
 EDITH CAVELL STREET
 PORT LOUIS
 TELEX: 4000 DIRTEL IW

001	OVERSEAS TELECOMMUNICATIONS SERVICES CO. LTD.	002	MAURITIUS BROADCASTING CORPORATION FOREST SIDE
003	CIVIL AVIATION DEPARTMENT	004	POLICE DEPARTMENT
005	DISTRICT ADMINISTRATION OFFICE		

ROU	Romania		
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A NATIONAL AUTHORITY FOR MANAGEMENT AND REGULATIONS IN COMMUNICATIONS OF ROMANIA
 DELEA NOUA STREET 2
 030925 BUCHAREST SECTOR 3
 ROMANIA
 EMAIL: ancom@ancom.ro
 URL: www.ancom.ro
 TELEFAX: +40 03 72 84 54 02

B MINISTRY OF FOREIGN AFFAIRS
 P.O. BOX 176, FI-00023 GOVERNMENT
 FINLAND
 TELEFAX: +358 9 629 840
 EMAIL: kirjaamo.um@formin.fi
 URL: www.formin.fi

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

ROU	Romania
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- C** ROMANIAN SPACE AGENCY
 MENDELEEV STREET 21-25 010362 BUCHAREST
 SECTOR 1
 ROMANIA
 TELEFAX: +40 21 312 88 04
 EMAIL: rosa-hq@rosa.ro
 PHONE: +40 21 316 87 20
 URL: www.rosa.ro
- D** MINISTRY OF NATIONAL DEFENCE
 IZVOR STREET 10
 050561 BUCHAREST SECTOR 5
 ROMANIA
 EMAIL: secretariat_general@mapn.ro (General enquiries)
 EMAIL: narfa@mapn.ro (Terrestrial Radiocommunications Services)
 EMAIL: space@mapn.ro (Space Radiocommunications Services)
 TELEFAX: +40 21 319 58 64 (General enquiries)
 TELEFAX: +40 21 319 57 09 (Terrestrial Radiocommunications Services)
 TELEFAX: +40 21 319 57 08 (Space Radiocommunications Services)
 URL: www.mapn.ro
 TELEFAX: +40 03 72 84 54 02
- E** MINISTRY OF RESEARCH, INNOVATION AND DIGITIZATION
 MENDELEEV STREET 21-25 010362 BUCHAREST
 SECTOR 1 (GENERAL ENQUIRIES)
 LIBERTATII BLVD. 14 050706 BUCHAREST SECTOR 5
 (RADIOCOMMUNICATION SERVICES)
 ROMANIA
 TELEFAX: +40 21 312 66 17
 PHONE: +40 21 303 41 98 / +40 21 303 41 99
 EMAIL: office@research.gov.ro (General enquiries)
 EMAIL: dce@research.gov.ro (Radiocommunications Services)
 URL: www.research.gov.ro
- F** SWEDISH POST AND TELECOM AGENCY
 P.O. BOX 6101
 SE-102 32 STOCKHOLM
 SWEDEN
 TELEFAX: +46 8 678 55 05
 EMAIL: pts@pts.se
 URL: www.pts.se
- G** DIRECTORATE OF COMMUNICATIONS
 MEVLANA BULVARI
 NO 144 CANKAYA, ANKARA
 REPUBLIC OF TURKIYE
 TELEFAX: +90 312 590 20 00
 EMAIL: webinfo@iletisim.gov.tr
 URL: www.iletisim.gov.tr
- | | |
|---|---|
| 001 DIRECTORATE OF ELECTRONIC COMMUNICATIONS | 002 EMBASSY OF REPUBLIC OF TURKIYE |
| 003 EMBASSY OF FINLAND | 004 EMBASSY OF SWEDEN |
| 005 REGIA AUTONOMA ROMTELECOM, BUCURESTI | 006 BULEYARDUL CAROL I NR. 109, BUCURESTI |
| 007 ROMANIAN SPACE AGENCY | 008 NATIONAL MILITARY RADIO FREQUENCY AGENCY |
| 009 NATIONAL MILITARY SPACE AND RADIOCOMMUNICATIONS AGENCY | 010 ROMANIAN AMATEUR RADIO FEDERATION |

RRW	Rwanda
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- A** AGENCE RWANDAISE DE REGULATION DES SERVICES
 D'UTILITE PUBLIQUE (RURA)
 KIGALI
 REPUBLIQUE DU RWANDA
 PHONE: +250 58 45 63
 TELEFAX: +250 73110
 TELEX: 0909 22573 DIRGENTEL RW
- | | |
|--|----------------------------|
| 001 TELECOMMUNICATIONS | 002 AVIATION CIVILE |
| 003 RADIO RWANDA, BP83, KIGALI | 004 SKY-G |
| 005 MARVEL SPACE COMMUNICATIONS CO. | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

RUS	Russian Federation
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A	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	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
C	DIRECTION GENERALE DES POSTES, TELEGRAPHES ET TELEPHONES DEPARTEMENT DES TELEGRAPHES ET DES TELEPHONES, ANKARA		
D	MINISTRY OF POSTS AND TELECOMMUNICATIONS OF THE RUSSIAN FEDERATION DEPARTMENT FOR INTERNATIONAL RELATIONS 7, TVERSKAYA STREET 103375 MOSKVA, K-375		
E	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		
F	RUSSIAN FEDERAL SERVICE FOR HYDROMETEOROLOGY AND ENVIRONMENTAL MONITORING (ROSGIDROMET) 12, NOVOVAGANKOVSKY 123242 MOSKOW		
001	MINISTERE DES COMMUNICATIONS POSTALES ET ELECTRIQUES, MOSCOU	002	GOUVERNEMENT DE LA SUEDE
003	EMBASSY OF THE REPUBLIC OF TURKEY	004	MISSION PERMANENTE DE RUSSIE
005	COMINCOM, MOSKVA	006	COMSTAR, MOSCOW
007	ROSTELECOM, MOSCOW	008	INTERNATIONAL TELECOMMUNICATIONS SERVICE (INTSVIAZ) MOSCOW
009	INTERNATIONAL SWITCHING CENTRE, MOSCOW	010	TECHNICAL CENTRE FOR LONG-DISTANCE AND INTERNATIONAL TELEVISION AND SOUND BROADCASTING
011	RUSSIAN SATELLITE COMMUNICATIONS COMPANY (RSCC)	012	RUSSIAN STATE COMPANY FOR TELEVISION AND RADIO BROADCASTING "OSTANKINO"
013	ALL RUSSIAN STATE COMPANY FOR TELEVISION AND RADIO BROADCASTING	014	BIZNESSVIAZJOINT STOCK CO., MOSCOW
015	INFORMKOSMOS JOINT STOCK CO., MOSCOW	016	JOINT-STOCK COMPANY "GAZPROM SPACE SYSTEMS"
017	LAVOCHKIN PRODUCTION ASSOCIATION	018	INTERNATIONAL FUND OF INVESTMENT AND PRIVATISATION
019	ELEKON-STIR JOINT STOCK CO.	020	KOSS JOINT STOCK CO.
021	GLOBAL INFORMATION SYSTEMS (GIS)	022	SVYAZ TRANSNEFT
023	UGOLTELEKOM	024	IRIDIUM-EVRAZIA
025	TELEPORT-TP	026	CROSNA
027	SVYAZ TRANSNEFT	028	SATKOM-TEL
029	RUSTEL	030	SATIS-TL-94
031	CSS	032	GLOBAL ONE
033	GENERAL SATELLITE CORPORATION	034	MOSKOVSKIY TELEPORT
035	VOSTOKINFOKOSMOS	036	MERCURY LTD
037	STATE SPACE SCIENTIFIC AND PRODUCTION CENTRE	038	JCS ROSTELESAT
039	MTRK MIR	040	MTK SIRENA
041	IVL COMMUNICATIONS	042	MOSCOW TELEPORT
043	KRILYON	044	RST-1
045	SFIT LTD. CO	046	ZAO AEROKOM
047	KOMET	048	KAMALYASKOM
049	VOSTOKTELEKOM	050	TELEKROS

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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 TELSİKOM
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 KONSTRUKTORSKOE 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 EKSPEDITIONNAYA 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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

RUS	Russian Federation
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S	Sweden
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<p>165 LLC "T2 MOBILE"</p> <p>167 FSUE VNIIFTRI</p> <p>169 RUS TELNET LLC</p> <p>171 D.C. ORBITAL LIMITED LIABILITY COMPANY</p>	<p>166 FEDERAL STATE UNITARY ENTERPRISE RADIO RESEARCH AND DEVELOPMENT INSTITUTE (NIIR)</p> <p>168 LLC DAURIA - SATELLITE TECHNOLOGY</p> <p>170 LLC BUREAU-1440</p>
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<p>A SWEDISH POST AND TELECOM AGENCY (PTS) P.O. BOX 5398 S-102 49 STOCKHOLM TELEFAX: +46 8 6785505 TELEX: 054 40777 RADCON S</p> <p>B MINISTERE DES AFFAIRES ETRANGERES DE LA REPUBLIQUE SOCIALISTE DE ROUMANIE BUCURESTI</p> <p>001 STROEMS KOMMUN</p> <p>003 ADMINISTRATION DES FORCES HYDRAULICS, STOCKHOLM</p> <p>005 DIRECTION GENERALE DE LA NAVIGATION MARITIME</p> <p>007 INSTITUT CENTRAL METEOROLOGIQUE ET HYDROGRAPHIQUE, STOCKHOLM</p> <p>009 A-RINGEN AB, ANDERSTORP</p> <p>011 SVENSKA AEROPLAN AKTIEBOLAGET, LINKOEPING</p> <p>013 HULTSFREDS KOMMUN</p> <p>015 VISBY STADS HAMNDIREKTION, VISBY</p> <p>017 AIRTACO AB, STOCKHOLM 40</p> <p>019 TORSBY KOMMUN</p> <p>021 VAESTERAES FLYGKLUBB, VAESTERAES</p> <p>023 LINKOEPINGS TRANSPORTINDUSTRI AB, LINKOEPING</p> <p>025 MALMOE HAMNFOERVALTNING, MALMOE</p> <p>027 SKANDINAVISK LINJETRAFIK AB, REDERIAVD., LANDSKRONA</p> <p>029 FINNAIR AERO O/Y, HELSINGFORS</p> <p>031 HUDIKSVALL KOMMUN</p> <p>033 HAMNFOERVALTNINGEN, NYNASHAMN</p> <p>035 BOGSORARAKTIEBOLAGET, SVEN, GOETEBORG</p> <p>037 BLIDBERG METCALFE AND CO, GOETEBORG</p> <p>039 YNGEREDSFORS KRAFT AB, MOELNDAL</p> <p>041 LIDKOEPIK KOMMUN</p> <p>043 DALA AIRPORT AB, BORLAENGE</p> <p>045 NYGE AERO AB, NYGEVERKEN, NYKOEPIK</p> <p>047 AMBASSADE DE LA REPUBLIQUE SOCIALISTE DE ROUMANIE A STOCKHOLM</p> <p>049 LYCKSELE STAD</p> <p>051 FERINGE FLYGKLUBB</p> <p>053 EMMABODA KOMMUN</p> <p>055 KRISTIANSTADS KOMMUN</p> <p>057 SWEDISH RED CROSS</p> <p>059 MORA KOMMUN</p> <p>062 VE SAT TELECOMMUNICATIONS AB</p> <p>064 ARVIDSJAURS KOMMUN</p> <p>066 TERACOM SVENSK RUNDRADIO AB</p> <p>068 MCI TELECOMMUNICATIONS INC.</p> <p>070 TRANAAS NAERRADIOFOERENING</p> <p>091 LINKOEPINGS STADS BYGGNADSKONTOR, LINKOEPING</p> <p>099 KARLSKOEGA KOMMUN</p> <p>101 FALKOEPIK KOMMUN</p> <p>103 NYKOEPIK OXELOSUND FLYGPLATS AB</p> <p>105 SOEDERHAMNS KOMMUN</p>	<p>002 TELIA AB</p> <p>004 DIRECTION ROYALE DE L'AERONAUTIQUE CIVILE, STOCKHOLM</p> <p>006 GOUVERNEMENT</p> <p>008 DEPARTEMENT DE LA MARINE</p> <p>010 SVERIGES RADIO AB, STOCKHOLM</p> <p>012 STOCKHOLMS NYA FLYGSKOLA, HYDEN CO, SKAA</p> <p>014 DIRECTION GENERALE DES CHEMINS DE FER, STOCKHOLM</p> <p>016 GAEVLE-SANDVIKENS FLYGFAELT AB</p> <p>018 SCANDINAVIAN AIRLINES SYSTEM, STOCKHOLM 12</p> <p>020 DEGERFORS FLYGKLUBB, VINDELN</p> <p>022 STENSELE STORUMANS FLYGKLUBB, STENSELE</p> <p>024 JAERNA KOMMUNS FLYGTRAFIKKOMMITTE, VANSBRO</p> <p>026 FALKENBERGSSTADS HAMNSTYRELSE, FALKENBERG</p> <p>028 AB SILJANSFLYG, ESLOEV</p> <p>030 BILAE GARNAS INKOEPSFOERENING, STOCKHOLM</p> <p>032 EDSBYNS FLYGKLUBB, EDSBYN</p> <p>034 ESKILSTUNA FLYGPLATS</p> <p>036 C.L. HANSSONS STUVERI AB, GOETEBORG</p> <p>038 ESRO</p> <p>040 KIRUNA GEOFYSSKA OBSERVATORIUM</p> <p>042 LUDVIKA KOMMUN</p> <p>044 HAMNFOERVALTNINGEN, OSKARSHAMN</p> <p>046 LUND INSTITUTE OF TECHNOLOGY, DEPARTMENT OF APPLIED ELECTRONICS VAEXJOE FLYGPLATS AB</p> <p>048</p> <p>050 SWEDISH SPACE CORPORATION</p> <p>052 UMEAA FLOTTNINGSFOERENING, UMEAA</p> <p>054 FYRSTADS FLYGPLATS AB</p> <p>056 OEREBRO LAENS FLYGPLATS AKTIEBOLAG</p> <p>058 TURKISH EMBASSY</p> <p>061 HAGFORS KOMMUN</p> <p>063 VILHELMINA KOMMUN</p> <p>065 SWEDISH TELECOM INTERNATIONAL AB</p> <p>067 STANDARD RADIO SYSTEMS AB</p> <p>069 ESSNET AB</p> <p>071 SES SIRIUS AB</p> <p>098 SKAANSKA CEMENT AB, MALMOE</p> <p>100 WORLD MARITIME UNIVERSITY</p> <p>102 GOETEBORG SAEVE FLYGPLATS AB</p> <p>104 EMBASSY OF USSR</p> <p>106 SVENSKA SKIFFEROLJE AB, OEREBRO</p>
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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 MOTORSÄLLSKAP, SOEDERHAMN
589	GULLVIKS FABRIKS AB, MALMOE	590	SVENSK FLYGTJÄNST 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, HÆLSINGBORG	598	ANGFARTYGS AKTIEBOLAGET GOTLAND VISBY
599	GÆVLE STADS HAMNFOERVALTNING, GÆVLE	600	NORRKOEPINGS STADS HAMNFOERVALTNING, NORRKOEPING
601	SKOEVD E 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	GÆLLIVARE 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	LULEÅA NAERRADIO IDEELL FOERENING
624	RADIO SANDVIKEN	625	VAERMOE NAERRADIO
626	RADIO MARIESTAD	627	LINDESBERGS NAERRADIOFOERENING
628	JÆRFAELLA 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	HÆSSLEHOLMS 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	UMEA RADIOINTRESSENTER KB
650	HAABO NAERRADIOFOERENING	651	NOBD SAT DX KLUBB
652	LEKSANDS NAERRADIOFOERENING	653	NYHYTTANS ADVENTSKYRKA
654	LIDINGOE NAERRADIOFOERENING	655	BORLÆNGE 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	LULEÅ TEKNISKA UNIVERSITET (LTU)	667	THE ROYAL INSTITUTE OF TECHNOLOGY
668	OHB SWEDEN AB	669	BEYOND ATLAS AB
670	V3GS COMMUNICATIONS SWEDEN AB		

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SDN	Sudan (Republic of the)
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- A** THE SECRETARY GENERAL
 MINISTRY OF SCIENCE AND COMMUNICATIONS
 P.O BOX 7379
 11123 KHARTOUM
 SUDAN
 EMAIL: terrestrial@ntc.gov.sd; satellite@ntc.gov.sd
 TELEFAX: +249 187 177 777 / 171 112
 TELEX: 0984 22299 GENTEL SD
 PHONE: +249 187 173 710 / 711
- B** THE DIRECTOR GENERAL
 TELECOMMUNICATIONS AND POST REGULATION AUTHORITY TPRA
 P.O. BOX 2869
 SUDAN

 TELEFAX: +249 183 562 360
 EMAIL: Satellite@tpra.gov.sd
 TELEX: 61050 POSTGEN
- C** THE UNDER SECRETARY
 MINISTRY OF COMMUNICATIONS
 KUWAIT
 TELEX: 0496 US PTT 22197 KT
- | | |
|---|--|
| 001 SUDAN TELECOM COMPANY (SUDATEL),
KHARTOUM | 002 EGYPTIAN STATE TELEGRAPHS AND
TELEPHONES |
| 004 EMBASSY OF THE STATE OF KUWAIT | 005 SUDAN GOVERNMENT (SECURITY) |
| 007 MINISTRY OF SOCIAL AFFAIRS, KHARTOUM | 008 CIVIL AVIATION DEPARTMENT |
| 011 CENTRAL ELECTRICITY AND WATER
ADMINISTRATION | 013 LEGATION OF FEDERAL PEOPLE'S REPUBLIC
OF YUGOSLAVIA |
| 017 SUDAN RAILWAYS | 018 PORT MANAGER |
| 019 SUDAN GEZEIRA BOARD, BARAKAT | 020 IRRIGATION DEPARTMENT, MINISTRY OF
AGRICULTURE |
| 021 SUDAN GOVERNMENT LOCUST CONTROL | 022 SUDAN NEWS AGENCY |
| 024 LAND USE AND RURAL WATER DEVELOPMENT
DEPARTMENT | 025 KENYA POLICE |
| 026 MINISTRY OF COMMUNICATIONS AND
INFORMATION TECHNOLOGY | 027 SUDANESE MOBILE TELEPHONE COMPANY
LIMITED (ZAIN SUDAN) |
| 028 MTN SUDAN | 029 SUNACS (SUDANESE NATIONAL COMMITTEE
FOR SPACE) |

SEN	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
 PHONE: +221 33 869 0369
 TELEFAX: +221 33 869 0370
 TELEX: 0906 1296 SNTAG SG
 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
- | | |
|--------------------------------------|--|
| 007 DEFENSE NATIONALE | 011 FORCES ARMEES DU SENEGAL |
| 012 FORCES ARMEES FRANCAISES | 022 MINISTERE DE L'INTERIEUR |
| 031 RADIODIFFUSION TELEVISION | 041 SOCIETE NATIONALE DES
TELECOMMUNICATIONS DU SENEGAL |
| 042 AVIATION CIVILE | 043 PHARES ET BALISES |
| 046 RADIOELECTRICITE PRIVEE | 051 PRESIDENCE DE LA REPUBLIQUE/ MINISTERE
DES AFFAIRES ETRANGERES |
| 052 DOUANES | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SEY	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
- | | |
|---|---|
| 001 CABLE AND WIRELESS LTD., SEYCHELLES | 002 DEPARTMENT OF INFORMATION COMMUNICATIONS TECHNOLOGY (DICT) |
| 003 SEYCHELLES GOVERNMENT | 004 SEYCHELLES CIVIL AVIATION AUTHORITY (SCAA) |
| 005 CHELONIA COMPANY LIMITED (CCL) | 007 KOKONET Limited |
| 008 EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA | 009 AIRTEL SEYCHELLES Ltd. (AIRTEL) |
| 010 BRITISH HIGH COMMISSION | 011 AMBASSADE DE FRANCE |
| 012 SEYCHELLES COMMERCIAL BANK (SCB) | 013 NOUVOBANQ SIMBC |
| 014 MINISTRY OF EDUCATION (MOE) | 018 SEYCHELLES POLICE |
| 019 INTELVISION | 020 SEYCHELLES BROADCASTING CORPORATION (SBC) |
| 021 MANAGEMENT OF PRESIDENT'S AFFAIRS OF UNITED ARAB EMIRATES PTY LTD (MPA OF UAE) | 022 CRYSTAL (SEYCHELLES) LTD |
| 023 PURE FM (SEYCHELLES) | 024 SEYCHELLES ISLAND FOUNDATION (SIF) |
| 025 MINISTRY OF FOREIGN AFFAIRS AND TRANSPORT (MFAT) | 026 SEYCHELLES FISHING AUTHORITY (SFA) |
| 027 BARCLAYS BANK PLC (BARCLAYS) | 028 DIVISION OF RISK AND DISASTER MANAGEMENT (DRDM) |
| 029 MINISTRY OF PRESIDENTIAL AFFAIRS OF UNITED ARAB EMIRATES (UAE) | 030 KREOL ENTERTAINMENT LTD (KE) |

SHN	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
EMAIL: ifc.enquiries@ofcom.org.uk
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G
- | | |
|---|------------------------------------|
| 001 CABLE AND WIRELESS PLC, LONDON | 002 GOVERNMENT OF S. HELENA |
| 003 U.K. GOVERNMENT | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SLM	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

001	B.S.I.P. ADMINISTRATION	002	MISSIONARIES AVIATION FELLOWSHIP
003	SUPERINTENDENT OF CIVIL AVIATION	004	SOLOMON ISLANDS BROADCASTING SERVICE
006	P. AND T. DEPARTMENT	007	FLEET SPACE TECHNOLOGIES PTY. LTD.
008	PANGEA NETWORKS LLC	009	SOLOMON KILOHERTZ LLC

SLV	El Salvador
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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.
EMAIL: UIT@SIGET.GOB.SV
PHONE: +503 2257 4438
TELEFAX: +503 2257 4495
TELEFAX: +503 2257 4499

001	A.R. INGENIEROS ASOCIADOS, S.A. DE C.V.	002	A.T.C.INTERNATIONAL DE CENTROAMERICA, S.A. DE C.V.
003	ABC FM STEREO, S.A. DE C.V.	004	ACACYA DE R.L.
005	ACADEMIA NACIONAL DE SEGURIDAD PÚBLICA - ANSP	006	ACASAPUFE
007	ACOMET, DE R.L.	008	ACOTACOBRA DE R.L.
009	ADAN ERNESTO LOPEZ RODRIGUEZ	010	ADMINISTRACION NACIONAL DE ACUEDUCTOS Y ALCANTARILLADOS (ANDA)
011	AERODESPACHOS DE EL SALVADOR, S.A. DE C.V.	012	AEROJET DE EL SALVADOR, S.A. DE C.V.
013	AERONÁUTICA CIVIL	014	AES-CLESA Y COMPAÑIA, S. EN C. DE C.V.
015	AIRLINE SUPPORT SERVICES OF EL SALVADOR, S.A. DE C.V. (ASALSA, S.A. DE C.V.)	016	ALBA NOEMI ALVEÑO DE RAMÍREZ
017	ALBERTINA MARIA SUAREZ DE TEAGUE	018	ALBERTO Y MARIO, S.A. DE C.V.
019	ALCALDIA MUNICIPAL DE CAROLINA	020	ALCALDIA MUNICIPAL DE NUEVA GUADALUPE
021	ALCALDIA MUNICIPAL DE SAN SALVADOR	022	ALCALDIA MUNICIPAL DE TEXISTEPEQUE
023	ALCALDIA MUNICIPAL NUEVA CONCEPCIÓN	024	ALERTA EMPRESA, S.A. DE C.V.
025	ALEX BLADIMIR CALMO HERRERA	026	ALIRIO ANTONIO CAMPOS
027	ALLEN EDGARDO VASQUEZ HIDALGO	028	ALMACENADORA CENTROAMERICANA, S.A DE C.V.
029	ALMACENES DURAN TURCIOS, S.A. DE C.V.	030	ALMACENES SIMAN, S.A. DE C.V.
031	ALPRE, S.A. DE C.V.	032	ALUMINIO DE CENTROAMERICA, S.A. DE C.V.
033	AMERICA WEST AIRLINES, INC	034	AMERICAN AIRLINES, INC
035	AMERICAN INDUSTRIAL PARK, S.A. DE C.V. (AMERICAN PARK, S.A. DE C.V.)	036	AMERICANA DE TELECOMUNICACIONES, S.A. DE C.V.
037	AMERICATEL EL SALVADOR, S.A. DE C.V.	038	AMNET DATOS, S.A. DE C.V. (ANTES AMNET DATOS LTDA. DE C.V.)
039	AMNET TEL, S.A. DE C.V. (ANTES AMNET TEL Y COMPAÑIA, S. EN C. DE C.V.)	040	ANGEL Y MERLOS ARQUITECTOS ASOCIADOS
041	APARICIO CIRCUITO RADIOFÓNICO DE ORIENTE, S.A. DE C.V.	042	ASAMBLEA LEGISLATIVA DE EL SALVADOR
043	ASOC. COOP. DE APROV. Y CONS. DE TAXISTAS LA NACIONAL DE R.L.	044	ASOCIACION AGAPE DE EL SALVADOR
045	ASOCIACIÓN COMUNAL SEGUNDO MONTES	046	ASOCIACIÓN COORDINACIÓN DE COMUNIDADES PARA EL DESARROLLO DEL CACAHUATIQUE - CODECA
047	ASOCIACION CULTURAL DE DIFUSIONES EVANGELICAS SALVADOREÑAS, (ACUDES)	048	ASOCIACIÓN DE COMERCIANTES Y VENDEDORES MIGUELEÑOS
049	ASOCIACION DE COMUNIDADES CAMPESINAS ANGEL MARIA	050	ASOCIACIÓN DE RADIOS Y PROGRAMAS PARTICIPATIVOS DE EL SALVADOR _ARPAS
051	ASOCIACIÓN EVANGÉLICA "AGENCIA MISIONERA DEL AIRE"	052	ASOCIACION IZCANAL

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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 DIOCESIS DE SAN MIGUEL
229	IGLESIA CATOLICA DE EL SALVADOR, DIOCESIS DE SANTA ANA	230	IGLESIA CATOLICA EN SANTIAGO DE MARIA, DIOCESIS
231	IGLESIA CRISTIANA DE RESTAURACION	232	IGLESIA DE DIOS
233	IGLESIA DE DIOS "MANANTIALES DE VIDA ETERNA"	234	IGLESIA DEL CUERPO DE CRISTO EN EL SALVADOR
235	IGLESIA EVANGÉLICA DE EL SALVADOR, MISIÓN CENTROAMERICANA.	236	IGLESIA EVANGELICA NAZARETH
237	IGLESIA MINISTERIO EVANGELISTICO CRISTO REFUGIO EN LA TEMPESTAD	238	IGLESIA MINISTERIO EVANGELÍSTICO UN CLAMOR HACIA DIOS EN LOS TIEMPOS FINALES
239	IGLESIA PENTECOSTAL "DIOS ES AMOR"	240	IGLESIA PENTECOSTAL BETHEL
241	IMMER ALFARO CLIMACO	242	INFANTOZZI BARON, S.A. DE C.V.
243	INFOMED, S.A. DE C.V.	244	INFRAESTRUCTURA UNIVERSAL DE TELECOMUNICACIONES, S.A. DE C.V.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SLV	El Salvador
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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.

SMA	American Samoa
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A FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU
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B DEPARTMENT OF STATE
WASHINGTON D.C. 20520

001 COMSAT

SMO	Samoa
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001 SAMOAN GOVERNMENT
003 "PRIVATE"

002 DEPARTMENT OF CIVIL AVIATION

SMR	San Marino
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001 INTELCOM SAN MARINO S.P.A

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SNG	Singapore
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- A** INFOCOMM MEDIA DEVELOPMENT AUTHORITY, SINGAPORE
 10 PASIR PANJANG ROAD #03-01
 MAPLETREE BUSINESS CITY
 SINGAPORE 117438
 REPUBLIC OF SINGAPORE
 EMAIL: info@imda.gov.sg
 TELEFAX: +65 6577 3888
 TELEX: 087 RS20319 SINTAS
- | | |
|--|---|
| 001 GOVERNMENT OF SINGAPORE | 002 SINGAPORE TELECOM PTE LTD. |
| 003 MINISTRY OF DEFENCE, SINGAPORE | 004 POLICE DEPARTMENT |
| 005 METEOROLOGICAL OFFICE | 006 BRITISH BROADCASTING CORPORATION |
| 007 NTUC VOICE CO-OPERATIVE SOCIETY LTD. | 008 SAFRA (SINGAPORE ARMED FORCES
RESERVISTS'ASSOCIATION) |
| 009 CIVIL AVIATION AUTHORITY OF SINGAPORE | 010 PRIVATE BUSINESS OPERATOR |
| 011 SINGAPORE BROADCASTING CORP. P.O.BOX
1902, SINGAPORE | 012 SAFRA NATIONAL SERVICE ASSOCIATION |
| 013 INFOCOMM MEDIA DEVELOPMENT AUTHORITY,
SINGAPORE | 014 NANYANG TECHNOLOGICAL UNIVERSITY
(NTU), SATELLITE RESEARCH CENTRE
(SARC) |
| 015 NATIONAL UNIVERSITY OF SINGAPORE | 016 SPIRE GLOBAL SINGAPORE PTE.LTD. |
| 017 DSO NATIONAL LABORATORIES | |

SOM	Somalia (Rep. Federal of)
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- A** MINISTRY OF INFORMATION POST & TELECOMMUNICATION
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 EMAIL: ADMIN@MIPT.GOV.SO
 EMAIL: MI@MIPT.GOV.SO
- B** INTERNATIONAL FREQUENCY COORDINATION
 SPACE SERVICES UNIT
 OFCOM
 2A SOUTHWARK BRIDGE ROAD
 LONDON SE1 9HA
 EMAIL: ifc.enquiries@ofcom.org.uk
 PHONE: +44 20 7981 3100
 TELEFAX: +44 20 7981 3208
 TELEX: 051261969 DTI WBH G
- C** POSTS AND TELECOMMUNICATIONS,
 P.O. BOX 11,
 HARGEISA
- | | |
|--|---------------------------------------|
| 001 DIRECTION DES POSTES ET
TELECOMMUNICATIONS, MOGADISCIO | 002 POLICE |
| 003 MINISTERE DE LA DEFENSE | 004 AERONAUTIQUE |
| 005 SOMALI GULF OIL CO. | 006 INTERNATIONAL AERADIO LTD. |
| 007 MINISTRY OF PORTS AND MARINE TRANSPORT | 008 PUBLIC WORKS DEPARTMENT |
| 011 MINISTRY OF INFORMATION | |

SPM	Saint Pierre and Miquelon (Territorial Collectivity of)
------------	---

- A** DIRECTION DES POSTES ET TELECOMMUNICATIONS,
 S. PIERRE ET MIQUELON

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SPM	Saint Pierre and Miquelon (Territorial Collectivity of)
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- 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 84 23 19 93 (Services de Terre)
 TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
 TELEFAX: +33 1 84 23 19 93 (Stations terriennes)
- | | | | |
|------------|---|------------|---|
| 001 | ADMINISTRATION DES ILES S. PIERRE ET MIQUELON | 002 | ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS |
| 003 | TRAVAUX PUBLICS ILES S. PIERRE ET MIQUELON | 004 | CONSEIL SUPERIEUR DE L'AUDIOVISUEL |
| 005 | AVIATION CIVILE | 009 | DEFENSE NATIONALE |
| 010 | AERONAUTIQUE MILITAIRE FRANCAISE | 011 | GENDARMERIE NATIONALE |
| 018 | METEOROLOGIE | 034 | CENTRE DE GESTION DES RADIOCOMMUNICATIONS |

SRB	Serbia
------------	--------

- A** 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** DIRECTION DES RADIOCOMMUNICATIONS
 BEOGRAD
- D** THE CHAIRMAN AND THE DIRECTOR GENERAL
 SUDAN TELECOMMUNICATIONS CORPORATION
 MINISTRY OF TRANSPORT AND COMMUNICATION
 KHARTOUM
 TELEX: 098422299 GENTL SD
- E** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
 TELSIZ GENEL MUDURLUGU (TGM)
 06510 EMEK - ANKARA
 TURKEY
 TELEFAX: +90 312 2213226
 TELEX: 060744371 TGM TR
- F** MINISTERE DES AFFAIRES ETRANGERES
 HELSINKI
- | | | | |
|------------|--|------------|---|
| 001 | JUGOSLAVENSKI AERO TRANSPORT | 002 | ADMINISTRATION MARITIME |
| 003 | RADIO-NOVI SAD | 005 | RADIO BEOGRAD SAVEZNE VLADE FNRJ |
| 008 | RADIOTELEVIZIJA TITOGRAĐ | 011 | RADIOTELEVIZIJA BEOGRAD |
| 014 | EMBASSY OF THE REPUBLIC OF TURKEY | 015 | COMMUNAUTE DES PTT, BEOGRAD |
| 018 | AMBASSADE DE FINLANDE | 019 | BNC INTERPOL, BEOGRAD |
| 023 | UPRAVA CIVILNOG VAZDUHOPLOVSTVA, BEOGRAD | 024 | SECRETARIAT DU TRANSPORT ET DES COMMUNICATIONS |
| 025 | EMBASSY OF THE REPUBLIC OF SUDAN | 026 | DIRECTION HYDROMETEOROLOGIQUE FEDERALE, BEOGRAD |
| 027 | GOUVERNEMENT DE LA SUEDE | 030 | CHEMIN DE FER YUGOSLAVE |
| 031 | RADIOTELEVIZIJA PRISTINA | 032 | PRESS AGENCE TANJUG |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SRL	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
PHONE: +232 22 222 804
TELEX: +232 22 229 733
- | | |
|---|---|
| 001 SIERRA LEONE EXTERNAL TELECOMMUNICATIONS | 002 POSTS AND TELECOMMUNICATIONS |
| 003 CIVIL AVIATION | 004 POLICE FORCE |
| 005 AMERICAN WESLEYAN MISSION | 006 INFORMATION AND BROADCASTING |
| 007 OTHER GOVERNMENT DEPARTMENTS | 008 SIERRA LEONE SELECTION TRUST |
| 009 FISHERIES DIVISION | 011 SIERRA LEONE DIAMOND CORPORATION |
| 012 SIERRA LEONE PORTS AUTHORITY | 013 PUBLIC WORKS |
| 014 GEOLOGICAL SURVEY | 015 MINISTRY OF EXTERNAL AFFAIRS |
| 016 TAYLORWOODROW | 017 CHRISTIAN RADIO NETWORK |
| 018 SOLAR COMM | |

SSD	South Sudan (Republic of)
------------	---------------------------

- A** Ministry of Telecommunications and Postal Services
P.O. Box 33
JUBA
South Sudan
TELEFAX: +211 8118 20188
EMAIL: info@motps.goss.org
PHONE: +211 9123 94207
PHONE: +211 9771 02623
- 001** NATIONAL COMMUNICATIONS AUTHORITY -
NCA

STP	Sao Tome and Principe
------------	-----------------------

- A** C.S.T. COMPANHIA SANTOMENSE DE TELECOMUNICACOES
CAIXA POSTAL 141
SAO TOME
PHONE: +239 22 22 26
TELEFAX: +239 12 22500
TELEX: 0967 233 CST ST
- | | |
|--|--|
| 001 SERVICOS T. AEREOS | 002 POSTES, TELEGRAPHES ET TELEPHONES |
| 003 RADIO CLUBE DE S. TOME, S. TOME | 004 MINISTERIO DA MARINHA |
| 005 SERVICIO DE AERONAUTICA CIVIL | |

SUI	Switzerland
------------	-------------

- A** FEDERAL OFFICE OF COMMUNICATION
ZUKUNFTSTRASSE 44
CH-2501 BIEL-BIENNE
SUISSE
EMAIL: info@bakom.admin.ch
TELEFAX: +41 58 463 18 24
- 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: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SUI	Switzerland
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- C** OFFICE DES NATIONS UNIES A GENEVE
PALAIS DES NATIONS
CH - 1211 GENEVE 10
TELEX: 289696 UNO CH
- D** 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
- | | |
|---|--|
| 001 RADIO-SUISSE S.A. | 002 OFFICE FEDERAL DE LA COMMUNICATION |
| 003 OFFICE FEDERAL DE L'AIR | 004 SERVICE RADIOPOLICE |
| 005 UNITED NATIONS | 009 SUEDWESTFUNK, BADEN-BADEN |
| 010 MISSION DES ETATS-UNIS | 011 INSTITUTE OF ASTRONOMY |
| 012 EPFL - ECOLE POLYTECHNIQUE FEDERALE DE
LAUSANNE | 013 UNIVERSITY OF APPLIED SCIENCES OF
SOUTHERN SWITZERLAND (SUPSI) |
| 014 SPACEPHARMA SA | 015 INMARSAT SA |
| 016 ASTROCAST SA | 017 ORBITARE LUXEMBOURG SA |
| 018 SWISS GOVERNMENT | 019 CLEARSPACE |

SUR	Suriname
------------	----------

- A** TELECOMMUNICATIE AUTORITEIT SURINAME
DR. J.F. NASSYLAAN 23
P.O. BOX 3013
PARAMARIBO
TELEFAX: +597 421465
PHONE: +597 421464
TELEX: 0304 131 TELESUR SN
- | | |
|---|--|
| 001 KLM AEROCARTO | 002 SURINAM SKY FARMERS |
| 003 MISSIONARY AVIATION FELLOWSHIP
(M.A.F.) | 004 SURINAAMSE LUCHTVAART MIJ (S.L.M.) |
| 005 PATER AHLBRINCK STICHTING (P.A.S.) | 006 GUMAIR |
| 007 STICHTING RADIO SURINAME | 008 STICHTING RADIO OMROEP SURINAME (SRS) |
| 009 RADIO PARAMARIBO | 010 RADIKA |
| 011 AMPIE BROADCASTING CORPORATION (ABC) | 012 RADIO RANI (NICKERIE) |
| 013 RADIO APINTIE | 014 STICHTING MAMEZE |
| 015 WATERLOOPKUNDIGEDIENST (WLA) | 016 ESSO |
| 017 OEMRAWSINGH | 018 VAN KESSEL |
| 019 OPBOUW | 020 B.L.O. |
| 021 BILLITON | 022 SURALCO |
| 023 WATERKRACHT WERKEN (BWKW) | 024 ILACO |
| 025 RUSTWIJK | 026 GANDHI |
| 027 SOHANSINGH | 028 PLACER |
| 029 GEOLOGISCH MIJNBOUWKUNDIGEDIENST (GMD) | 030 ENERGIE BEDRIJVEN SURINAME (EBS) |
| 031 LANDBOUW VEETEELT VISSERIJ (LVV) | 032 LANDSBOSBEHEER (LBB) |
| 033 FAO | 034 INDEPENDENT FAITH MISSION (IFM) |
| 035 ANSOE | 036 ALGEMEN SURINAMSE WEGENBOUW (ASW) |
| 038 GRASSALCO | 039 SURINAM INTERIOR FELLOWSHIP (SIF) |
| 040 MEDIZEBS | 041 SURINAM INSTITUT OF LINGUISTIC (SIL) |
| 042 EVABGELISCHE BROEDER GEMEENTE (EBG) | 043 EXPLOITATIE MAATSCHAPPY SURINAME |
| 044 MADURO | 045 LUCHTVAARTIENST (LVD) |
| 046 BRUYNZEEL | 047 SOHANSINGH |
| 048 LAWА GOULVELDEN | 049 CENTR. BUR. LUCHTKART (CBL) |
| 050 I.F.M. | 051 DIENST BODEM KARTERING |
| 052 DIENST HOGERE GEODESIE | 053 H.A.B. |
| 054 SESCON GROUP | 055 VICTORIA |
| 056 HAVENDIENST (LHD) | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SVK	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
TELEFAX: +421 2 52 932 096
EMAIL: frequency@teleoff.gov.sk
- | | |
|---|---|
| 001 MINISTRY OF POSTS AND TELECOMMUNICATIONS | 002 MINISTERE DES TRANSPORTS |
| 003 SLOVANSKY ROZHLAS A TELEVIZE | 007 MISSION DIPLOMATIQUE ACCREDITEE DANS LA R.SLOVAQUE |
| 008 HMU, BRATISLAVA | 009 SLOVAK ORGANISATION FOR SPACE ACTIVITIES (SOSA) |
| 010 TOWERCOM, A.S. | 011 TECHNICAL UNIVERSITY OF KOSICE, FACULTY OF AERONAUTICS |

SVN	Slovenia
------------	----------

- A** AGENCY FOR COMMUNICATION NETWORKS AND SERVICES OF THE REPUBLIC OF SLOVENIA
STEGNE 7, POB 418
SI-1000 LJUBLJANA
REPUBLIC OF SLOVENIA
EMAIL: info.box@atrp.si
PHONE: +386 1 583 63 00
TELEFAX: +386 1 511 11 01
- | | |
|--|---|
| 009 RADIOTELEVIZIJA SLOVENIJA | 015 POSTA SLOVENIJE |
| 016 TELEKOM SLOVENIJE | 023 UPRAVA RS ZA CIVILNO LETALSTVO |
| 024 MINISTRSTVO ZA PROMET | 025 MINISTRSTVO ZA GOSPODARSTVO |
| 026 AGENCIJA REPUBLIKE SLOVENIJE ZA OKOLJE | 030 SLOVENSKE ZELEZNICE |
| 031 UNIVERSITY OF MARIBOR, FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE | |

SWZ	Swaziland
------------	-----------

- 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
- | | |
|--|--|
| 001 SWAZILAND GOVERNMENT | 002 DIRECTOR OF CIVIL AVIATION |
| 003 DEPARTMENT OF POSTS AND TELECOMMUNICATIONS | 004 SWAZILAND COMMERCIAL RADIO (PTY) LTD. |
| 005 PRIVATE | 006 TRANS WORLD RADIO |
| 007 SWAZILAND BROADCASTING SERVICE, BOX338, MBABANE | 008 SWAZILAND TELEVISION BROADCASTING CORPORATION |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SXM	St. Maarten (Dutch part)
------------	--------------------------

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

SYR	Syrian Arab Republic
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A SYRIAN TELECOMMUNICATIONS ESTABLISHMENT
 DIRECTORATE OF RADIO FREQUENCIES
 MAZEH AUTOSTRAD - HEADQUARTER BUILDING
 DAMASCUS
 SYRIAN ARAB REPUBLIC
 PHONE: +963 11 224 03 00
 TELEFAX: +963 11 612 12 08
 TELEX: 0492 411015 / GENTEL

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
 TELESIZ 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

001 SWEDISH GOVERNMENT	002 EMBASSY OF THE REPUBLIC OF TURKEY
003 EMBASSY OF THE STATE OF KUWAIT	004 SYRIAN PUBLIC TELECOMM. ESTABL
006 IRAQ PETROLEUM CO.	007 UNITED NATIONS
008 CIVIL AVIATION	

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

TCA	Turks and Caicos Islands
------------	--------------------------

- A** INTERNATIONAL FREQUENCY COORDINATION
SPACE SERVICES UNIT
OFCOM
2A SOUTHWARK BRIDGE ROAD
LONDON SE1 9HA
EMAIL: ifc.enquiries@ofcom.org.uk
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G
- 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
- 001** CABLE AND WIRELESS (W.I.) LTD., LONDON **002** PAN AMERICAN WORLD AIRWAYS
003 COMMISSIONER, TURKS AND CAICOS ISLANDS **004** TURKS AND CAICOS ISLANDS GOVERNMENT
005 OCEAN HARVESTERS LTD.

TCD	Chad
------------	------

- 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
- 001** FORCES TERRESTRES FRANCAISES **003** AERONAUTIQUE MILITAIRE FRANCAISE
004 AERONAUTIQUE CIVILE (A.S.E.C.N.A.) **006** T.I.T. - TELECOMMUNICATIONS
INTERNATIONALES DE LA REPUBLIQUE DU
TCHAD
008 OFFICE EQUATORIAL DES POSTES ET **010** RESEAU DE GENDARMERIE NATIONALE
TELECOMMUNICATIONS
011 DIRECTION DES AFFAIRES MILITAIRES **013** SOCIETES ET CIES PRIVEES CONTROLEES
PAR L'OFFICE EQUATORIAL DES P. ET T.
014 RADIODIFFUSION NATIONALE **016** ARMEE NATIONALE TERRESTRE
017 ARMEE NATIONALE AERIENNE **018** RESEAUX DE SECURITE
019 GARDE NATIONALE ET NOMADE

TGO	Togo
------------	------

- A** AUTORITE DE REGULATION DES COMMUNICATIONS ELECTRONIQUES ET DES POSTES (ARCEP)
BP 358 LOME TOGO
IMMEUBLE ARCEP
4638 BOULEVARD GENERAL GNASSINGBE EYADEMA, CITE OUA
PHONE: +228 22 23 63 80
PHONE: +228 22 23 63 63
TELEFAX: +228 22 23 63 94
EMAIL: arcep@arcep.tg

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

TGO	Togo		
001	HAUTE AUTORITE DE L'AUDIOVISUEL DE LA COMMUNICATION (HAAC)	002	AGENCE NATIONALE DE L'AVIATION CIVILE (ANAC)
003	AUTORITE DE REGULATION DES COMMUNICATIONS ELECTRONIQUES ET DES POSTES (ARCEP)	004	AERONAUTIQUE CIVILE (A.S.E.C.N.A)
005	MARINE NATIONALE	009	AUTORITE DE REGLEMENTATION DES COMMUNICATIONS ELECTRONIQUES ET POSTES
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. |
| 048 | AERONAUTICAL RADIO OF THAILAND LTD. | 049 | ROYAL THAI ARMED FORCES HEADQUARTER |
| 050 | THE SECRETARIAT OF THE HOUSE OF REPRESENTATIVES | 051 | BANGKOK METROPOLITAN ADMINSTRATION |
| 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 |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

THA	Thailand
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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
064	NATIONAL ASTRONOMICAL RESEARCH INSTITUTE OF THAILAND	065	PATRIOT INFOVENTION CO., LTD.

TJK	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

TKL	Tokelau
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A MINISTRY OF COMMERCE
RADIO SPECTRUM MANAGMENT GROUP
33 BOWEN STREET
P.O. BOX 2847
WELLINGTON / NOUVELLE ZELANDE
TELEFAX: +64 4 499 0797

001 NEW ZEALAND GOVERNMENT

TKM	Turkmenistan
------------	--------------

A MINISTRY OF COMMUNICATIONS OF TURKMENISTAN
ZHITNIKOVA STREET 36
ASHGABAT
REPUBLIC OF TURKMENISTAN
TELEFAX: +73 632 290420
TELEX: 0789 228129 PTO TM

TLS	Timor-Leste (Dem. Rep. of)
------------	----------------------------

A POSTES, TELEGRAPHES ET TELEPHONES
DILI

B INSTITUTO DAS COMUNICACOES DE PORTUGAL
AV. JOSE MALHOA N.O 12
1070 LISBOA
TELEX: 040466325 ICP P

C DIRECTORATE GENERAL OF POSTS AND TELECOMMUNICATIONS
JL MEDAN MERDEKA BARAT 16-19
JAKARTA 10110
TELEX: 073 44407 POSTEL IA

001	POSTES, TELEGRAPHES ET TELEPHONES	002	MINISTERIO DA MARINHA
003	DIRECCAO-GERAL DE AERONAUTICA CIVIL	004	COMPANHIA PORTUGUESA RADIO MARCONI

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

TON	Tonga
------------	-------

- 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
- | | |
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| 001 TELEGRAPH AND TELEPHONE DEPARTMENT,
NUKUALOFA | 002 CIVIL AVIATION DEPARTMENT |
| 003 GOVERNMENT OF TONGA | 004 TONGA BROADCASTING COMMISSION |
| 005 POLICE DEPARTMENT | 006 TONGA AIR SERVICE LTD. |
| 007 TONGA TOURIST AND DEVELOPMENT CO LTD. | 008 CABLE AND WIRELESS PLC |
| 009 FRIENDLY ISLANDS SATELLITE
COMMUNICATIONS, LTD. (TONGASAT) | 010 TONGA TELECOMMUNICATIONS COMMISSION,
TTC |
| 011 HELLAS-SAT CONSORTIUM LIMITED | 012 SPACE EXPLORATION HOLDINGS, LLC |

TRC	Tristan da Cunha
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- 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
PHONE: +44 20 7981 3100
TELEFAX: +44 20 7981 3208
TELEX: 051261969 DTI WBH G
- | | |
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| 001 DEPARTMENT OF TRANSPORT, DIVISION OF
CIVIL AVIATION | 002 SOUTH AFRICAN GOVERNMENT |
| 003 TRISTAN DA CUNHA DEVELOPMENT CO. LTD. | 004 THE PROUDMAN OCEANOGRAPHIC LABARATORY |

TRD	Trinidad and Tobago
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- A** INFORMATION AND COMMUNICATION TECHNOLOGY DIVISION
3RD FLOOR, LORD HARRIS COURT
52 PEMBROKE STREET
MARAVAL, PORT OF SPAIN
TRINIDAD AND TOBAGO
TELEX: 029422293 telecom wg
EMAIL: caclark@trinidad.net
TELEFAX: +1 868 622 4783
- 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
- | | |
|---|---|
| 001 CABLE AND WIRELESS (W.I.) LTD., LONDON | 002 METEOROLOGICAL DIVISION, PIARCO,
TRINIDAD |
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

TRD	Trinidad and Tobago
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003	TRINIDAD SHIPPING CO., LTD.	004	TEXTEL, P.O. BOX3 , PORT OF SPAIN
005	PAN AMERICAN AIRWAYS	006	MINISTRY OF FOREIGN AFFAIRS
007	CARIBSPACE, INC.	011	TRINIDAD GOVERNMENT WIRELESS SERVICE
012	BRITISH WEST INDIAN AIRWAYS LTD.	013	INTERNATIONAL AERADIO (CARIB) LTD.
025	DIRECTOR OF WORKS AND HYDRAULICS, PORT OF SPAIN	031	TRINIDAD PETROLEUM DEVELOPMENT CO.
032	TRINIDAD GOVERNMENT	086	TRINIDAD PUBLISHING CO.

TUN	Tunisia
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A	AGENCE NATIONALE DES FREQUENCES 39, RUE ASDRUBAL - LAFAYETTE 1002 TUNIS TUNISIE TELEX: 0409 13900 GENDEL TN TELEFAX: +216 71 280 228 PHONE: +216 71 121 900 EMAIL: dg@anf.tn EMAIL: l.soussi@anf.tn		
001	DEFENSE NATIONALE	002	MARINE NATIONALE
003	AVIATION MILITAIRE	004	AVIATION CIVILE
005	SERVICE DE SECURITE	006	DIRECTION GENERALE DES TELECOMMUNICATIONS BD. 9 AVRIL, 1938 TUNIS, GENDEL TUNIS
007	INSTITUT NATIONAL DE LA METEOROLOGIE	008	SERVICE DES PHARES ET BALISES
009	MINISTERE DE L'EQUIPEMENT	010	TELEDIFFUSION TUNISIENNE
012	STATIONS CONTROLES PAR LE SECRETARIAT D'ETAT CHARGE DES POSTES ET TELECOMMUNICATIONS	016	TUNIS AIR
017	ARAB SATELLITE COMMUNICATIONS ORGANIZATION		

TUR	Republic of Türkiye
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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 7166 / 7145 PHONE: +90 312 294 7636 TELEFAX: +90 312 294 7155 / 7151 TELEX: 060744371 TGM TR		
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

TUR	Republic of Türkiye		
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	TEKFEN 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
069	UNIVERSITY OF TURKISH AERONAUTICAL ASSOCIATION	070	PLAN S SATELLITE AND SPACE TECHNOLOGIES
071	HELLO SPACE SYSTEMS TEKNOLOJI A.S		
TUV	Tuvalu		
A	TUVALU TELECOMMUNICATIONS CORPORATION VAIAKU FUNAFUTI TELEFAX: +688 20002 TELEX: 0774 TV COMM 6800		
001	GOVERNMENT OF TUVALU	002	UNIVERSITY OF HAWAII

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

TZA	Tanzania
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| <p>A THE DIRECTOR FREQUENCY MANAGEMENT
TANZANIA COMMUNICATIONS COMMISSION
P.O. BOX 474
DAR ES SALAAM
UNITED REPUBLIC OF TANZANIA
TELEFAX: +255 51 116664</p> <p>B NATIONAL POST AND TELECOM AGENCY
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 054 40777 RADCON S</p> <p>C THE CHIEF ENGINEER
DEPT. OF INFORMATION AND BROADCASTING
P.O. BOX 1178
ZANZIBAR</p> <p>D THE DIRECTOR OF EXTERNAL TELECOMMUNICATIONS
TANZANIA POSTS AND TELECOMMUNICATIONS CORPORATION
P.O. BOX 22
DAR-ES-SALAAM</p> <p>E ZANZIBAR GOVERNMENT
P.O. BOX 776
ZANZIBAR</p> <p>001 TANZANIA RAILWAYS CORPORATION</p> <p>003 DIRECTORATE OF CIVIL AVIATION</p> <p>005 EXTERNAL TELECOMMUNICATIONS, ZANZIBAR</p> <p>007 TANZANIA PEOPLE'S DEFENCE FORCES, BOX 9205, DAR ES SALAAM</p> <p>009 KARIMJEE JIVANJEE AND CO. LTD.</p> <p>011 TAZAMA PIPELINE LTD.</p> <p>013 ZAMBIA-TANZANIA ROAD SERVICES LTD.</p> <p>015 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</p> <p>018 TANZANIA NATIONAL PARKS</p> <p>022 UNIVERSITY COLLEGE DAR ES SALAAM</p> <p>027 FRESONS DEPARTMENT P.O. BOX 349, DAR ES SALAAM</p> <p>037 RADIO TANZANIA, P.O. BOX 9191, DAR ES SALAAM</p> <p>076 EVANGELICAL LUTHERAN CHURCH, P.O. BOX 16, DAR ES SALAAM</p> | <p>002 POSTS AND TELECOM. CORP. SR RADIO, DAR ES SALAAM</p> <p>004 ZANZIBAR GOVERNMENT</p> <p>006 COMMISSIONER OF POLICE, ZANZIBAR</p> <p>008 METEOROLOGICAL DEPARTMENT</p> <p>010 TANZANIA POLICE</p> <p>012 TANZANIA HARBOURS AUTHORITY</p> <p>014 EXTERNAL TELECOMMUNICATIONS DIRECTORATE</p> <p>016 RADIO TANZANIA, ZANZIBAR</p> <p>019 AFRICAN MEDICAL RESEARCH FOUNDATION</p> <p>024 TANZANIA GOVERNMENT P.O. BOX 9120, DAR ES SALAAM</p> <p>031 WILLIAMSON DIAMONDS LTD. P.O. BOX 9470, DAR ES SALAAM</p> <p>065 SWEDISH GOVERNMENT</p> |
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UAE	United Arab Emirates
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| <p>A TELCOMMUNICATIONS AND DIGITAL GOVERNMENT REGULATORY AUTHORITY (TDRA)
P.O. BOX 26662
ABU DHABI
PHONE: +971 2621 2222
EMAIL: info@tdra.gov.ae
TELEFAX: +971 2 777 2484</p> <p>001 UNITED ARAB EMIRATES</p> <p>003 SH. SAEED BIN MOHAMED AL NAHYAN, ABU DHABI</p> <p>006 GOVERNMENT OF RAS AL KHAIMAH</p> <p>008 YUSUF BIN AHMED KANOO (SHIPPING AGENCY)</p> <p>010 ABU DHABI MARINE AREAS LTD.</p> <p>013 FUJAIRAH AIRPORT</p> <p>016 BRITISH AIRWAYS</p> <p>018 MINISTRY OF INFORMATION AND CULTURE</p> <p>021 ABU DHABI OIL CO.LTD.(JAPAN)</p> | <p>002 EMIRATES TELECOMMUNICATIONS CORPORATION</p> <p>004 DUBAI INTERNATIONAL AIRPORT</p> <p>007 RAIS HASSAN SAADI AND CO.</p> <p>009 DECCA NAVIGATOR CO. LTD.</p> <p>011 MARITIME AND MERCANTILE INTERNATIONAL, DUBAI</p> <p>015 DUBAI PETROLEUM CO.</p> <p>017 DEPARTMENT OF CIVIL AVIATION UAE</p> <p>019 EMBASSY OF RUSSIA</p> <p>024 UAE RADIO AND TV-DUBAI</p> |
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

UAE	United Arab Emirates
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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		

UGA	Uganda
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A	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		

UKR	Ukraine
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A	STATE SERVICE FOR SPECIAL COMMUNICATION AND INFORMATION PROTECTION OF UKRAINE 13B SOLOMIANSKA STREET KYIV 03680 PHONE: +380 44 281 90 10 EMAIL: info@dsszsi.gov.ua TELEFAX: +389 44 226 26 83 TELEX: 0680 13 1112 UKTEL		
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
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

UKR	Ukraine		
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 "SLIFITJA"
053	"SKIF-2" LLC	054	"TV AND RADIO COMPANY CHERNIIVTSI" 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
085	TERNOPIIL 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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

UKR	Ukraine		
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"
163	GORODOK DISTRICT TELERADIOPRESTSENTR "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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

URG	Uruguay		
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
ATTENTION: MR. RICHARD B. ENGELMAN
445, 12TH STREET, S.W.
WASHINGTON, DC 20554
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

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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

USA	United States		
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 PBC	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
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

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

USA	United States		
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	LYNK GLOBAL, 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
654	PLANETIQ	656	THE UNIVERSITY OF GEORGIA
658	UNIVERSITY OF WASHINGTON	666	STARA CORP
668	LOFT ORBITAL SOLUTIONS INC.	670	THE UNIVERSITY OF TEXAS AT EL PASO
672	MOMENTUS SPACE LLC.	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	YORK SPACE SYSTEMS, LLC
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	694	ROCKET LAB USA, INC
696	UMBRA LAB, Inc.	698	PIXXEL SPACE TECHNOLOGIES, INC.
702	R2 SPACE, INC.	704	KEYW CORPORATION
706	BRONCO SPACE	708	MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)
710	CARE WEATHER TECHNOLOGIES, INC.	712	CORNELL UNIVERSITY
713	PORTLAND STATE UNIVERSITY	714	DARTMOUTH COLLEGE
716	NANORACKS, LLC	718	SPACELINK CORPORATION
720	ICEYE US, INC.	722	INTUITIVE MACHINES LLC
724	SPACEFLIGHT, INC.	726	THE WOLVERINE CUBESAT DEVELOPMENT TEAM, INCORPORATED
728	MINI-CUBES, LLC	730	CESIUMASTRO INC.
732	UNIVERSITY OF SOUTH ALABAMA	733	UTAH STATE UNIVERSITY GASPACS
734	IOWA STATE UNIVERSITY	738	VARISAT, LLC
740	ORBITAL SIDEKICK INC.,	742	ACME ATRONOMATIC, LLC.
744	RICE UNIVERSITY	746	ASTRANIS PROJECTS USA LLC
748	ORION SPACE SOLUTIONS	750	ASTROBOTIC TECHNOLOGY, INC
752	TURION SPACE CORP.	754	THE TOMORROW COMPANIES, INC.
756	SPIN LAUNCH INC.	758	OUTPOST TECHNOLOGIES CORPORATION
760	XONA SPACE SYSTEMS INC.	762	LAUNCHER INC.
764	ASTRA SPACE OPERATIONS, INC.	766	VARDA SPACE INDUSTRIES INC.
768	CU AEROSPACE	770	METHANESAT LLC.
772	MUON SPACE INC.	774	STARFISH SPACE
776	SIDUS SPACE INC.	777	CEDAR GROVE AMATEUR RADIO CLUB
778	ODYSSEY SPACEWORKS CORP.	780	TRUE ANOMALY INC
782	QUANTUM SPACE	784	UNIVERSITY OF NEBRASKA-LINCOLN
788	GENMAT DEVELOPMENT LLC	790	INTERNET THINK TANK, INC.
792	ROBERTSVILLE MIDDLE SCHOOL		
UZB	Uzbekistan		
A	STATE COMMITTEE FOR RADIOFREQUENCIES OF THE REPUBLIC OF UZBEKISTAN 28A, A. NAVOIY STREET 100011 TASHKENT REPUBLIC OF UZBEKISTAN PHONE: +988 71 138 4179 / 4178 EMAIL: gkrch@aci.uz TELEFAX: +998 71 233 16 95 TELEX: 786116108 PTB UZ		
001	MINISTRY OF COMMUNICATIONS		

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

VCT	Saint Vincent and the Grenadines
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A THE PERMANENT SECRETARY
 MINISTRY OF COMMUNICATIONS, WORKS AND LABOUR
 KINGSTOWN
 SAINT-VINCENT-ET GRENADINES
 TELEFAX: +1 784 4562168
 TELEX: 0399 7531 FOREIGN VQ

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

002 WINDWARD ISLANDS BROADCASTING SERVICE

VEN	Venezuela
------------	-----------

A MINISTERIO DEL PODER POPULAR PARA LAS
 TELECOMUNICACIONES Y LA INFORMÁTICA
 OFICINA DE ASUNTOS INTERNACIONALES
 AV. ANDRES BELLO, CRUCE CON CALLE SAN FIDEL
 TORRE FONDO COMUN, PISO 3
 CARACAS 1010
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B COMISION NACIONAL DE TELECOMUNICACIONES (CONATEL)
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 EMAIL: conatel@conatel.gob.ve

001 MINISTERIO DEL PODER PARA LAS
 TELECOMUNICACIONES Y LA INFORMÁTICA
 (MPPTI)

002 COMPANIA ANONIMA NACIONAL TELEFONOS DE
 VENEZUELA (C.A.N.T.V.)

003 INSTITUTO POSTAL TELEGRAFICO (IPOSTEL)

004 CORACREVI (C.T.V.)

005 RADIO MARACAY C.A.

006 RADIO CENTRAL C.A.

007 RADIO ARAGUA C.A.

008 RADIO UNIVERSAL C.A.

009 LA VOZ DE LA VICTORIA C.A.

010 RADIO APOLO C.A.

011 RICARDO SOSA RIOS

012 JOSE ANTONIO PIMENTEL

013 ANGEL MARIA PEREZ

014 SOCRATES HERNANDEZ

015 ANTONIO JOSE ISTURIZ

016 RADIO ANGOSTURA C.A.

017 ECOS DEL ORINOCO C.A.

018 JESUS R. GONZALEZ B.

019 LUIS JOSE PASTRANO

020 RADIO 810 C.A.

021 MIGUEL ACHE

022 RADIO AMERICA C.A.

023 RADIO MORON C.A.

024 LA VOZ DE CARABOBO C.A.

025 ALI CACCAVALE

026 RADIO PTO. CABELLO C.A.

027 MANUEL RODRIGUEZ TELLERIA

028 RADIO SATELITE C.A.

029 PETER TAFFIN

030 RADIO INVERSIONISTA C.A.

031 ROGER LEYBA

032 EDDY J. MENDEZ

033 RADIO CONTINENTE C.A.

034 RADIO RUMBOS C.A.

035 RADIO CAPITAL C.A.

036 RADIO CARACAS C.A.

037 RADIODIFUSORA VENEZUELA C.A.

038 RADIO LIBERTADOR C.A.

039 RADIO ANUNCIADORA I.N.T.C.A.

040 RADIO TIEMPO C.A.

041 FELIX CARDONA MORENO

042 INVERSIONES BECASINA C.A.

043 PABLO SOSA GUZMAN

044 LUCIANO LANDAETA

045 RADIO AEROPUERTO C.A.

046 ALCIDES DELGADO ALVARADO

047 JESUS GHERSY

048 RADIO LOS LLANOS C.A.

049 CRUZ VERA SALAZAR

050 INVERSIONES TRASLLANO C.A.

051 JUAN MANUITT

052 RADIO CRISTAL C.A.

053 RADIO BARQUISIMETO C.A.

054 RADIO UNIVERSO C.A.

055 RADIO JUVENTUD C.A.

056 RADIO LARA C.A.

057 RADIO TRICOLOR C.A.

058 CARLOS J. GONZALEZ

059 RAMON RAMIREZ M.

060 RADIO MIRANDA C.A.

061 OCTAVIO SUAREZ

062 VICENTE LICAUSI

063 VICTOR OLLARVES

064 RADIO VALLE DEL TUY

065 RADIO INDUSTRIAL C.A.

066 RADIO BARLOVENTO C.A.

067 GUILLERMO LOBO LOBO

068 ARD. DE MERIDA

069 ONDAS PANAMERICANAS C.A.

070 ENRIQUE O. DUBUC

071 C.A. SILUEDA

072 L.J.ARREAZA A.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

VEN	Venezuela		
073	RUBEN DARIO SIFONTES	074	MARCIAL NOEL NUNEZ
075	MONSEÑOR FRANCISCO GURRUCEAGA	076	RADIO MARGARITA C.A.
077	RADIO PORTUGUESA S.A.	078	ANGEL M. PEREZ
079	RADIO ONDA C.A.	080	RICARDO SOSA RIOS P.
081	REINALDO MARIN	082	GREGORIO GONZALEZ
083	RADIO SAN SEBASTIAN C.A.	084	DIOC. DE SAN CRISTOBAL
085	C.A. RADIO TACHIRA	086	RADIO SAN CRISTOBAL C.A.
087	RODRIGO CARVAJAL	088	GONZALO ALFONSO F. LACRUZ
089	PEDRO GRESPAN B.	090	INSTITUTO AUTONOMO ESTADAL DE MUSICA
091	PEDRO JOSE FAJARDO	092	PEDRO FEBRES J. Y TEMPLE LEE
093	GUILLERMO A. PORTILLO	094	ANTONIO BENTANCOURT B.
095	PEDRO J. TORRES	096	ERASMO NUNEZ LAGARDERA
097	RADIO YARACUY C.A.	098	FERNANDO FALKENHAGEN
099	LUIS GERMAN LUCKERT	100	DIOC. DE MARACAIBO
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)		

VIR	United States Virgin Islands		
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		
008	US GOVERNMENT - GEN	051	US GOVERNMENT COAST GUARD
230	FEDERAL COMMUNICATIONS COMMISSION, BC	300	FEDERAL COMMUNICATIONS COMMISSION, PLM

VRG	British Virgin Islands		
A	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100 TELEFAX: +44 20 79813208 TELEX: 051261969 DTI WBH G		

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

VRG	British Virgin Islands
------------	------------------------

- B** CHIEF SPECTRUM OFFICER
TELECOMMUNICATIONS REGULATORY COMMISSION (TRC)
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ROAD TOWN
TORTOLA VG1110
BRITISH VIRGIN ISLANDS
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EMAIL: contact@trc.vg
PHONE: +284 468 4164
- C** 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 |
| 021 FEDERAL EXPRESS | 022 BUHRYM ELECTRIC |
| 023 CLARENCE THOMAS LTD. | 024 WILLIAMS SECURITY |
| 025 TOBIN SECURITY | |

VTN	Viet Nam
------------	----------

- A** INTERNATIONAL COOPERATION DEPARTMENT
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VIET NAM
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- B** DEPARTMENT OF STATE,
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- E** NATIONAL POST AND TELECOM AGENCY
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S-102 49 STOCKHOLM
TELEX: 054 40777 RADCON S
- | | |
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| 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 | |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

VUT	Vanuatu
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A MANAGING DIRECTOR
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PHONE: +678 22185
TELEFAX: +678 22628
TELEX: 07711050 vatel nh

001 DEPARTMENT OF POSTS AND
TELECOMMUNICATIONS

WAK	Wake 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

008 US GOVERNMENT - GEN

WAL	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
AGENCE NATIONALE DES FREQUENCES
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94704 MAISONS ALFORT CEDEX
FRANCE
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EMAIL: satcoord@anfr.fr (Services spatiaux excepté les stations terriennes)
EMAIL: tercoord@anfr.fr (Services de Terre)
TELEFAX: +33 1 84 23 19 93 (Services de Terre)
TELEFAX: +33 1 72 17 00 07 (Services spatiaux excepté les stations terriennes)
TELEFAX: +33 1 84 23 19 93 (Stations terriennes)

C ADMINISTRATEUR SUPERIEUR DU TERRITOIRE
DES ILES WALLIS ET FUTUNA
MATA-UTU
TELEX: POSTEL, 5100 WF

001 POSTES ET TELECOMMUNICATIONS

003 FORCES TERRESTRES

008 ADMINISTRATEUR SUPERIEUR

010 CONSEIL SUPERIEUR DE L'AUDIOVISUEL

002 AVIATION CIVILE

004 SERVICE METEOROLOGIQUE

009 DEFENSE NATIONALE

011 GENDARMERIE NATIONALE

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

XAN	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

XBY	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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SOUTH SUDAN
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PHONE: +211 9123 94207 / 9771 02623
EMAIL: info@motps.goss.org

XGZ	Gaza Strip
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A UNITED NATIONS
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B STATE OF PALESTINE
MINISTRY OF TELECOM.& INFORMATION TECHNOLOGY
GAZA
TELEFAX: +970 82 825666

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 SABBABH 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.

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

XUN	United Nations
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A UNITED NATIONS
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XWB	West Bank
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B STATE OF PALESTINE
 MINISTRY OF TELECOM. & INFORMATION TECHNOLOGY
 GAZA
 TELEFAX: +970 82 825666

- | | | | |
|------------|--------------------------------------|------------|---|
| 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. |

YEM	Yemen
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A THE HEAD, FREQUENCY SECTION
 MINISTRY OF TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY
 GENERAL DIRECTORATE OF TELECOMMUNICATIONS
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 SANAA
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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 |

SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

YEM	Yemen	
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	

ZMB	Zambia	
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A ZAMBIA INFORMATION AND COMMUNICATIONS TECHNOLOGY AUTHORITY (ZICTA)
 STAND NUMBER 4909
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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

ZWE	Zimbabwe	
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A POSTAL AND TELECOMMUNICATIONS REGULATORY AUTHORITY OF ZIMBABWE (POTRAZ)
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001	DEPARTMENT OF CIVIL AVIATION	002	MINISTRY OF DEFENCE
003	ZIMBABWE BROADCASTING CORPORATION	004	ZIMBABWE RAILWAYS
005	COMMISSIONER OF POLICE	006	POSTMASTER GENERAL
007	METEOROLOGICAL DEPARTMENT	008	POWER BOARD
009	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	RR1503		31.12.1998
A	No. 11.31	01.01.1999	
A	Paragraph 5.2.1a) of Appendix 30	03.06.2000	
A	Former paragraphs 5.2.1a), 6.3.8 or 7.4.5.1 of Appendix 30 (WRC-97)		02.06.2000
A	Paragraph 5.2.1a) of Appendix 30A	03.06.2000	
A	Paragraph 6.3 of Appendix 30B	17.11.2007	
A	Paragraph 6.19 of Appendix 30B	17.11.2007	
A	Paragraph 7.5 of Appendix 30B	17.11.2007	
A	Paragraph 8.8a) of Appendix 30B	05.07.2003	
A	Paragraph 5.2 of Resolution 33		

Symbol	Finding unfavourable with respect to	Use from	Use to
N	RR1503		31.12.1998
N	No. 11.31	01.01.1999	
N	Paragraph 5.2.1a) of Appendix 30	03.06.2000	
N	Former paragraphs 5.2.1a), 6.3.8 or 7.4.5.1 of Appendix 30 (WRC-97)		02.06.2000
N	Paragraph 5.2.1a) of Appendix 30A	03.06.2000	
N	Paragraph 6.3 of Appendix 30B	17.11.2007	
N	Paragraph 6.19 of Appendix 30B	17.11.2007	
N	Paragraph 7.5 of Appendix 30B	17.11.2007	
N	Paragraph 8.8a) of Appendix 30B	05.07.2003	
N	Paragraph 5.2 of Resolution 33		

Symbol	Description	Use from	Use to
B	Qualified favourable (under the ex Rule of Procedure on No. 9.35)	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: A, Unfavourable N) with respect to No. 11.31 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	RR1504 and RR1505 when both are applicable		31.12.1998
A	RR1504 or RR1505 when one of them only is applicable		31.12.1998
A	No. 11.32	01.01.1999	
A	No. 11.34	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 30 (WRC-97)		02.06.2000
A	Paragraphs 5.2.1b, 5.2.1c, 5.2.1d or 5.2.1.e of Appendix 30	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 30A (WRC-97)		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 30A	03.06.2000	
A	Paragraphs 6.21 and 6.22 of Appendix 30B	17.11.2007	
A	Paragraph 8.9b) of Appendix 30B	05.07.2003	
A	Paragraphs 5.3 and 5.4 of Resolution 33		

Symbol	Finding unfavourable with respect to	Use from	Use to
N	RR1504 and/or RR1505		31.12.1998
N	No. 11.32	01.01.1999	
N	No. 11.34	01.01.1999	
N	Paragraphs 5.3 or 5.4 of Resolution 33		
N	Former paragraphs 5.2.1b, 5.2.1c, 5.2.1d, 6.3.9 or 7.4.5.2 of Appendix 30 (WRC-97)		02.06.2000
N	Paragraphs 5.2.1b, 5.2.1c, 5.2.1d or 5.2.1.e of Appendix 30	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 30A (WRC-97)		02.06.2000
N	Paragraphs 6.21 and/or 6.22 of Appendix 30B	17.11.2007	
N	Paragraph 8.9b) of Appendix 30B	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 30A	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

Symbol	Finding favourable with respect to	Use from	Use to
A	RR1506 and RR1509 when both are applicable		31.12.1998
A	RR1506 or RR1509 when one of them only is applicable		31.12.1998
A	Nos. 11.32A or 11.33 when one of them only is applicable	01.01.1999	
A	Paragraph 5.5 of Resolution 33		
A	Former paragraphs 6.3.10 or 7.4.5.3 of Appendix 30 (WRC-97)		02.06.2000

Symbol	Finding unfavourable with respect to	Use from	Use to
N	RR1506 and/or RR1509		31.12.1998
N	Nos. 11.32A or 11.33	01.01.1999	
N	Paragraph 5.5 of Resolution 33		
N	Former paragraph 6.3.10 or 7.4.5.3 of Appendix 30 (WRC-97)		02.06.2000

Symbol	Description	Use from	Use to
-	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 RR1503 . In accordance with the provision RR1560 , 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. 11.31 . In accordance with the provision No. 8.5 , 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 RR1544 . If harmful interference is actually caused, in accordance with RR1559 , 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 RR1503, RR1504, RR1505, RR1506 - 1508 or RR1509 - 1512 , 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. 11.41 . 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 30 respectively. The provisions of paragraphs 4.1.18bis to 4.1.20 or 4.2.21B to 4.2.21D of Appendix 30 , 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 30A respectively. The provisions of paragraphs 4.1.18bis to 4.1.20 or 4.2.21B to 4.2.21D of Appendix 30A , 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 30B . The provisions of paragraphs 6.26 to 6.29 of Appendix 30B 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 Resolution 4 , 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/ROPRV---	This frequency assignment is not receivable in accordance with 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. 9.19.</p> <p>Under No. 9.19, 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. 9.17/9.17A and subsequent notification under Article 11 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.9.17/9.17A.</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	
Q/21.16.6	This frequency assignment of non-geostationary satellite system in fixed-satellite service in the band 17.7-19.3 GHz is subject to the pfd limit set forth in Article 21.16. Qualified Favourable finding is established based on the request from the notifying administration and the decision of the 2019 World Radiocommunication Conference (WRC-19) as indicated in Document CMR19/569 on 'scaling factor in the definition of RR Article 21 pfd limits applicable to non-GSO satellite systems in the fixed-satellite service in the frequency band 17.7 19.3 GHz'.	5.10.2021	Last day of WRC-23

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 13B1 , 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 C4a being secondary (RR420) or subject to not causing harmful interference (RR435), this assignment is not taken into account when examining, with respect to the provisions of former Article 13 , an assignment pertaining to a primary service.		31.12.1998
S	The service indicated in Column C4a being secondary (No. 5.28) or subject to not causing harmful interference (No. 5.43), this assignment is not taken into account when examining, with respect to the provisions of Article 11 , 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 13B1 , this assignment (or entry) is not taken into account when examining frequency assignments in accordance with the provisions of former Article 13 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 13B1 , this assignment (or entry) is not taken into account when examining frequency assignments in accordance with the provisions of Article 11 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 RR1553 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.

Code	Remarks by the Bureau
E/ddmmyy	The resubmitted notice concerning this assignment was received on the date indicated in this symbol. (Date format for short is in format ddmmyy)
N/ddmmyy	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.
T/ddmmyy	The date indicated in this remark is the date on which of this assignment was reviewed in accordance with RR 1561-1564 or No. 14.1 (Date format for short is in format ddmmyy)
Q/ddmmyy	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)

Code	Nr	Remarks made by specific administrations.
AUS		Australia
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.
CAN		Canada
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.
D		Germany (Federal Republic of)
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
F		France
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
G		United Kingdom of Great Britain and Northern Ireland
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
HOL		Netherlands (Kingdom of the)
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
J		Japan
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
LUX		Luxembourg
LUX	1	Alpha:0 to 360; Beta:24 to 90
RUS		Russian Federation
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.
S		Sweden
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
USA		United States of America
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 ² /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 ≥ 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 ² /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 ² /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
VTN		Viet Nam (Socialist Republic of)
VTN	1	LMCSS: Lockheed Martin Commercial Space Systems. Number of satellites procured is one with an option for a replacement satellite