

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
October 2025	Update of Table 2 Update of Table 11C1
June 2025	Modification of Section III Chapter 1 (res8_resolves)
May 2025	Modification of Section III Chapter 1 (ntf_rsn)
March 2025	Update of Tables 1B (new code XZX) and 13B2 (new code CC)
February 2025	Update of Table 3
December 2024	Update of Note 2 and Note 7 in Section III Chapter 1
November 2024	New Radio astronomy station antenna characteristics – see Table 6
July 2024	New intergovernmental satellite organization- see Table 2
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

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

Edition	Changes
May 2018	New Radio astronomy station antenna characteristics – see Table 6.
April 2018	New Radio astronomy station antenna characteristics – see Table 6. New Note in Chapter 1B of Section 4. Update of Table 3 Section IV (Class of station – see UC symbol).
March 2018	Update of Chapter 3 of Section II (Details relating to the contents of the SNS data items).
December 2017	New Radio astronomy station antenna characteristics – see Table 6.
November 2017	New Radio astronomy station antenna characteristics – see Table 6.
October 2017	New Radio astronomy station antenna characteristics – see Table 6.
August 2017	New special section API/C.
July 2017	New codes (“CHN”) in Table 6.
May 2017	New special section API/A.
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.

Edition	Changes
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/	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. This Special Section also contains requests for coordination submitted under or subject to procedures of: – Article 7 of Appendix 30 – Article 7 of Appendix 30A 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. 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.	Special Section in use as of date of receipt 1 January 1999. This Special Section, as of date of receipt 1 January 1999, replacing Special Section AR11/C/ with a new numbering of the Special Section.
2.1.5 Special Section CR/D/	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.	Special Section in use as of date of receipt 1 January 1999. 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.

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)

Special Section	Description	Period of use
2.1.8 / 2.1.9 / 2.1.10 Special Section AP30-30A/F/	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.	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.
2.1.11 Special Section AP30/E/	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: 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; 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; 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; 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.	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.

Special Section	Description	Period of use
2.1.12 Special Section AP30A/E/	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: 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; 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; 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; 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.	Special Section in use as of 3 June 2000. Part D has been added as of 5 July 2003. 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

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

Special Section	Description	Period of use
2.1.13 Special Section AP30-30A/E/	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: 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; 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; 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; 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.	Special Section in use as of 3 June 2000. Part D has been added as of 5 July 2003.
2.1.14 Special Section AP30B/	contains information on a space network in application of Articles 6 and 7 of Appendix 30B of the Radio Regulations.	Special Section in use until 1 November of 2008

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

Special Section	Description	Period of use
2.1.15 Special Section AP30B/A6A/	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: 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.	Special Section in use as of 1 November of 2008.
2.1.16 Special Section AP30B/A6B/	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: 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.	Special Section in use as of 1 November of 2008.
2.1.17 Special Section AP30B/A7/	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.	Special Section in use as of 1 July of 2008.

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/	Contains information submitted in accordance with Annexes 1, 2 and 3 to Resolution 552 . This Special Section is published by the Radiocommunication Bureau in accordance with § 4 and 6 of the Annex 1 to Resolution 552 (WRC-2012) for geostationary-satellite networks in the broadcasting satellite service in the 21.4 – 22 GHz.	Special Section in use as of 18 February 2012

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

Special Section	Description	Period of use
2.2.1 Special Section AR11/A/	contained advance publication information on a planned satellite network, in accordance with the provisions of 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</i> 5 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 5</i> 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 3</i> 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/	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: 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); 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; 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.	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.

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.

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

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

Modification de la date de mise en service des assignations de fréquence inscrites dans le Fichier de référence au titre de		Modification of the date of bringing into use of frequency assignments provisionally recorded in the Master Register under		Modificación de la fecha de puesta en servicio de las asignaciones de frecuencia inscritas 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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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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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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Confirmation de la date de mise en service des assignments 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 inscritis 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 inscritis en el Registro	
Suspension de l'utilisation au titre du		Suspension of use under		Suspensión de la utilización con arreglo al	
Numéro 11.49 du Règlement des radiocommunications		No.11.49 of the Radio Regulations		No.11.49 del Reglamento de Radiocomunicaciones	
§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A		§ 5.2.10 del Artículo 5 de los Apéndices 30 y/o 30A	
§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B		§ 8.17 del Artículo 8 del Apéndice 30B	
Remise en service au titre du		Resumption of use under		Reanudación de la utilización con arreglo al	
Numéro 11.49 du Règlement des radiocommunications		No.11.49 of the Radio Regulations		No.11.49 del Reglamento de Radiocomunicaciones	
§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A		§ 5.2.10 del Artículo 5 de los Apéndices 30 y/o 30A	
§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B		§ 8.17 del Artículo 8 del Apéndice 30B	
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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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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		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 ^o 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)

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. 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.	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. 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.	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. 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.



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N ^o 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			

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.	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	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.

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°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.
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	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.	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.	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.
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)
		可能受影响的主管部门(仅供参考，见第 9.36.1 款)	Administraciones posiblemente afectadas (sólo para información, véase el N° 9.36.1)
	9.11		إدارات يحتمل أن تتأثر تأثيراً غير مؤات (انظر الرقم 1.36.9، على سبيل الاطلاع فقط)
	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.

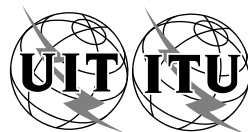
¹ 9.21/A, 9.21/B and 9.21/C – Under No. 9.21, administrations with GSO networks, Non-GSO networks and terrestrial stations, respectively.

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



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

9.41/9.7	1. La présente Section spéciale est publiée conformément au numéro 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.	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.	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.
9.41/9.7A	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.	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.	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.
9.41/9.7B			

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

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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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELÍTE		SECTION SPÉCIALE N ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º CR/F/
		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
	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. 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.	This request for coordination for BSS in the band 21.4-22GHz, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to No. 9.7 coordination. In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.	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. 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.
	DATE D'ACCÈS PRIORITAIRE PRIORITY ACCESS DATE FECHA DE ACCESO PRIORITARIO		

	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. 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.	This request for coordination for BSS in the band 21.4-22 GHz, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to No. 9.7 coordination. In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.	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. 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.

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
X	9.7			



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º AP30-30A/F/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		

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.

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

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.

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°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.
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.

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

Tableau I /Table I /Cuadro I /表一 /Таблица I / I الجدول			
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			
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 تأثراً 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	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			

X	AP30#4.2.3D	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.	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.	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.
		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.	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.	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.
		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.	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	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.

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

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 / II الجدول

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

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



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

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

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

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

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.

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

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.
☐ <i>Partie A</i> - Projets d'assignments nouvelles ou modifiées dans la Liste pour les Régions 1 et 3.	☐ <i>Part A</i> - Proposed new or modified assignments in the Regions 1 and 3 List.	☐ <i>Parte A</i> - Asignaciones propuestas nuevas o modificadas en la Lista de las Regiones 1 y 3.
☐ <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.	☐ <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.	☐ <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.
☐ <i>Partie C</i> - Annulation d'une Section spéciale Partie A publiée et/ou assignments de fréquence annulées de la Liste pour les Régions 1 et 3 conformément au § 4.1.3, à la note de bas de page 7 du § 4.1.5, à la note de bas de page 8 du § 4.1.15 et/ou § 4.1.23 de l'Article 4 de l'Appendice 30 ou Résolution 49 ou Résolution 548.	☐ <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.	☐ <i>Parte C</i> - Cancelación de una Parte A de la Sección Especial previamente publicada y/o de las asignaciones de frecuencia canceladas de la Lista de las Regiones 1 y 3, de conformidad con el § 4.1.3, la nota 7 del § 4.1.5, la nota 8 del § 4.1.15 y/o § 4.1.23 del Artículo 4 del Apéndice 30 ó Resolución 49 ó Resolución 548.

SOU MIS AU TITRE DE SUBMITTED UNDER SOMETIDO CON ARREGLO A	DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES : EXPIRY DATE FOR THE RECEIPT OF COMMENTS : FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS :



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ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN
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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.
☐ <i>Partie A</i> - Projets d'assignations nouvelles ou modifiées dans la Liste appropriée pour les Régions 1 et 3.	☐ <i>Part A</i> - Proposed new or modified assignments in the appropriate Regions 1 and 3 List.	☐ <i>Parte A</i> - Asignaciones propuestas nuevas o modificadas en la Lista apropiada de las Regiones 1 y 3.
☐ <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.	☐ <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.	☐ <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.
☐ <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.	☐ <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.	☐ <i>Parte C</i> - Cancelación de una Parte A de la Sección Especial previamente publicada y/o de las asignaciones de frecuencia canceladas de la(s) Lista(s) de las Regiones 1 y 3, de conformidad con el § 4.1.3, la nota 9 del § 4.1.5, la nota 10 del § 4.1.15 y/o 4.1.23 del Artículo 4 del Apéndice 30A ó Resolución 49 ó Resolución 548.

SOU MIS AU TITRE DE SUBMITTED UNDER SOMETIDO CON ARREGLO A	DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES : EXPIRY DATE FOR THE RECEIPT OF COMMENTS : FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS :



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º		AP30-30A/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 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.
☐ <i>Partie A</i> - Projets de modification au Plan pour la Région 2.	☐ <i>Part A</i> - Proposed modifications to the Region 2 Plan.	☐ <i>Parte A</i> - Modificaciones propuestas al Plan de la Región 2.
☐ <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.	☐ <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.	☐ <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.
☐ <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.	☐ <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.	☐ <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.
☐ <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.	☐ <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.	☐ <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 администратий, согласие которых необходимо для завершения процедуры Статьи 4	قائمة الإدارات التي تعتبر موافقتها ضرورية لإكمال إجراء المادة 4
A30A#4.2.2A / A30A#4.2.2B			
A30#4.2.3A / A30#4.2.3B			
A30#4.2.3C / A30A#4.2.2C			
A30#4.2.3D			
A30#4.2.3E6			
A30#4.2.3E7			
A30#4.2.3F			
A30A#4.1.1D (Art. 2A.2)			



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

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

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

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

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

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

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

[] 6/4 GHz
[] 13/10-11 GHz

[] 6/4 GHz
[] 13/10-11 GHz

[] 6/4 GHz
[] 13/10-11 GHz

Elle concerne les dispositions de l'Appendice 30B indiquées ci-après par une croix (x) dans la case appropriée.	It relates to the Appendix 30B provisions indicated below by an X in the relevant box.	Se refiere a las disposiciones del Apéndice 30B señaladas con una X en la casilla correspondiente.
[] § 5.6 de l'Article 5	[] § 5.6 of Article 5	[] § 5.6 del Artículo 5
[] § 6.33 de l'Article 6	[] § 6.33 of Article 6	[] § 6.33 del Artículo 6
[] § 6.49 de l'Article 6	[] § 6.49 of Article 6	[] § 6.49 del Artículo 6
[] Article 7	[] Article 7	[] 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° 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: [] Fiche de notification examinée au titre des § 6.19, 6.21 et 6.22, assignments correspondantes inscrites dans la Liste et publiées au titre du § 6.23. [] Fiche de notification examinée au titre du § 6.19 et retournée à l'administration notificatrice au titre du § 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. [] Fiche de notification retournée au titre du § 6.24, soumise à nouveau, et assignments correspondantes inscrites provisoirement dans la Liste au titre du § 6.25.	Information regarding the notice received under § 6.17, examined and published in accordance with one of the following provisions of Article 6: [] Notice examined under § 6.19, § 6.21 and § 6.22, corresponding assignments entered in the List and published under § 6.23. [] Notice examined under § 6.19 and returned to the notifying administration under § 6.20. [] Notice examined under § 6.21 and § 6.22 and returned to the notifying administration under § 6.24. [] Notice returned under § 6.24, resubmitted, and corresponding assignments provisionally entered in the List under § 6.25.	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: [] 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. [] Notificación examinada con arreglo al § 6.19 y devueltas a la administración notificante con arreglo al § 6.20. [] Notificación examinada con arreglo al § 6.21 y § 6.22 y devueltas a la administración notificante con arreglo al § 6.24. [] Notificación devuelta con arreglo al § 6.24, presentada de nuevo y asignaciones correspondientes inscrites provisionalmente en la Lista con arreglo al § 6.25.
[] Assignment 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
[] Assignment 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

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 assignments de fréquence incluses dans le Plan pour les Régions 1 et 3 conformément à la décision de la Conférence mondiale des radiocommunications, à la suite de la demande faite au titre du § 4.1.26 ou du § 4.1.27 de l'Appendice 30 .	Characteristics of new frequency assignments included in the Regions 1 and 3 Plan pursuant to the decision of the World Radiocommunication Conference on the request made under § 4.1.26 or § 4.1.27 of Appendix 30 .	Características de las nuevas asignaciones de frecuencias incluidas en el Plan para las Regiones 1 y 3 de conformidad con la decisión de la Conferencia Mundial de Radiocomunicaciones sobre la petición formulada en §4.1.26 ó §4.1.27 del Apéndice 30 .



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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 assignments de fréquence incluses dans le Plan pour les Régions 1 et 3 conformément à la décision de la Conférence mondiale des radiocommunications, à la suite de la demande faite au titre du § 4.1.26 ou du § 4.1.27 de l'Appendice 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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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 ^o 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.

☐	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.
☐	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			

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. Indication de l'étape en vertu de la RES35 : 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>	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. Indication of the RES35 Milestone: 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	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. Indicación del plazo de la RES35: 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: 2º plazo, con arreglo a los <i>resuelve</i> 7b y 8b. M3: 3er plazo con arreglo a los <i>resuelve</i> 7c y 8c.



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

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

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



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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 satelite están sometidas en el cuadro del
§ 1	Annexe 1 à la Résolution 49	Annex 1 to Resolution 49	Anexo 1 a la Resolución 49
§ 2			
§ 3			

Informations détaillées aussi disponibles sur:

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

ou

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

Detailed information also available on the:

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

or

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

Información detallada también disponible en:

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

o

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



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE	SECTION SPÉCIALE N ^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).

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</i> 4 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</i> 4 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.

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.

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	
	ntc_id	BR	9(9)	x		x	unique identifier of the notice	PK, FK; see NOTE 1
	adm	A.1.f.2	X(3)	x		x	country symbol of the notifying administration	PK; see NOTE 1
aesim_param							aeronautical earth stations in motion (A-ESIM) table	
	grp_id	BR	9(9)	x			identification of the group	PK; see NOTE 1
	aesim_elev_min	A.36.a/C.10.d.10	S9(3).9(2)	x		AP30B ESIM	minimum elevation angle at which any associated non-GSO A-ESIM/Appendix 30B A-ESIM can transmit to a non-GSO satellite in the frequency band 27.5-29.1 GHz and 29.5-30 GHz/to GSO satellite	
	fuse_mask_id	A.36.b/C.10.d.11	9(4)	x		AP30B ESIM	identifier of the aircraft fuselage attenuation mask associated with the non-GSO A-ESIM/Appendix 30B A-ESIM and based on ITU-R Recommendations	
assgn							Assigned frequency	
	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
	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	
	ntc_id		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	seq_no		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).9(2)	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	
	grp_id		9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	seq_emiss		9(4)	x			sequence number of the emission	PK, FK; see NOTE 1
	seq_no		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_link							To link 'cmr_syst' to 'grp'	

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

Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	<i>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)	
	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(30)	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	
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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	act_code		X		x		code indicating the action to be taken on the entity	see NOTE 3
	beam_old		X(8)		x		previous designation of the satellite antenna beam	in case the beam designation is to be changed
	bmwidth	B.5.b	9(3).9(2)		x		beamwidth of the earth station antenna	
	attach_e	B.5.c.1	9(2)		x		number of the attachment for the co-polar radiation pattern diagram	see NOTE 2
	attach_e_x	B.5.c.1.b	9(2)				number of the attachment for the cross-polar radiation pattern diagram	see NOTE 2
	gain	B.5.a	S9(2).9(1)		x		maximum isotropic gain of the earth station antenna	
	pattern_id	B.5.c.2.a/B.6.a	9(9)		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(9)				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_crdn	A.10.a	9(2)		x		number of the attachment for the earth station coordination diagram	see NOTE 2
	f_fdg_reqd		X				code indicating if finding is required	BR internal data
	cmp_ntc_id		9(9)				ntc_id of the second beam if two beams are compared	BR internal data
	cmp_beam		X(8)				beam_name of the second beam if two beams are compared	BR internal data
	f_cmp_str		X				code indicating if two structures compared are equal [E], have basic differences [B], have non-basic differences [N] or the second structure is not found [X]	BR internal data
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
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				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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	lat_dec		S9(2).9(4)			x	latitude in degrees with four decimals	derived data
	ant_alt		S9(4)			x	altitude of the earth station antenna in meters	
	clim_zone		X			x	rain climatic zone	
	noise_t	C.10.d.6	9(6)	x		30B	total receiving system noise temperature, expressed in kelvins referred to the output of the receiving antenna	
	gain	C.10.d.3	n:S9(2).9(1) p:S9(2).9(2)	x		x	maximum isotropic gain of the antenna expressed in dB	
	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(9)	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
	rep_type		X			x	code indicating if the reception type is individual [I] or community [C]	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	pwr_max	C.8.g.1	S9(2).9(1)				the maximum aggregate power, in dBW, of all carriers (per transponder, if applicable) supplied to the input of the transmitting antenna of the associated earth station	
	bdwidth_aggr	C.8.g.2	9(8).9(2)				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	
	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	
	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
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 µs	for active sensors
	pulse_rep	C.16.a.2	9(6).9(5)	x			the pulse repetition frequency in kHz	for active sensors
	f_emi_type	C.8.a/C.8.b	X	x			flag indicating that it is not appropriate to identify individual carriers (C.8.b)	
	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	
	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
epfd_freq							table of frequency bands applicable for each scenario	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	<i>ntc_id</i>	BR	9(9)	x			unique identifier of the notice	
	<i>scen_id</i>	BR135	9(4)	x			unique identifier of the scenario	
	<i>seq_no</i>		9(4)	x			sequence number	PK; see NOTE 1
	emi_rcp	B.2	X	x			code identifying a beam as either transmitting [E] or receiving [R]	
	freq_min	BR137	9(7).9(6)	x			minimum frequency, in MHz, for which the scenario applies	
	freq_max	BR138	9(7).9(6)	x			maximum frequency, in MHz, for which the scenario applies	
epfd_param							information, required for space stations operating in a frequency band subject to Nos. 22.5C, 22.5D, 22.5F or 22.5L, to characterize properly the performance of the non-geostationary-satellite system for EPFD examination	
	<i>ntc_id</i>	BR	9(9)	x			unique identifier of the notice	PK; see NOTE 1
	<i>scen_id</i>	BR135	9(4)	x			unique identifier of the scenario	PK
	scen_name	BR136	X(255)	x			name of the scenario	
	nbr_sat_td	A.4.b.7.a	9(9)	x			maximum number of non-geostationary satellites receiving simultaneously with overlapping frequencies from the associated earth stations within a given cell	
	density	A.4.b.7.b	9.9(12)	x			average number of associated earth stations with overlapping frequencies per square kilometre within a cell	
	avg_dist	A.4.b.7.c	9(4).9	x			average distance, in kilometres, between co-frequency cells	
	f_x_zone	A.4.b.7.d.1	X	x			type of exclusion zone (topocentric angle [Y])	
	x_zone	A.4.b.7.d.2	9(2).9	x			width of the exclusion zone in degrees	
	elev_min	A.4.b.7.cbis	S9(3).9(2)	x			minimum elevation angle at which any associated earth station can transmit to or receive from a non-geostationary satellite	
es_ctry							country or geographical area table for the earth station	
	<i>ntc_id</i>	BR	9(9)	x			unique identifier of the notice	PK; see NOTE 1
	<i>ctry</i>	A.1.e.2bis	X(3)	x			country or geographical area in which the station is located, using the symbols from the Preface	PK
ex_op_grp							Exclusive operation group	
	<i>grp_id</i>	BR	9(9)			x	unique identifier of the group	PK; see NOTE 1
	beamgrp_id	C.15.a	X(6)			x	beam group code	
geo							Geostationary space station	
	<i>ntc_id</i>	BR	9(9)	x		x	unique identifier of the notice	PK; see NOTE 1
	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	inclin_exc	A.4.a.2.c	9(2).9(2)	x		30B	inclination excursion	
	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	
	<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
	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
	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	
	<i>grp_id</i>		9(9)	x	x	x	unique identifier of the group	PK; see NOTE 1
	ntc_id		9(9)	x	x	x	unique identifier of the notice	FK
	emi_rcp	B.2	X	x	x	x	code identifying a beam as either transmitting [E] or receiving [R]	FK
	beam_name	B.1.a	X(8)	x	x	x	designation of the satellite antenna beam	FK
	noise_t	C.5.a/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	BR data (date in yyyyymmdd format)
	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)	BR data (date in yyyyymmdd format)
	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	bdwidth	C.3.a/C.5.d.2	9(8).9(2)	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)
	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	BR data (date in yyyyymmdd format)
	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_nbw	C.8.b.3.c	9(6).9(2)	x			necessary bandwidth for active sensors (MHz)	
	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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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(8).9(2)	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
	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	
	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
	pfd_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)

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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_no_coord		X	x	x		flag to indicate that the group is not subject to coordination (BR internal use only)	
	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
	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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
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
	<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
	<i>elev_ang</i>	A.7.a.1	S9(2).9		x		elevation angle in degrees of the horizon in the azimuth given in data-item "azm"	
	<i>hor_dist</i>	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"	
	<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
interf_poc							point of contact table for the purpose of tracing cases of unacceptable interference from non-GSO ESIMs	
	<i>grp_id</i>	BR	9(9)	x			identification of the group	PK
	<i>poc_id</i>	A.33.a/A.36.c	9(9)	x		AP30B ESIM	identifier of the point of contact	PK
isl_param							inter-satellite link parameters table	
	<i>ntc_id</i>	BR	9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	<i>freq_min</i>	BR	9(7).9(6)	x			minimum frequency, in MHz, for which the mask pattern and the exclusion zone angle apply	PK
	<i>freq_max</i>	BR	9(7).9(6)	x			maximum frequency, in MHz, for which the mask pattern and the exclusion zone angle apply	PK
	<i>x_zone_isl</i>	A.27.d	9(2).9	x			exclusion zone angle in degrees	
	<i>mask_id_isl</i>	A.27.e	9(4)	x			mask pattern identifier	
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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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>ntc_id</i>		9(9)	x			unique identifier of the notice	PK
	<i>scen_id</i>		9(4)	x			unique identifier of the scenario	PK
	<i>seq_no</i>		9(4)	x			sequence number of the mask	PK
	orb_id		9(4)	x			sequence number of the orbital plane	FK
	sat_orb_id		9(9)	x			sequence number of the satellite in the orbital plane	FK
	mask_id	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>ntc_id</i>		9(9)	x			unique identifier of the notice	PK
	<i>scen_id</i>		9(4)	x			unique identifier of the scenario	PK
	<i>seq_no</i>		9(4)	x			sequence number of the mask	PK
	e_as_id		9(9)	x			sequence number of the associated earth station	FK
	orb_id		9(4)	x			sequence number of the orbital plane	FK
	sat_orb_id		9(9)	x			sequence number of the satellite in the orbital plane	FK
	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
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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	attach_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	
	attach_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	
ngeo_diag_grp							table of diagrams/attachments provided to the group (for non-NGSO only)	
	grp_id	BR	9(9)	x			identification of the group	PK; see NOTE 1
	attach_multi_access	C.9.c.1	9(4)	x			type of multiple access (attachment number)	
	attach_spec_mask	C.9.c.2	9(4)	x			spectrum mask (attachment number)	
	diag_spec_mask	C.9.c.2	9(4)	x			spectrum mask (GIMS diagram number)	
	attach_aff_rgn	C.11.b	9(4)	x			appropriate information required to calculate the affected region (attachment number)	
	diag_aff_rgn	C.11.b	9(4)	x			appropriate information required to calculate the affected region (GIMS diagram number)	
ngma							Link-noise/transmission gain for one or more straps	
	ntc_id		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	ngma_id	D.2	9(4)	x			identifier for a given set of equivalent satellite link noise temperature (ESLNT) and transmission gain values (gamma)	PK; see NOTE 1
	act_code	D.2	X	x			code indicating the action to be taken on the entity	see NOTE 3
	strp_id_fr	D.2	9(4)	x			lower limit of the range of strap serial numbers	
	strp_id_to	D.2	9(4)	x			upper limit of the range of strap serial numbers	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	noise_t_lo	D.2.a.1	9(8)	x			lowest value of equivalent satellite link noise temperature (ESLNT) associated with the strap	
	gain_as_lo	D.2.a.2	S9(2).9(1)	x			value of transmission gain (gamma) associated with the value of ESLNT given above	
	noise_t_hr	D.2.b.1	9(8)	x			value of equivalent satellite link noise temperature for highest ratio of transmission gain to ESLNT associated with the strap	
	gain_as_hr	D.2.b.2	S9(2).9(1)	x			value of transmission gain (gamma) associated with the value of ESLNT given above	
	stn_name	D.2	X(30)	x			name of the receiving earth station	
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
non_geo							Non-geostationary space station	
	<i>ntc_id</i>		9(9)	x			unique identifier of the notice	PK, FK; see NOTE 1
	sat_name	A.1.a	X(30)	x			name of the satellite	
	ref_body	A.4.b.1	X	x			code for the reference body about which the satellite orbits	Table 8 of the Preface
	nbr_sat_nh	A.4.b.3.e.1	9(9)	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.e.2	9(9)	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.2	9(4)	x			number of non-geostationary orbital planes	
	nbr_sat_td	A.4.b.7.a	9(9)	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_sdm	A.1.g	X	x			indicator showing that the non-geostationary-satellite system is planned to be operated in accordance with Resolution 32	
	f_constell	A.4.b.3.a	X	x			indicator of whether the non-geostationary-satellite system represents a "constellation"	
	multi_config_type	A.4.b.3.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.3.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]	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
notice							General information for the notice	
	<i>ntc_id</i>		9(9)	x	x	x	unique identifier of the notice	PK; see NOTE 1
	<i>prov</i>		X(12)	x	x	x	provision of the RR according to which the notice is submitted	
	<i>plan_id</i>		X(4)				identifier of the plan	BR internal use
	<i>adm</i>	A.1.f.1	X(3)	x	x	x	country symbol of the notifying administration	
	<i>ntwk_org</i>		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))	
	<i>ntf_occurs</i>		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	
	<i>ntf_rsn</i>		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], Res49 [U], Res35 [X] or Res8 [T]	derived data
	<i>st_cur</i>		X(2)				processing status of the notice	BR internal use
	<i>f_aa_type</i>		X				flag indicating assignment/allotment type (plan/list, etc.)	BR data
	<i>act_code</i>		X	x	x	x	code indicating the action to be taken on the entity	see NOTE 3
	<i>d_rcv</i>		9(8)				date of receipt of the notice	BR data (date in yyyyymmdd format)
	<i>wic_no</i>		9(4)				the number of the WIC/IFIC in which the notice was most recently published	BR data
	<i>wic_part</i>		X				the part of the WIC/IFIC in which the notice was most recently published	BR data
	<i>d_wic</i>		9(8)				the date of most recent publication of the notice in the WIC/IFIC	BR data (date in yyyyymmdd format)
	<i>f_adm_proxi</i>	A.1.f.2	X	x		x	flag indicating that administration is notifying on behalf of other administrations	

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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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
	prov_desc		X(50)				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	x		unique identifier of the notice	PK, FK; see NOTE 1
	<i>commit_type</i>		X(30)	x	x		commitment type code	PK; see NOTE 7
	attch_no		9(4)	x	x		attachment number corresponding to the commitment label in commit_type, if required	
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(9)	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.3.d	9(4)	x			Identifier of the orbital configuration subset to which this orbital plane belongs	
	right_asc	A.4.b.4.g	9(3).9(2)	x			angular separation in degrees between the ascending node and the vernal equinox	if 9.11A applies
	inclin_ang	A.4.b.4.a	9(3).9(2)	x			inclination angle of the satellite orbit with respect to the Earth's equatorial plane	
	prd_ddd	A.4.b.4.c.1	9(3)	x			day part of time elapsing between two consecutive passages of a non-geostationary satellite through a point in its orbit	
	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	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	apog_km	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
	perig_km	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_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_km	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
	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	
	f_alt_keep	A.4.b.4.p	X	x			indicator (Y/N) of whether the space station uses station-keeping to maintain the altitudes of the apogee and perigee during its operational lifetime	
	attch_alt	A.4.b.4.q	9(2)	x			altitude of the apogee and perigee in kilometers (attachment number)	
	apog_dist	A.4.b.4.r	9(5).9(2)	x			distance to the apogee of the space station in kilometers	
	perig_dist	A.4.b.4.s	9(5).9(2)	x			distance to the perigee of the space station in kilometers	
	rpt_prd_dd	A.4.b.6.d	9(3)	x			day part of constellation repeat period (s)	
	rpt_prd_hh	A.4.b.6.d	9(2)	x			hour part of constellation repeat period (s)	
	rpt_prd_mm	A.4.b.6.d	9(2)	x			minute part of constellation repeat period (s)	
	rpt_prd_ss	A.4.b.6.d	9(2)	x			second part of constellation repeat period (s)	
	f_precess	A.4.b.6.e	X	x			flag indicating if the space station should [Y] or should not [N] be modeled with specific precession rate of the ascending node of the orbit instead of the J2 term	
	precession	A.4.b.6.f	9(3).9(2)	x			for a space station that is to be modeled with specific precession rate of the ascending node of the orbit instead of the J2 term, the precession rate in degrees/day measured counter-clockwise in the equatorial plane	
	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]	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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 hhhmmss 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_ink							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	
orbit_set							orbit set table	
	<i>ntc_id</i>	BR	9(9)	x			unique identifier of the notice	PK; see NOTE 1
	<i>orbit_set_id</i>	A.4.b.3.d	9(4)	x			if the orbital planes identified under A.4.b.3.b describe multiple mutually exclusive configurations, identification of the orbital planes' id numbers that are associated with each of the mutually exclusive configurations	PK
	aggr_eirp_mssprot	A.26.a	S9(2).9(1)	x			maximum aggregate e.i.r.p. in a 1 MHz reference bandwidth of associated non-GSO earth stations operating co-frequency of a single non-GSO constellation/configuration towards any point within the geostationary arc	
	aggr_pfd_mssprot	A.26.b	S9(3).9(1)	x			maximum aggregate pfd in a 1 MHz reference bandwidth caused by all non-GSO space stations operating co-frequency towards the same location in a single non-GSO constellation/configuration at any point of the Earth's surface within the visibility area of the GSO	
	f_x_zone_mssprot	A.26.c	X	x			for the exclusion zone about the geostationary-satellite orbit, the type of zone (topocentric angle [Y], satellite-based angle [N])	
	x_zone_mssprot	A.26.d	9(2).9	x			for the exclusion zone about the geostationary -satellite orbit, if the zone is based on a topocentric angle or a satellite-based angle, the width of the zone, in degrees	
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
	oeprm		S9(3).9(3)			30/30A	overall equivalent protection margin in dB	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
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
	<i>orb_sat_id</i>		9(9)	x			satellite sequence number in the orbital plane	PK
	itu_sat_id	BR134	X(30)	x			unique identification of each satellite	
	act_code		X	x			code indicating the action to be taken on the entity	
	phase_ang	A.4.b.4.h	9(3).9(2)	x			initial phase angle of the satellite in the orbital plane	if 9.11A applies
	f_res8	BR	X	x			flag to indicate satellite linked to beams and orbit subject to RES8	
	d_discontinued	BR	9(8)	x			date of when the use of the satellite is discontinued (RES8)	
	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
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
	pbeam_name		X(8)			x	designation of the satellite antenna beam (plan)	
	multibeam_set		9(4)			x	Multibeam code	
	exop_set	C.15.a	9(4)			x	Exclusive operation code	
	f_victim_op		X			x	'Y' for old historical victims, not mentioned in the RR (no relation with Art.6 part A), 'N' for the rest. (No 'new' victims are expected to be added in the future.)	
	agg_tolerance		9.9(2)			x	0.05 dB for assignments stemming from conversion without modification or conversion with modification which is within the envelope characteristics of the initial allotment; NULL for the rest (BR software will apply 0.05 dB for assignments in the Plan and 0.25 dB for others)	
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
	coord_st		X				code indicating the result of the coordination process	
	adm		X(3)	x	x		country symbol of the notifying administration	Table 1A of the Preface
	ntwk_org		X(3)	x	x		symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to BR IFIC (Space Services))	
	ctry		X(3)				country or geographical area	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	f_no_comment		X				flag to indicate whether commenting period is re-opened. Flag is empty in normal case (commenting period is opened) and set to 'Y' when the period is not reopened.	BR internal data
pwr_ctrl							Power control information	
	<i>grp_id</i>		9(9)				unique identifier of the group	PK, FK; see NOTE 1
	<i>seq_assgn</i>		9(4)				sequence number of the frequency assignment	PK, FK; see NOTE 1
	<i>seq_emiss</i>		9(4)				sequence number of the emission	PK, FK; see NOTE 1
	pwr_ctrl	C.8.i	9(4).9			30A	power control	
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	PK
	nbr_sat_pl	A.4.b.4.b	9(9)				number of satellites per notified orbital plane	
	freq_min_mhz		9(7).9(6)				lower bound of the frequency range for the deployed satellites	
	freq_max_mhz		9(7).9(6)				upper bound of the frequency range for the deployed satellites	
	nbr_sat_deployed	RES35.A1.A5	9(9)				total number of space stations deployed into each notified orbital plane and frequency range	
	nbr_sat_min		9(9)				minimum number of deployed space stations to meet the current Milestone	
	ms_findings		X(6)				milestone reached indicator	
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(9)				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
	freq_min_mhz	RES35.A1.C1	9(7).9(6)				lower bound of the frequency range for the space station transmit or receive frequency range	
	freq_max_mhz	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
	lsp_name	RES35.A1.B1	X(20)				name of the launch vehicle provider	
	vehicle	RES35.A1.B2	X(20)				name of the launch vehicle	
	facility	RES35.A1.B3	X(20)				name of the launch facility	
	ctry		X(3)				symbol of the country or geographical area in which the launch facility is located	derived data
	long_dec	RES35.A1.B3	S9(3).9(4)				longitude coordinate of the launch facility in degrees	derived data
	lat_dec	RES35.A1.B3	S9(2).9(4)				latitude coordinate of the launch facility in degrees	derived data
	d_launch	RES35.A1.B4	9(8)				launch date	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
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(9)				unique identifier of the RES 35 space station	PK
	itu_sat_id	RES35.A1.A6	X(30)	x			unique identification of each satellite	
	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
res35_sp_stn_deploy							res35 space station deployment link table	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the notice	PK; see NOTE 1
	<i>launch_id</i>	BR	9(4)				unique identifier of the RES 35 launch. Refer to 'res35_launch' table	PK
	<i>station_id</i>	BR	9(9)				unique identifier of the RES 35 space station. Refer to 'res35_sp_stn' table	PK
	<i>freq_notif_id</i>	BR	9(4)				unique identifier of the frequency range. Refer to 'res35_deploy' table	PK
res49_sel							Resolution 49 download table	data downloaded from SNS for filing RS49
	grp_id		9(9)				group id number	PK; see NOTE 1
	sat_name	A.1.a	X(30)				name of the space station	
	long_nom	A.4.a.1	S9(3).9(2)				nominal longitude of space station	
	ntf_rsn		X				notification reason - see "notice" table	
	adm	A.1.f.1	X(3)				notifying administration	
	ntwk_org	A.1.f.3	X(3)				intergovernmental satellite organization	
	d_inuse	A.2.a	9(8)				date of bringing into use	
	ntc_id		9(9)				BR notice id of the filing	
	st_cur		X(2)				processing status of the filing	
	d_prot_eff		9(8)				date of protection of the frequency group	
	freq_min		9(7).9(6)				lower bound of the frequency range for the group	
	freq_max		9(7).9(6)				upper bound of the frequency range for the group	
	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_rep	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

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
res8_sp_stn							table of submitted and observed orbital values	
	<i>ntc_id</i>	BR	9(9)				unique identifier of the notice	PK; see NOTE 1
	<i>itu_sat_id</i>	BR	X(30)				unique identifier of each satellite	PK
	sp_stn_name	RES8.A1.B1	X(30)				name of the space station	
	obs_phase_ang	RES8.A1.B2	9(3).9(2)				observed initial phase angle of the satellite in the orbital plane	
	apog_dist_obs	RES8.A1.B3	9(5).9(2)				observed distance to the apogee of the space station in kilometers	
	perig_dist_obs	RES8.A1.B3	9(5).9(2)				observed distance to the perigee of the space station in kilometers	
	inclin_ang_obs	RES8.A1.B3	9(3).9(2)				observed inclination angle of the satellite orbit with respect to the Earth's equatorial plane, in degrees	
	apog_dist	A.4.b.4.r	9(5).9(2)				distance to the apogee of the space station in kilometers (at the date of RES 8 submission)	
	perig_dist	A.4.b.4.s	9(5).9(2)				distance to the perigee of the space station in kilometers (at the date of RES 8 submission)	
	inclin_ang	A.4.b.4.a	9(3).9(2)				inclination angle of the satellite orbit with respect to the Earth's equatorial plane, in degrees (at the date of RES 8 submission)	
	res8_resolves		X(12)				Number of the resolves of Resolution 8 which applies and its result. (Empty, Y/resolves6, Y/resolves7, Y/resolves9, Y/resolves11, N/resolves11)	
s_as_stn							Space associated station	
	<i>grp_id</i>		9(9)	x			unique identifier of the group	PK, FK; see NOTE 1
	<i>sat_name</i>	C.10.a.1	X(30)	x			name of the associated space station	PK
	<i>beam_name</i>		X(8)	x			designation of the associated satellite antenna beam	PK
	act_code		X	x			code indicating the action to be taken on the entity	see NOTE 3
	stn_type	C.10	X	x			type of the associated space station: geostationary [G] or non-geostationary [N]	
	long_nom	C.10.a.2	S9(3).9(2)	x			nominal longitude of the associated space station, if geostationary; give "-" for West "+" for East	in degrees from -179.99 to +180.00
	f_cmp_rec		X				code indicating if two records compared are equal [E], have basic differences [B], have non-basic differences [N] or the second record is not found [X]	BR internal data
s_beam							satellite antenna beam	
	<i>ntc_id</i>		9(9)	x		x	unique identifier of the notice	PK, FK; see NOTE 1
	<i>emi_rcp</i>	B.2	X	x		x	code identifying a beam as either transmitting [E] or receiving [R]	PK
	<i>beam_name</i>	B.1.a	X(8)	x		x	designation of the satellite antenna beam	PK
	beam_old		X(8)	x			previous designation of the satellite antenna beam	if the designation of the beam is to be changed
	f_steer	B.1.c	X	x			code indicating if the beam is steerable (see No. 1.191) or reconfigurable	
	gain	B.3.a.1	n:S9(2).9(1)) p:S9(2).9(2))	x		x	maximum isotropic gain of the antenna expressed in dB; copolar gain for plans	
	gain_x	B.3.a.2	9(2).9(2)			30/30A	crosspolar gain (for shaped beams only)	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	beamlet		9(2).9			x	spot beam	
	bore_long	B.3.f.1.a	S9(3).9(2)			x	longitude coordinate of the satellite boresight	
	bore_lat	B.3.f.1.b	S9(2).9(2)			x	latitude coordinate of the satellite boresight	
	maj_axis	B.3.f.2.c	9(2).9(2)			x	major axis of the satellite beam projection	
	min_axis	B.3.f.2.d	9(2).9(2)			x	minor axis of the satellite beam projection	
	orient	B.3.f.2.b	S9(3).9(2)			x	orientation of the satellite beam	
	pnt_acc	B.3.d	9.9(2)	x			the pointing accuracy of the antenna, in degrees	
	rot_acc	B.3.f.2.a	9.9(2)			x	satellite beam rotational accuracy	
	pattern_id	B.3.c.1.b	9(9)				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
	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_co_change		X				code indicating that the antenna gain contour diagram has been modified	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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(9)	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>scen_id</i>	BR	9(4)	x			unique identifier of the scenario	
	<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(9)	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(9)	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_syst							table to identify spacecraft under Res. 552	
	<i>itu_scraft_id</i>		9(9)	x			Unique identification of the spacecraft	PK, FK
	ntwk_name		X(30)	x			commercial name of the satellite	
	lsp_name		X(20)	x			name of the launch service provider	

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Table Name	Data Item	Items in AP4	Format	4/2	4/3	Plans	Description	Comment
	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	
	mfct_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
srvlnk_sat							table for service links	
	<i>ntc_id</i>	BR	9(9)	x			unique identifier of the notice	PK; see NOTE 1
	<i>srvlnk_sat_name</i>	A.1.c	X(30)	x			if different from A.1.a, the identity of the satellite network or system containing the service link frequency assignments	PK
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
	pfd_exc_dn_max	9(4).9(3)	maximum pfd excess in the downlink	
	pfd_exc_up_max	9(4).9(3)	maximum pfd excess in the uplink	
	f_pfd_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(9)	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	
	<i>ntc_id</i>	9(9)	unique identifier of the space plan transaction	PK; see NOTE 1
	ntwk_pack	X(4)	network package identifier	
	<i>ntc_id_aff</i>	9(9)	unique identifier of the affected transaction	PK
	<i>pbeam_name</i>	X(8)	plan/list beam identification	PK
	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.	
	<i>aff_chs</i>	X(56)	final list of channels identified as affected	PK
	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	
	f_pfd_lim_a40a	X	commitment to respect the power-flux density limits specified under § 4.1.13bis of Article 4 of Appendix 30/30A or § 6.15quat of Article 6 of Appendix 30B, as appropriate	

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Reference Tables

Table Name	Data Item	Format	Description	Comment
ant_type			Antenna type information	
	<i>pattern_id</i>	9(9)	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	
ras_ant_type			radio astronomy antenna type information table	
	<i>pattern_id</i>	9(9)	unique identifier of the radio astronomy antenna radiation pattern	
	pattern_type	X(50)	antenna type	
	ant_dim	9(3).9(2)	antenna diameter	
	eff_area	9(6).9(2)	effective area	
	add_desc	X(500)	additional description	
	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
	<i>grp_id_last</i>	9(9)	Last allocated <i>grp_id</i>	
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
	<i>reg_st</i>	X	code indicating regulatory status (F = First bringing into use, S = Suspended, R= Resumed)	
	<i>d_reg_st</i>	9(8)	Date of first bringing into use / suspending / resuming	
	<i>rsn_susp</i>	X(255)	reason for suspension	
	<i>wic_no</i>	9(4)	the number of the WIC/IFIC in which the notice was most recently published	BR data
com_el			Common elements	BR internal use
	<i>ntc_id</i>	9(9)	unique identifier of the notice	PK, FK see NOTE 1
	<i>prov</i>	X(12)	provision of the RR according to which the notice is submitted	
	<i>plan_id</i>	X(4)	identifier of the plan	FK
	<i>adm</i>	X(3)	country symbol of the notifying administration	
	<i>ntwk_org</i>	X(3)	symbol of the organization operating regional or international satellite networks (Table 2 of the Preface to 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>act_code</i>	X	code indicating action to be taken on the entity	see NOTE 3
	<i>ntf_rsn</i>	X	notification reason - see "notice" table	derived data
	<i>st_cur</i>	X(2)	processing status of the notice	BR internal use
	<i>d_rcv</i>	9(8)	date of receipt of the notice	BR data (date in yyyyymmdd format)
	<i>wic_no</i>	9(4)	the number of the WIC/IFIC in which the notice was most recently published	BR data
	<i>wic_part</i>	X	the part of the WIC/IFIC in which the notice was most recently published	BR data
	<i>ntc_type</i>	X	code indicating if the notice is of a geostationary satellite [G], non-geostationary satellite [N], specific earth station [S], typical earth station [T] or radio astronomy station [R]	
	<i>adm_ref_id</i>	X(20)	reference identifier of the notice given by the notifying administration	
	<i>tgt_ntc_id</i>	9(9)	identifier of the notice to be modified or suppressed	
	<i>stn_name</i>	X(30)	name of the earth station	
	<i>long_dec</i>	S9(3).9(4)	longitude coordinate of the earth station in degrees	derived data
	<i>lat_dec</i>	S9(2).9(4)	latitude coordinate of the earth station in degrees	derived data
	<i>ctry</i>	X(3)	symbol of the country or geographical area in which the station is located	
	<i>prov_desc</i>	X(50)	additional information to specify the exact provision	
freq			Frequency	BR internal use
	<i>ntc_id</i>	9(9)	unique identifier of the notice	FK see NOTE 1
	<i>emi_rcp</i>	X	code identifying a beam as either transmitting [E] or receiving [R]	FK

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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).9(2)	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	PK
	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	attch_e	earth station antenna radiation diagram (when they are provided in the form of equations)
B5c	e_ant	attch_e_x	number of the attachment for the cross-polar radiation pattern diagram
A7a	e_stn	attch_hor	horizon elevation diagram
A10a	e_ant	attch_crdn	earth station coordination area diagram
BR92	s_beam	attch_alpha_beta	explanation when angle alpha or angle beta cannot be provided
B3b1	s_beam	attch_pfd_steer	Method required in ROP 21.16
B3c1	s_beam	attch_e	number of the attachment for the co-polar antenna radiation pattern diagram
C8c2	emiss	attch_pep	Reason for absence of the minimum peak power
C8c4	emiss	attch_mpd	Reason for absence of the minimum power density
C8e2	emiss	attch_c2n	Reason for absence of the carrier-to-noise ratio
C9a8	mod_char	attch_mod	Indicating for all other types of modulation, such particulars as may be useful for an interference study
C9a5a	mod_char	attch_sig	Nature of modulating signal for an amplitude modulated carrier
C9c1	ngeo_diag_grp	attch_multi_access	Type of multiple access
C9c2	ngeo_diag_grp	attch_spec_mask	Spectrum mask
C11b	ngeo_diag_grp	attch_aff_rgn	Information required to calculate the affected region
C10d5a	e_as_stn	attch_e	Attachment for the co-polar radiation pattern diagram
C10d5b	e_as_stn	attch_e_x	Attachment for the cross-polar radiation pattern diagram

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Ref. to Ap4	Table Name	Column	Description
A4b4q	orbit	attch_alt	Attachment for the altitude of the apogee and perigee in kilometers
	ntc_commit	attch_no	Attachment corresponding to the commitment label in commit_type

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:

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

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

Example 1

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

Example 2

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

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	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

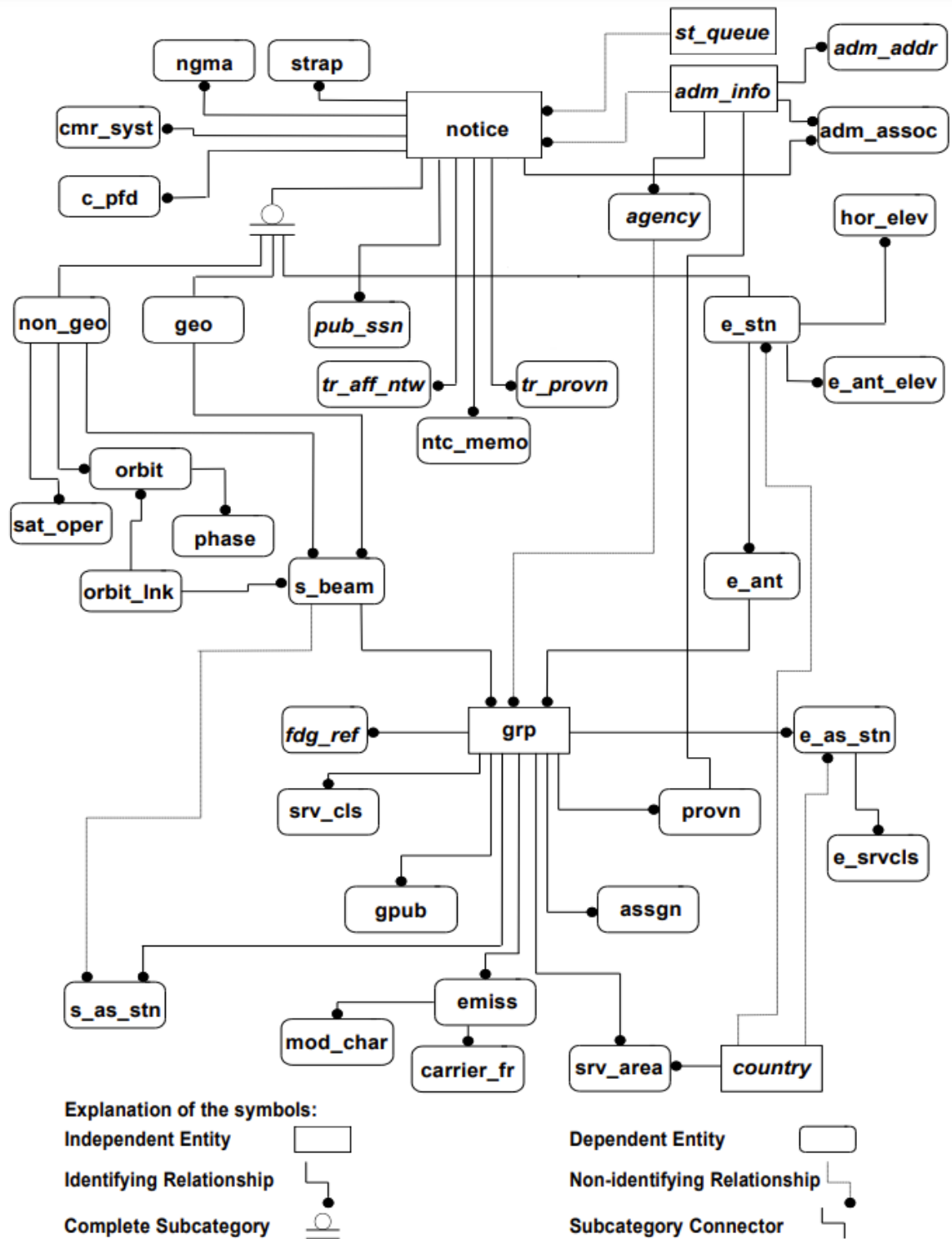
In the table ntc_commit, the commit_type data item is used to indicate the type of regulatory commitment provided by the administration in relation to the current notice.

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:

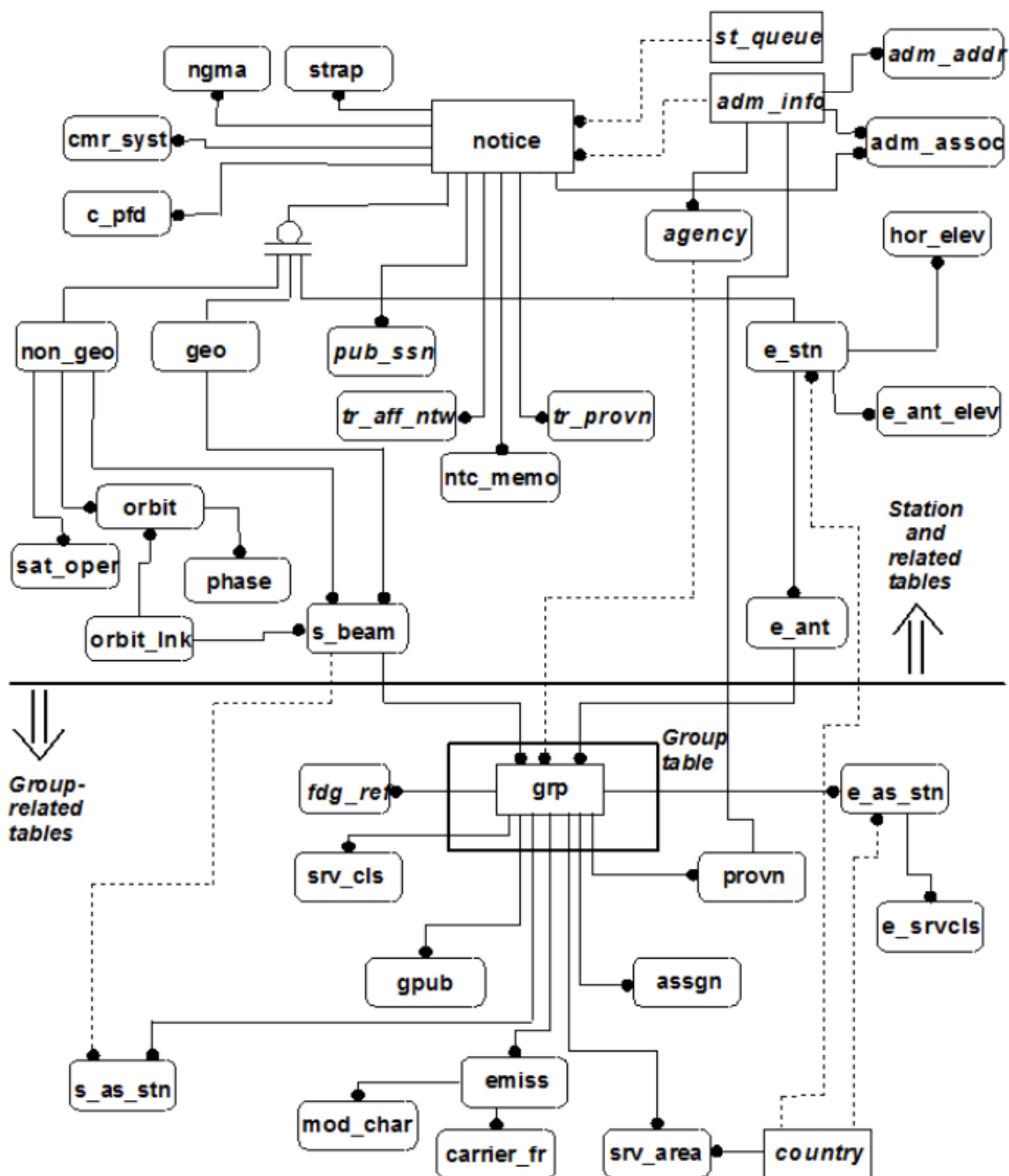
Code	RR Reference	Description
AIRCRAFT_ES	AP4, A.18.a	a commitment that the characteristics of the aircraft earth station (AES) in the aeronautical mobile-satellite service are within the characteristics of the specific and/or typical earth station published by the Bureau for the space station to which the AES is associated
AP30B_ESIM_RE S121_1	AP4, A.29.a	a commitment that the characteristics of Appendix 30B ESIMs shall remain within the envelope of typical characteristics of notified Appendix 30B earth stations associated with the satellite networks with which ESIMs communicate, as published by the Bureau
AP30B_ESIM_RE S121_2	AP4, A.30.a	a commitment that the Appendix 30B ESIM operation would be in conformity with the Radio Regulations and Resolution 121 (COM5/2) (WRC-23)
AP30B_ESIM_RE S121_20	AP4, A.19.a	a commitment that the use of the assignment shall not cause unacceptable interference to, nor claim protection from, those assignments for which agreement still needs to be obtained. Required only if the notice is submitted under § 6.25 of Article 6 of Appendix 30B or under paragraph 20 of Section A of Part 1 of Annex 1 to Resolution 121 (COM5/2) (WRC 23)
AP30B_ESIM_RE S121_3	AP4, A.31.a	a commitment that the Appendix 30B ESIM operation would be in conformity with resolves 2.1 and further resolves 2, 2.1 and 2.2 of Resolution 121 (COM5/2) (WRC-23)
AP30B_ESIM_RE S121_4	AP4, A.32.a	a commitment that, upon receiving a report of unacceptable interference, the notifying administration for the GSO FSS network with which the Appendix 30B ESIM communicates shall follow the procedures in resolves 9 of Resolution 121 (COM5/2) (WRC-23)
ART22_SEC_V	AP4, A.25.a	a commitment by the administration of compliance with Nos. 22.22, 22.23, 22.24 and 22.25
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.
EIRPD_37G	AP4, A.28.a	a commitment by the notifying administration for a non-GSO FSS system with an altitude of the apogee of more than 407 km and less than 2 000 km in the frequency band 37.5-38 GHz that the e.i.r.p. density in the frequency band 36-37 GHz shall be less than -21 dB(W/100 MHz) per space station for angles greater than 65° from nadir relative to the FSS space station
EPFD_A15A	AP4, A.15.a	a commitment that the filed for system will meet the additional operational epfd limits that are specified in Table 22-4A1 under No. 22.5I
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
NGSO_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
OFF_AXIS_A16A	AP4, A.16.a	a commitment that the associated earth stations operating with a geostationary satellite network in the fixed-satellite service meet the off-axis power limitations given in Nos. 22.26 to 22.28 or 22.32 (as appropriate) under the conditions specified in Nos. 22.30, 22.31 and 22.34 to 22.39
PFD_5_502	AP4, A.16.b	a commitment by administrations that the filed system will meet the single entry power flux-density limits that are specified in No. 5.502
PFD_A17A	AP4, A.17.a	a commitment of compliance with per-satellite power flux-density level produced at the Earth's surface of -129 dB(W/(m ² · MHz)) in any 1 MHz band under free space propagation conditions
RES123_1	AP4, A.34.a	a commitment that the notifying administration will operate the non-GSO ESIMs in conformity with the Radio Regulations, including Resolution 123 (WRC-23)

Code	RR Reference	Description
RES123_2	AP4, A.35.a	a commitment that the notifying administration will operate the non-GSO ESIMs in conformity with resolves 3.5 and further resolves 1, 2, 3 and 4 of Resolution 123 (WRC-23)
RES123_3	AP4, A.37.a	a commitment that the notifying administration will operate the non-GSO ESIMs in conformity with resolves 3.7 and further resolves 1, 2, 3 and 4 of Resolution 123 (WRC-23), see resolves 3.7.1 of Resolution 123 (WRC-23)
RES123_4	AP4, A.38.a	a firm, objective, actionable, measurable and enforceable commitment that in case of reported unacceptable interference, the notifying administration undertakes to immediately eliminate the interference or reduce it to an acceptable level. Required only for the notification of earth stations in motion submitted in accordance with Resolution 123 (WRC-23)
RES156	AP4, A.19.b	a commitment under resolves 1.5 of Resolution 156 (ESIM)
RES169_ESIM_1	AP4, A.20.a	a commitment that the ESIM operation would be in conformity with the Radio Regulations and Resolution 169
RES169_ESIM_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
RES169_ESIM_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
RES406	AP4, A.17.h	a commitment of compliance with the per-satellite power flux-density level produced at the Earth's surface of -170 dB(W/(m ² · 14 kHz)) in any 14 kHz band in the frequency band 137-138 MHz under free-space propagation conditions
RES678	BR133	Res 678, resolves 1.1 any earth station in the SRS operating in the frequency band 14.8-15.35 GHz shall not exceed the power flux-density (pfd) level of -156 dB(W/m ²) for more than 2% of the time in a 50 MHz bandwidth in the frequency band 15.35-15.4 GHz, at any radio astronomy site observing in the frequency band 15.35-15.4 GHz
RES678_1	AP4, A.17.g.1	a commitment to observe the limit on equivalent power flux-density (epfd) produced at the site of a radio astronomy station in the frequency band 15.35-15.4 GHz, as defined in resolves 1.3 of Resolution 678 (WRC-23)
RES678_2	AP4, A.17.g.2	a commitment to observe the limit on power flux-density (pfd) produced at the site of a radio astronomy station in the frequency band 15.35-15.4 GHz, as defined in resolves 1.2 of Resolution 678 (WRC-23)
RES679_1	AP4, A.27.a	a commitment from the notifying administration of a non-GSO space station receiving in the frequency bands 27.5-28.6 GHz and 29.5-30.0 GHz that the equivalent power flux-density produced at any point in the geostationary-satellite orbit by emissions from all combined operations of inter-satellite and Earth-to-space links shall not exceed the limits given in Article 22, Tables 22-1B, 22-1C and 22-2
RES679_2	AP4, A.27.b	a commitment from the notifying administration of space stations receiving in the frequency band 27.5-30 GHz that, upon receiving a report of unacceptable interference, the notifying administration will follow the procedures in further resolves 3 of Resolution 679 (WRC-23)
RES679_3	AP4, A.27.c	a commitment of compliance with the per-satellite power flux-density level in the frequency band 19.3-19.7 GHz, as defined in No. 5.523DA
RES679_4	AP4, A.27.f.1	a commitment by the notifying administration for a non-GSO FSS system with an altitude of apogee of less than 20 000 km communicating with lower orbiting non-GSO space stations in the frequency bands 18.3-18.6 GHz and 18.8-19.1 GHz that the pfd shall be in conformity with the pfd limits on the Earth's surface specified in Annex 3 to Resolution 679 (WRC-23)
RES8	AP4, A.39.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 of the BR IFIC for the frequency assignments to the non-geostationary-satellite system
ROP_4-4	BR109 (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

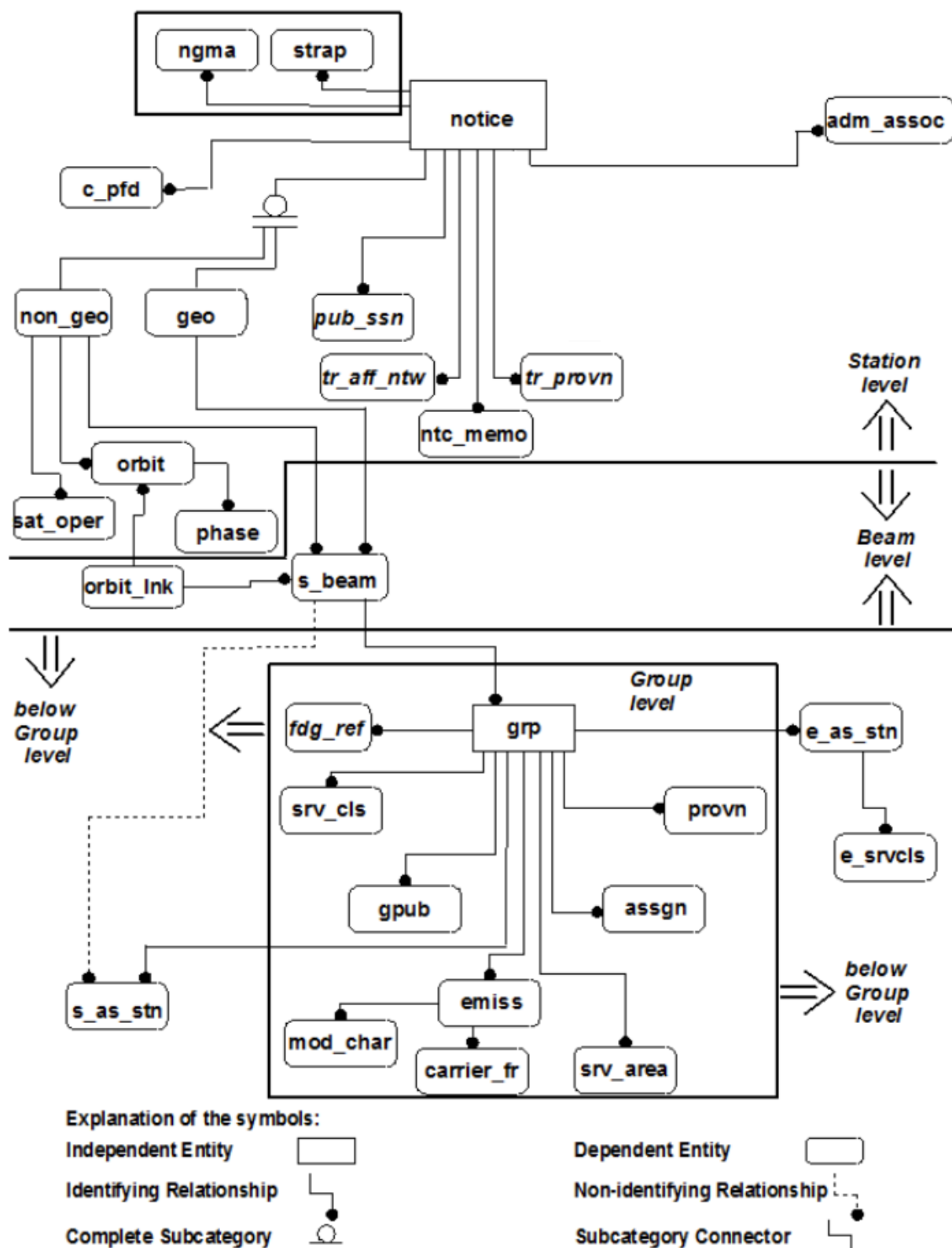
Code	RR Reference	Description
RR5_515B	BR131	a firm, objective, actionable, measurable and enforceable commitment that, in the event of harmful interference being reported to space stations receivers in Appendix 30A, the notifying administration of the fixed-satellite service (space-to-Earth) shall undertake immediate action to eliminate the interference or reduce it to an acceptable level. Required for the band 17.3 - 17.7 GHz using FSS in Region 2
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
SEP_DIST_A16C	AP4, A.16.c	a 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



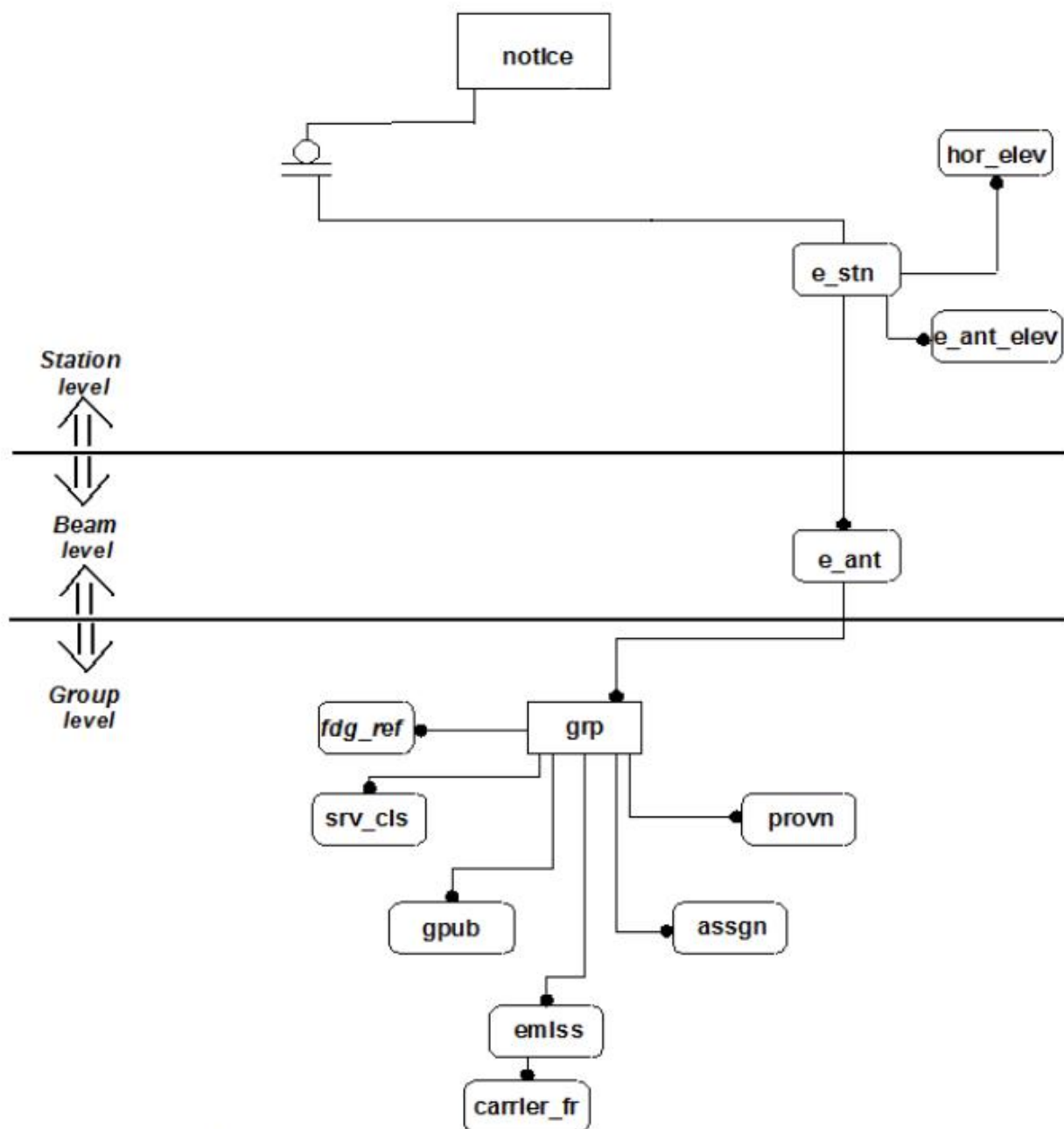
Annex 1: Entity relationship diagram



Annex 2: Entity relationship diagram showing sets



Annex 3: Appendix 4/II - Tables and levels



Explanation of the symbols:

Independent Entity



Identifying Relationship



Complete Subcategory



Entity name in italics indicates reference / BR data

Dependent Entity



Non-identifying Relationship



Subcategory Connector



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).**

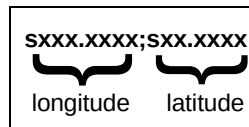
4.1 General

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≤i≤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≤i≤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 ≤ i ≤ 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	The service area number. 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.). 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. The maximum allowed value for this parameter is 99.
n_rgn	int	2	Yes	The number of service regions forming the service area. The maximum allowed value for this parameter is 500.
n_exrgn	int	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 100.

4.4.2 The [SRi] 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 **[SRi]**, where i is the index of the service region ($1 \leq i \leq n\_rgn$). The order in which the service regions are numbered is irrelevant, but the number of **[SRi]** sections must match the value of **n_rgn** in the [SAHeader] section.

Section Name:	[SRi]			
Purpose:	This section describes the i th service region (1≤i≤n_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 nth 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 ≤ n ≤ n_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_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).

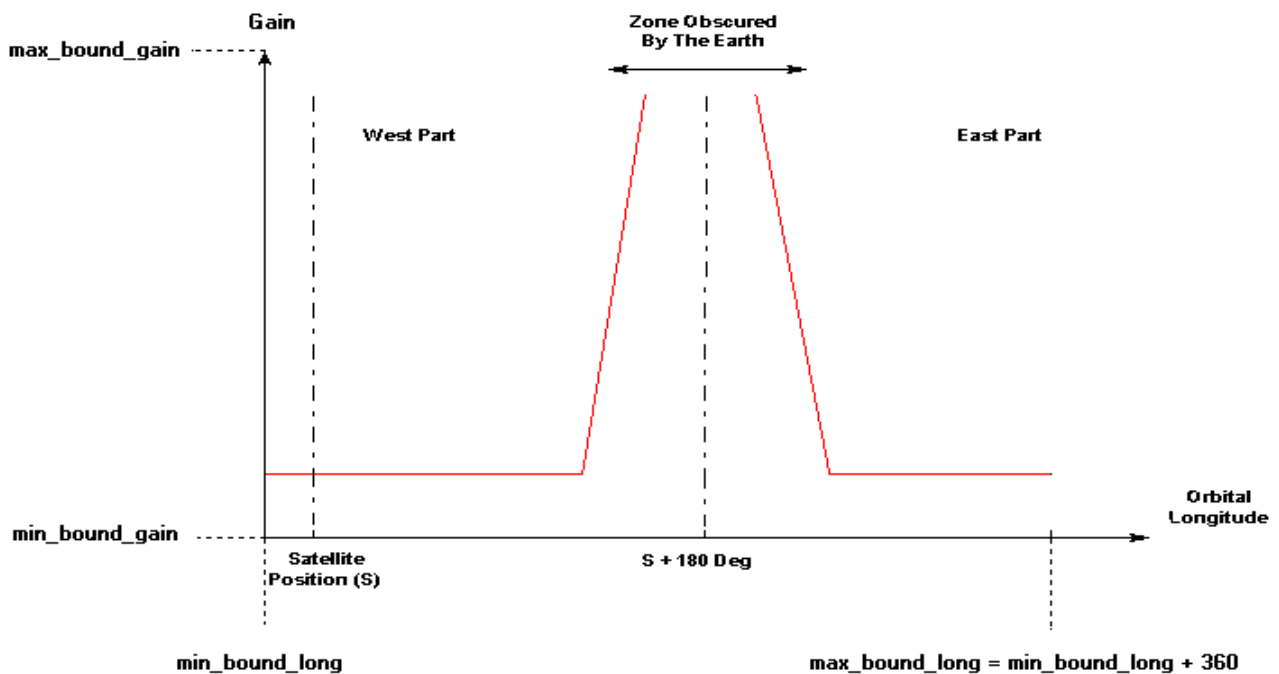


Figure 5

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	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) B , for request under Articles 2A and 4 of AP30/30A P , for request under Articles 6 and 7 of AP30B.
min_bound_gain	real	6	Yes	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.
max_bound_gain	real	6	Yes	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.
min_bound_long	real	9	Yes	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.

max_bound_long	real	9	Yes	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.

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 ≤ n ≤ 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 ≤ n ≤ 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	The type of non-geostationary diagram. This entry can be set to one of the following values: <table><tr><th>Code</th><th>Diagram</th><th>AP4 Item</th></tr><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></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	The number of the diagram. 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. 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. The maximum allowed value for this field is 99.																								
seq_no	int	2	Yes	The sequence number of a picture representing the diagram (starting from 1). To be used when more than one picture are making up a diagram. Its value shall be ignored if the [NGeoSADiag] section follows.																								

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/4QBoRXhpZgAASUqkAAgAAAAEABoBBQABAAAAAPgAAABsBBQAB
AAAAARgAAACgBAwABAAAAAAwAAADEBAGARAAAAATgAAAAAAAABezQEA6AMAAAF7NAQDoAwAAUGFpbnQu
TkVUIHYzLjUuNQD//9sAQwAGBAUGBQGBGUGBwcGCAoQCgoJCQoUDg8MEBcUGBgXFBYWGh0IHxob
IxwWFiAsICMmJykqKRkfLTAtKDAIKCko/9sAQwEHBwcKCAoTCgoTKBoWGigoKCgoKCgoKCgoKCgo
KCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgoKCgo/8AAEQgAHwAwAwEiAAIRAQMRAf/E
AB8AAAEFAQEBAQEBAIAAAABAAgMEBQYHCAkKC//EALUQAAIBAwMCBAMFBQQEAAABfQECAwAE
EQU SITFBbBNRYQcicRQygZGhCCNCscEVUtHwJDNicoIJChYXGBkaJSYnKCkqNDU2Nzg5OkNERUZH
SElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeLiYqSk5SVlpeYmZqio6Slpqueoqaqys7S1
tre4ubrCw8TFxsflycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBA
AQEAAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXET
IjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSINUVVZXXWFla
Y2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXG
x8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8AuPFyaieOtWZASflw
az9SE0dlcPaosk6xs0aNNdnjHHvX0F9LnkJFNo6iaKuL0L4miC+FtrWiRXCu4BIWd4jGDj6ggf7
ufevQ5Ilyb4QfLPIBIJA+o6/WueGIjN2Np0ZQV2ZTxVEYgc5q/gOMgHHY+tRSJWl09jO1jq3j5NQ
SR1t6hbLbsCBjOeKi32s8KxsCJf72OIzupcapvY8M+Knhu3sSNWtisazPtmQt1Y5ORn8eKwPCPj
jUPDuyA4vNMB5t5D90d9jfw9+ORz0r17xj4M0zWbwS3dzdiRU2KI2G38iDj8K4o/Cy2a3w+pSLP0
ykQ2e3Gc9PeuCrTlKTlBaHbTqRjG02b0vxH8KaivmR/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 [SRi] sections

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

Section Name:	[SRi]			
Purpose:	This section describes the i th service region (1≤i≤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 nth 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.

5.3.4 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)
PLW	Palau (Republic of)
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)

SECTION IV - Table 1A: Codes designating Notifying Administrations

Code	Name of the administration (ITU Member State)
SRL	Sierra Leone
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 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/YYY (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	XZX	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.
XZX			Administrative status of this geographic area is under dispute.
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
EUROPEAN UNION	D	UE	Notifying Administration acting on behalf of: AUT, CZE, EST, D, F, FIN, HNG, HOL, HRV, SVK
EUROPEAN UNION	F	UE	Notifying Administration acting on behalf of: AUT, CZE, EST, D, F, FIN, HNG, HOL, HRV, SVK
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

SECTION IV - Table 2: Intergovernmental satellite organizations

Intergovernmental Satellite organization	Country symbol of notifying ADM	Symbol	REM
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
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	
SOUTHERN AFRICA COMMUNITY SATELLITE	AGL	SCS	Notifying Administration acting on behalf of: AFS, AGL, BOT, COD, COM, LSO, MAU, MDG, MOZ, MWI, NMB, SEY, SWZ, TZA, ZMB, ZWE

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
UR	Space telemetering mobile earth station
US	Maritime earth station in motion
UT	Mobile earth station in the space operation service
UU	Land earth station in motion
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: $\pm 30^\circ$ 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° 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°
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
AUS	43	Cluster of 6 arrays of 256 log-periodic antennas	Effective area per cluster is 4678 m ² . All azimuths. Elevation is between 0° and 90°
AUS	44	Cluster of 225 arrays of 256 log-periodic antennas	Total effective area is 175440 m ² . All azimuths. Elevation is between 0° and 90°
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

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	12	25.6 metres diameter paraboloid	515 square metres; full sky
CAN	13	1.8 metres diameter paraboloid	2.5 metres; polar mount; coverage from 60° to 300° in azimuth and from 0° to 90° in elevation
CAN	16	Two 8.5 metres diameter parabolic reflectors separated by up to 1 kilometre, arranged as a supersynthesis interferometer	2 x 57 square metres; full sky
CHN	6	2.5 metres diameter paraboloid	3 square metres; full sky
CHN	11	16 + 12 paraboloids, 9 metres in diameter each	38 square metres; full sky
CHN	12	6 metres diameter paraboloid	17 square metres; full sky
CHN	13	Typical Cassegrain antenna, 13.7 metres in diameter	100 square meters. Azimuth-elevation mount, azimuth from 0° to 360°; the angle of elevation is between 10° and 90°
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°

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	2	Parabolic dish 20 m diameter	314 square meters for frequencies up to 40 GHz; Maximum gain of 63 dB at 8.5 GHz; Azimuth: 0 - 360°; Elevation: 0 - 90° Frequency ranges of the installed receivers: 2.2 – 2.5 GHz; 8.0 GHz – 9.5 GHz
D	3	Parabolic dish 13.2 m diameter	136 square meters for frequencies up to 100 GHz; Maximum gain of 63 dB at 8.5 GHz; Azimuth: 0 - 360°; Elevation: 0 - 115° Frequency ranges of the installed receivers: 2.0 – 3.0 GHz; 6.0 GHz – 10.5 GHz; 27 – 34 GHz
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°

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	5	7 metres diameter paraboloid	25 square metres; coverage from 260° to 100° in azimuth and from 0° to 110° in elevation
F	6	Network of 16 paraboloids, 5 metres in diameter, distributed over 1.5 kilometres, East to West	120 square metres; azimuth: 360°; the angle of elevation is between 0° and 110°
F	9	40 x 200 metres semi-directional radiotelescope	5000 square metres; hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	10	40 x 200 metres semi-directional radiotelescope	3000 square metres; hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	12	40 x 200 metres semi-directional radiotelescope	1000 square metres, hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	13	40 x 200 metres radiotelescope	150 square metres; hour angle: 1 hour; the angle of elevation is between 0° and 120°
F	14	Network of 8 paraboloids, 10 m in diameter, distributed over 800 m, North to South	500 square metres; azimuth: 360°; the angle of elevation is between 0° and 110°
F	15	Network of 16 paraboloids, 5 m in diameter, distributed over 1.5 km, East to West	250 square metres; azimuth: 360°; the angle of elevation is between 0° and 110°
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 diameter radome covered steerable paraboloid	80 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
FIN	2	Crossed log-periodic dipole array	0,7 square meters; full sky
FIN	3	Crossed dipone antenna	15 square meters; omnidirectional
FIN	4	Four paraboloid dishes	60 square meters; full sky
G	7	Dipole interferometer	100 square metres; full sky
G	8	Three 18.3 metres steerable paraboloids as interferometer	2 000 000 square metres; full sky
G	9	25 metres steerable parabolic reflector	300 square metres; full sky
G	10	Two 25 metres diameter steerable paraboloids	250 square metres; full sky
G	11	1.8 metres diameter front fed steerable paraboloid	0.83 square metre; full sky
G	16	One Mark I 76 metres diameter steerable paraboloid and one Mark II 38 x 25.9 metres steerable paraboloid. The two antennas may be used either separately or together as an interferometer. The Mark I antenna may be used as interferometer with the antenna at Wardle	3000 square metres; full sky
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

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Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
G	36	1.2 metres diameter front fed paraboloid, equatorially mounted	0.56 square metre; full sky
G	37	0.5 metre diameter dual beam front fed paraboloid, equatorially mounted	0.1 square metre; full sky
G	53	25 metres steerable parabolic reflector	200 square metres; full sky
GRC	2	2.5 metres diameter steerable paraboloid	2.5 square metres; the azimuth is between 71° and 289° and the angle of elevation between 0° and 74° (sun-oriented antenna)
HOL	69	10 metres diameter steerable paraboloid	40 square metres; full sky
HOL	70	25 metres diameter steerable paraboloid	600 square metres; full sky
HOL	71	7.5 metres diameter steerable paraboloid	25 square metres; full sky
HOL	72	Array of 14 parabolic reflectors each of 25 metres diameter. The reflectors are dispersed along an East-West configuration with variable spacing with a maximum distance of 3 kilometres	500 square metres per reflector, angular coverage: full sky
HOL	73	24 x LB antenna array 96 crossed dipoles @ 1.7 meter high	5200 square metres; all azimuths; the angle of elevation is between 5° and 90°
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 ± 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 ± 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 ± 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 ± 270 degrees from South

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
IND	1	32 paraboloids, 1.8 metres in diameter	32 x 1 square metre; full sky
IND	4	Parabolic cylinder, 530 x 30 metres, with an array of 968 dipoles along its focal line	9500 square metres; coverage from 0° to 180° in azimuth and from 5° to 90° in elevation
IRL	1	Schwartzbeck Bicone antenna, Mounted on a 0-360 Az mount on a 3m mast	Min elevation angle – 0 deg, Max elevation angle – 90 deg, Azimuth angle – 360 deg
IRL	2	Tennadyne T-28 Log periodic array, Mounted on a 0-360/0-90 Az-El mount on a 3m mast	Min elevation angle – 0 deg, Max elevation angle – 90 deg, Azimuth angle – 360 deg
IRL	3	LB antenna array 96 crossed dipoles @ 1.7 meter high	5200 square metres; all azimuths; the angle of elevation is between 5° and 90°
IRL	4	HB antenna array 48 tiles with 16 crossed dipoles @ 0.6 meter high	1200 square metres; all azimuths; the angle of elevation is between 5° and 90°
J	1	24 metres spherical reflector	267 square metres; azimuth 180° or 360°; the angle of elevation is between 40° to 90°
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

SECTION IV - Table 6: Radio astronomy station antenna characteristics

Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
KOR	1	Type: parabola with Cassegrain geometry Diameter: 13.7 metres Effective area: 50% of 147.41138 square metres at 90 GHz Diameter of radome: 20.7 metres	Limits of angular coverage: elevation 10° - 87°; azimuth 0° - 360°
LVA	1	Diameter of the primary reflector is 30 m and the diameter of the secondary reflector is 2.5 m.	563 square meters. Azimuth-Elevation mount, azimuth is from -1° to +97.5°, the angle of elevation is between -330° and 0°
LVA	2	Diameter of the primary reflector is 16 m and the diameter of the secondary reflector is 1.5 m.	140 square meters. Azimuth-Elevation mount, azimuth is from -1° to +97.5°, the angle of elevation is between -330° and 0°
MEX	1	Parabolic radio telescope with single aperture, a 50 m diameter primary reflecting surface and a 2.5 m diameter secondary mirror. The primary reflector comprises 180 panels 3 × 5 m ² arranged in five concentric rings, with each panel composed of eight sub-panels.	Effective area 2 000 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° - 340°, EL: 20° - 85°
NOR	1	7.6 metres diameter paraboloid	28 square metres; full sky
NOR	2	Three mattress antennas on an East-West baseline; each antenna is composed of 16 half-wave dipoles	3 x 18 square metres; fixed azimuth; the angle of elevation is between 0° and 90°
NOR	5	9.1 metres diameter paraboloid	40 square metres; full sky
POL	1	Two cylindrical paraboloids 4 x 8 metres with folded dipole at the focus, 24 metres East-West spacing	18 square metres; coverage from 120° to 240° in azimuth and from 10° to 70° in elevation
POL	2	Two corner reflectors 6 x 6 x 80 metres with eight (?) dipoles, 1400 metres East-West spacing	800 square metres; coverage from 160° to 200° in azimuth and from 10° to 80° in elevation
POL	3	Two log-periodic aerials, 20 metres East-West spacing	0.7 square metre; coverage from 120° to 240° in azimuth and from 10° to 70° in elevation
POL	4	Two corner reflectors with eight wideband dipoles, 220 metres East-West spacing	80 square metres; coverage from 170° to 190° in azimuth and from 20° to 80° in elevation
POR	1	Paraboloid reflector, Cassegrain reflecting system; dimension: 9m	38 m ²
RUS	6	Radiotelescope "RATAN-600": Ring-type reflector 600 metres in diameter, consisting of 985 partly steerable elements 1.94 x 7.4 metres Four sections with independent feeds for different azimuth observations. Zenith observation mode is provided for all-ring reflector and central feed. S-section has the plane periscope Sky coverage: 0°, ±30°, ±60°, ±90° - azimuth, 0° - 90° - elevation	1000 square metres each section Polarization of all types

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	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° S - 60° N - elevation
RUS	8	Radiotelescope "RT-22": 22 metres steerable paraboloid Azimuth mount	120 square metres @ 8 mm
RUS	9	Radiotelescope "UTR-2": T-shaped phased array Arm EW 900 metres x 40 metres, 600 dipoles Arm NS 1860 metres x 40 metres, 1440 dipoles Five electrically steerable beams	6000 square metres @ 12.5 metres 16 000 square metres @ 30 metres Can be operated in the band 9 000 kHz - 38 MHz Linear horizontal polarization
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

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

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Code	Nr	Antenna type and dimensions	Effective area and angular coverage in azimuth and elevation
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°
USA	17	42.7 metres diameter paraboloid	752.5 square metres; hour angle: ± 6 hours; +88° to -48° declination
USA	18	91.4 metres diameter paraboloid	2694 square metres; transit telescope; +86° to -20° declination
USA	20	18.3 metres diameter paraboloid	150 square metres; equatorial mount; hour angle: ± 6 hours; +90° to -50° declination
USA	21	3 metres diameter directive parabolic reflector	4.37 square metres; full sky
USA	22	25.6 metres diameter parabolic reflector	275 square metres; full sky
USA	23	25.9 metres diameter parabolic reflector	280 square metres; full sky
USA	24	25.9 metres diameter parabolic reflector	210 square metres; full sky
USA	25	Parabolic cylinder 122 x 122 metres	7500 square metres; transit telescope; the angle of elevation is between 60° and 90°
USA	26	26 metres diameter paraboloid	180 square metres; full sky
USA	32	18.3 metres diameter paraboloid	148.6 square metres; full sky
USA	33	Broadband dipoles over reflecting screen 5 x 5 metres	20 square metres; azimuth coverage $\pm 45^\circ$ from South; the angle of elevation is between 0° and 90°
USA	34	12.8 metres diameter paraboloid	128.7 square metres; azimuth coverage $\pm 41^\circ$; +66° 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° 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°

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

* 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.	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. 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.
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.	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. When the symbol XAA appears after this remark, it indicates a coordination or agreement on a worldwide basis.
Z/9.7 Z/9.12 Z/9.12A Z/9.13	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.

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	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. 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.
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.	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. 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.
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.	In accordance with the provision of the Radio Regulations indicated in this remark, coordination or agreement was required, however, the coordination was not initiated. 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.
Z/RR1060 Z/RS46#2.1 Z/RS46#2.2	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.
V/RR1060	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.
RR1544	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.

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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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
AP30B#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
AP30B#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
AP30B#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
AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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
AP30B#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
AP30B#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
AP30B#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
AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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 / AP30B#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
AP30B#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
AP30B#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
AP30B#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
AP30B#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

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

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

AFG	Afghanistan

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

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
 TELEFAX: +27 11 444 1919
 PHONE: +27 11 566 3000
 TELEX: 095 357793 = RADIO

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

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

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

003 DEPARTMENT OF DEFENCE
005 SOUTH AFRICAN RAILWAYS AND HARBOURS
007 GEOLOGICAL SURVEY DEPARTMENT
009 SOUTH AFRICAN POLICE
011 EMBASSY OF SWITZERLAND IN PRETORIA
013 BOPHUTHATSWANA
015 S.A.N.F.
017 DEPARTMENT OF NATIVE AFFAIRS
021 SWAZILAND ADMINISTRATION
023 ADMIRALTY, LONDON
025 EMBASSY OF HUNGARY IN PRETORIA

027 DRAGONFLY AEROSPACE

002 DEPARTMENT OF TRANSPORT, DIVISION OF
CIVIL AVIATION
004 SOUTH AFRICAN BROADCASTING CORPORATION
006 PRIVATE
008 GEOPHYSICAL RESEARCH
010 NAMIBIAN ADMINISTRATION
012 FIRE FIGHTING
014 RED CROSS ORGANIZATION
016 BOTSWANA POLICE
019 BOTSWANA ADMINISTRATION
022 UNITED KINGDOM GOVERNMENT
024 OSTERREICHISCHE BOTSCHAFT
026 DEPARTMENT OF SCIENCE AND TECHNOLOGY
OF THE REPUBLIC OF SOUTH AFRICA

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
TELEX: 0991 2134 COMANG AN
PHONE: +244 222 338 352
TELEFAX: +244 222 339 356

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

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

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

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

B TURK TELEKOMUNIKASYON A.S.
SATELLITE COMMUNICATIONS DEPARTMENT
ZIRAAT MAHALLESİ
TURGUT OZAL BULVARI
06103 ANKARA / TURQUIE
TELEFAX: +90 312 2213226
TELEX: 060744371 TGM TR

001 MINISTERE DES COMMUNICATIONS,
DIRECTION GENERALES DES P.T.T.,
SECTION DES TELECOMMUNICATIONS, TIRANE
003 AGENCE PRESSE
005 DIRECTION GENERALE DE RADIOTELEVISION,
TIRANE

002 AVIATION NATIONALE

004 EMBASSY OF THE REPUBLIC OF TURKEY

ALG	Algeria

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
005 METEOROLOGIE NATIONALE
008 ADMINISTRATION DE LA RADIODIFFUSION
TELEVISION ALGERIENNE
016 SERVICE DES PHARES ET BALISES
025 PORT DE MOSTAGANEM
028 PORT D'ORAN
036 DIRECTION DES TRANSMISSIONS NATIONALES
- S.T.I.
044 AGENCE SPATIALE ALGERIENNE

004 AVIATION CIVILE
006 DIRECTION DES TRANSMISSIONS NATIONALES
010 ADMINISTRATION DES POSTES ET
TELECOMMUNICATIONS
024 PORT DE BEJAIA
027 PORT DE SKIKDA
029 PORT D'ALGERIE
037 RESEAUX SOUS CONTROLE P.T.T.

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
003 DEPARTMENT OF COMMERCE
005 HUGHES COMMUNICATIONS GALAXY, INC.

002 U.S. GOVERNMENT
004 RCA ALASKA COMMUNICATIONS 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)		
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		

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

AOE	Western Sahara		

A AGENCE NATIONALE DE REGLEMENTATION DES
 TELECOMMUNICATIONS (ANRT)
 Centre d'affaires, Bd. Ar-Riad, Hay Riad. BP 2939
 RABAT 10100
 PHONE: +212 537 718 400
 TELEFAX: +212 537 203 862

019 KRUPP GMBH

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

ARG	Argentina

A ENTE NACIONAL DE COMUNICACIONES (ENACOM)
DIRECCIÓN NACIONAL DE INGENIERÍA DEL ESPECTRO RADIOELÉCTRICO Y SERVICIOS TIC
PERU 103, PISO 17
BUENOS AIRES (C1067AAC)
ARGENTINA
PHONE: +5411 4347 9911
EMAIL: serviciosespaciales@enacom.gob.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)
015	UNIVERSIDAD TECNOLÓGICA NACIONAL (UTN)	016	UNIVERSIDAD NACIONAL DE LA PLATA (UNLP)
017	UNIVERSIDAD NACIONAL DE SAN MARTÍN (UNSAM)		

ARM	Armenia

A MINISTRY OF TRANSPORT AND COMMUNICATIONS OF THE
REPUBLIC OF ARMENIA
REPUBLIC CENTRE OF TELECOMMUNICATIONS
STATE NON-COMMERCIAL ORGANIZATION
29, TBILISYAN HIGHWAY
375091 YEREVAN
REPUBLIC OF ARMENIA
TELEFAX: +37410 28 86 83
TELEX: 064243311 OPSU
PHONE: +37410 28 87 17
EMAIL: rct@web.am

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

A COMMUNICATIONS AND INFORMATION TECHNOLOGY
COMMISSION (CITC)
P.O. BOX 75606
RIYAD 11588
EMAIL: smalik@citc.gov.sa
PHONE: +966 1 461 8003
TELEFAX: +966 1 461 8002
TELEX: 0495 401220 PTT SJ

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

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

ARS	Saudi Arabia

E GENERAL DIRECTORATE OF BROADCASTING, PRESS
AND PUBLICATIONS,
JEDDA

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
003 SAUDI-ARABIAN AIR LINES (S.A.A.)
005 UNITED NATIONS
007 MET. DEPT.
009 ARABIAN OIL CO. (JAPAN)
011 SAUDI ROAD-CONSULTING ENGINEERS, RIYADH
013 EMBASSY OF THE STATE OF KUWAIT
015 MINISTRY OF INFORMATION, RIYADH

017 PRIVATE SECTOR

019 KING SAUD UNIVERSITY (KSU)

002 TAPLINE
004 P.T.T.
006 GETTY OIL CO.
008 GOVERNMENT
010 SWEDISH GOVERNMENT
012 CIVIL AVIATION DEPT.
014 DANISH GOVERNMENT
016 ARAB SATELLITE COMMUNICATIONS
ORGANIZATION
018 KING ABDULAZIZ CITY FOR SCIENCE AND
TECHNOLOGY (KACST)
020 OQ TECHNOLOGY

ASC	Ascension Island

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

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

C INTERNATIONAL FREQUENCY COORDINATION
SPACE SERVICES UNIT
OFCOM
2A SOUTHWARK BRIDGE ROAD
LONDON SE1 9HA
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
003 VOLCANO RADIO
005 UNITED STATES GOVERNMENT

002 BBC
004 UNITED KINGDOM GOVERNMENT
006 DEUTSCHES GEODATISCHES
FORSCHUNGSINSTITUT

ATA	Antarctic

A THE POSTMASTER GENERAL
DEPARTMENT OF POSTS AND TELECOMMUNICATIONS
PRIVATE BAG X860
PRETORIA 0001
TELEX: 095 357793 = RADIO

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

ATA	Antarctic
B	COMISION NACIONAL DE COMUNICACIONES GERENCIA DE RELACIONES INTERNACIONALES E INSTITUCIONALES 1067 BUENOS AIRES TELEFAX: +54 11 43479546
C	ASSISTANT SECRETARY TRANSMISSION POLICY AND SPECTRUM PLANNING BRANCH DEPARTMENT OF TRANSPORT AND COMMUNICATIONS GPO BOX 594 CANBERRA A.C.T. 2601 TELEX: SECCOM AA62025A
D	MINISTERE DES COMMUNICATIONS ET DE L'INFRASTRUCTURE SERVICE REGLEMENTATION RADIO GESTION DE FREQUENCES, BUREAU TR5/GF RUE DES PALAIS, 42 B-1210 BRUXELLES TELEX: 046 29154 GENTL B
E	SUBSECRETARIA DE TELECOMUNICACIONES MINISTERIO DE TRANSPORTES Y TELECOMUNICACIONES AMUNATEGUI 139 SANTIAGO DE CHILE TELEX: 034341156 SUBTEL CK
F	MONSIEUR LE DIRECTEUR GENERAL AGENCE NATIONALE DES FREQUENCES 78, AVENUE DU GENERAL DE GAULLE - BP400 94704 MAISONS ALFORT CEDEX FRANCE EMAIL: earthcoord@anfr.fr (Stations terriennes) EMAIL: satcoord@anfr.fr (Services 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)
G	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
H	THE DIRECTOR GENERAL OF TELECOMMUNICATIONS BUREAU MINISTRY OF POSTS AND TELECOMMUNICATIONS 3-2, KASUMIGASEKI 1-CHOME CHIYODA-KU TOKYO 100-90 TELEX: 072 J29100
I	THE DIRECTOR-GENERAL RADIO AND BROADCASTING BUREAU MINISTRY OF INFORMATION & COMMUNICATIONS 100, SEJONG-RO, CHONGRO-GU SEOUL 110-777 / REPUBLIC OF KOREA TELEX: 0801 OFIRAD K24972
J	RADIO FREQUENCY SERVICE MINISTRY OF COMMERCE 33 BOWEN STREET P.O. BOX 1473 WELLINGTON / NOUVELLE ZELANDE TELEFAX: +64 4 499 0797 TELEX: 007431530 tradint nz

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

ATA	Antarctic			
K	MINISTRY OF POSTS AND TELECOMMUNICATIONS OF THE RUSSIAN FEDERATION DEPARTMENT FOR INTERNATIONAL RELATIONS 7, TVERSKAYA STREET 103375 MOSKVA, K-375 TELEFAX: +7 095 2003230			
L	DEPARTMENT OF STATE, WASHINGTON D.C. 20520			
M	MINISTRY OF POSTS AND TELECOMMUNICATIONS 22, KRECHTCHATIK 252001 KIEV UKRAINE TELEFAX: +380 44 228 6141 TELEX: 0680 13 1112 UKTEL			
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	METERELOGIE (F)	
ATG	Antigua and Barbuda			
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			

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

AUS	Australia		
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
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
041	GILMOUR SPACE TECHNOLOGIES	042	BUREAU OF METEOROLOGY

AUT	Austria		

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
TELSİZ GENEL MÜDÜRLÜĞÜ (TGM)
06510 EMEK - ANKARA
TURKEY
TELEFAX: +90 312 2213226
TELEX: 060744371 TGM TR

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

012 EMBASSY OF THE REPUBLIC OF TURKEY, WIEN
014 ADMINISTRATION DES P.T.T. BERNE, SUISSE

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

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

016 AUSTRIAN AIRLINES, WIEN

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

AUT	Austria			
017	BUNDESMINISTERIUM FUR INNERES (BUNDESGENDARMERIE), WIEN	019	BUNDESMINISTERIUM FUR INNERES (BUNDESPOLIZEI), WIEN	
020	BUNDESMINISTERIUM FUR 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	
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	LANDESFEUERWEHR KDO BURGENLAND	
042	LANDESFEUERWEHRVERBAND 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	
052	TU WIEN SPACE TEAM	053	TEAM TUMBLEWEED COMMERCIALIZATION GMBH	
AZE	Azerbaijan			
A	THE MINISTRY OF DIGITAL DEVELOPMENT AND TRANSPORT OF THE REPUBLIC OF AZERBAIJAN 77, ZARIFA ALIYEVA STR. BAKU, AZERBAIJAN AZ1000 TELEFAX: +994 12 598 68 68 EMAIL: office@mincom.gov.az PHONE: +994 12 598 58 58			
001	MINISTRY OF COMMUNICATIONS			
AZR	Azores			
A	AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM) RUA RAMALHO ORTIGÃO, 51 1099-099 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)

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		
001	MINISTERE DE LA MARINE	002	MINISTERIO DA GUERRA
003	SUERDIECK S.A.	004	ERNANI PAIVA
005	CIA NACIONAL DE CIMENTO PORTLAND	006	S.A. MINERACAO DA TRINDADE
007	MINERACAO SERTANEJA S.A.	008	DIRETORIA DE ROTAS AEREAS
009	RAPIDO NOROESTE LTDA	010	EXPRESSO BRAGA LTDA
011	EXPRESSO ARACATUBA LTDA	012	VIACAO JAUENSE LTDA
013	EMPRESA DE TRANSPORTES "ATLAS" LTDA	014	TRANSPORTADORA AURORA LTDA
015	VIACAO ITAPEMIRIM S.A.	016	BRASILIA IMPREIAL TURISMO E TRANSPORTES LTDA
017	EMPRESA VIACAO SAO GERALDO LTDA	018	EXPRESSO PRINCESA DOS CAMPOS S.A.
019	BOSCA S.A. TRANSPORTE COMERCIO E REPRESENTACOES	020	RODOVIARIO CACULA LTDA
021	EMPRESA DE TRANSPORTE ANDORINHA S.A.	022	VIACAO AGUIA BRANCA LTDA
023	ALEXANDRE REZENDE E CIA LTDA	024	EMPRESA VIACAO BONFIM LTDA
025	AUTO VIACAO PROGRESSO S.A.	026	EXPRESSO MARINGA S.A.
027	VIACAO SAO JORGE IMPORTADORA LTDA.	028	ABILIO PINTO GONTIJO
029	RAPIDO PINHAL S.A.	030	VIACAO MOTTA LTDA
031	EMPRESA DE TRANSPORTE BRASIL LTDA	032	JOSE ALVES PEREIRA E CIA LTDA
033	TRANSPORTADORA SULINA LTDA	034	TURISMO MAGELI LTDA
035	UNICA ONIBUS S.A.	036	VASP (VP)
037	CRUZEIRO (SC)	038	VARIG (RG)
039	CENTRO	040	TASA (XL)
041	GOV. DO EST. DE PERNAMBUCO	042	QD
043	EMBRATEL EMPRESA BRASILEIRA DE TELECOMUNICACOES	044	TELECOMUNICACOES BRASILEIRAS S.A. TELEBRAS
045	IRIDIUM SUDAMERICA BRASIL LTDA	046	INSTITUTO NACIONAL DE PESQUISA ESPACIAL - INPE
047	MINISTÉRIO DA DEFESA	048	HISPAMAR SATÉLITES S.A.
049	LORAL SKYNET DO BRASIL	050	AGENCIA NACIONAL DE TELECOMUNICACOES - S
051	HNS AMERICAS COMUNICACOES LTDA	052	SES DTH DO BRASIL
053	AGENCIA ESPACIAL BRASILEIRA (AEB)	054	YAH TELECOMUNICACOES LTDA
055	EUTELSAT DO BRASIL LTDA	056	VISIONA TECNOLOGIA ESPACIAL S.A.
057	TELESAT BRASIL CAPACIDADE DE SATELITES LTDA	058	ECHOSTAR 45 TELECOMUNICACOES LTDA
059	INSTITUTO TECNOLÓGICO DE AERONAUTICA (ITA)	060	UNIVERSIDADE FEDERAL DE SANTA CATARINA (UFSC)
061	O3B HORTOLANDIA EARTH STATION	062	UNIVERSIDADE DE BRASILIA (UNB)
063	PION LABS ENGENHARIA LTDA	064	CCISE - COMISSAO DE COORDENACAO E IMPLANTACAO DE SISTEMAS ESPACIAIS
065	INSTITUTO SENAI DE INOVACAO EM SISTEMAS EMBARCADOS	066	ALYA NANOSATELITES
067	ALL2SPACE - ALL TO SPACE NEGÓCIOS ESPACIAIS	068	COMAE - COMANDO DE OPERAÇÕES AEROESPACIAIS
069	SENAI CIMATEC		
BAH	Bahamas		

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

BAH	Bahamas			
001	BAHAMAS TELECOMMUNICATIONS CORPORATION	002	MINISTRY OF WORKS AND UTILITIES,	
	P.O. BOX 48 , NASSAU, BAHAMAS		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)	

BDI	Burundi			

A AGENCE DE REGULATION ET DE
CONTROLE DES TELECOMMUNICATIONS (ARCT)
14 AVENUE DE LA FRANCE,
QUARTIER ROHERO I
BP 6702
BUJUMBURA-BURUNDI

TELEFAX: +257 22 242832
PHONE: +257 22 255667;+257 22 210276
EMAIL: info@arct.gov.bi
URL: www.arct.gov.bi

001	OFFICE NATIONALE DES TÉLÉCOMMUNICATION (ONATEL)	002	RADIO ET TÉLÉVISION NATIONAL DU	
			BURUNDI (RTNB)	
003	SOCIÉTÉ DE LA TÉLÉVISION NUMÉRIQUE DU BURUNDI	004	AUTORITÉ DE L'AVIATION CIVILE	
005	AUTORITÉ MARITIME, PORTUAIRE ET FERROVIAIRE (AMPF)	006	OPERATEURS DE LA RADIODIFFUSION SONORE ET TÉLÉVISUELLE PRIVÉS	
007	ECONET-LEO	008	LACELL SU	
009	VIETTEL	010	FOURNISSEURS D'ACCÈS À L'INTERNET	
011	POLICE NATIONALE	012	MINISTÈRE DE LA DÉFENSE	
013	AGENCES ONUSIENNES	014	RÉSEAUX MOBILE PRIVÉ	
015	AMBASSADES			

BEL	Belgium			

A INSTITUTE BELGE DES SERVICES POSTAUX ET DES
TELECOMMUNICATIONS (IBPT)
SERVICE DE FREQUENCES
ELLIPE BUILDING BATIMENT C
BOULEVARD DU ROI ALBERT II 35
1030 BRUXELLES
TELEFAX: +32 2 2268882
TELEX: 046 29154 GENTL B

B TURK TELEKOMUNIKASYON A.S.
SATELLITE COMMUNICATIONS DEPARTMENT
ZIRAAT MAHALLESİ
TURGUT OZAL BULVARI
06103 ANKARA / TURQUIE
TELEFAX: +90 312 2213226
TELEX: 060744371 TGM TR

C FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC
FREQUENCY OFFICE
ARSENAL, OBJEKT 22, POB 79
A-1103 WIEN / AUSTRIA
TELEX: 131 800 MONI A

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	

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

BEL	Belgium			
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	BELGISCHE 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	
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	AEROSPACELAB	
BEN	Benin			
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			
A	THE REGULATORY AUTHORITY OF BERMUDA ELECTRONIC COMMUNICATIONS 1ST FLOOR CRAIG APPIN HOUSE 8 WESLEY STREET HAMILTON HM11 BERMUDA EMAIL: info@ra.bm PHONE: +441 405 6000			

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

BER	Bermuda		
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
004	BERMUDA BROADCASTING CO. LTD.	005	BERMUDA GOVT.
007	BERMUDA BOARD OF TRADE	008	DEPARTMENT OF MARINE AND PORT SERVICES

BES	Bonaire, St. Eustatius and Saba		
A	MINISTRY OF ECONOMIC AFFAIRS, AGRICULTURE AND INNOVATION RADIO COMMUNICATIONS AGENCY P.O. BOX 450 9700 AL GRONINGEN TELEFAX: +31 50 58 77 400 PHONE: +31 50 58 77 555 EMAIL: info@agentschaptelcom.nl		

BFA	Burkina Faso		
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		
001	MINISTERE DU DEVELOPMENT DE L'ECONOMIE NUMERIQUES ET DES POSTES	002	MINISTERE DE LA DEFENSE NATIONALE ET DES ANCIENS COMBATTANTS
003	MINISTERE DE LA SECURITE	004	MINISTERE DES AFFAIRES ETRANGERES, DE LA COOPERATION ET DES BURKINABE DE L'EXTERIEUR
005	MINISTERE DE LA COMMUNICATION ET DES RELATIONS AVEC LE PARLEMENT	006	MINISTERE DE L'ECONOMIE DES FINANCES ET DU DEVELOPPEMENT
007	CONSEIL SUPERIEUR DE LA COMMUNICATION (CSC)	008	AGENCE NATIONALE DE L'AVIATION CIVILE (ANAC)
009	AGENCE POUR LA SECURITE DE LA NAVIGATION AERIENNE (ASCENA)	010	AGENCE NATIONALE POUR LA PROMOTION DES TIC (ANPTIC)
011	INSTITUT GEOGRAPHIQUE DU BURKINA (IGB)	012	UNIVERSITE OUAGA 1 JOSEPH KI ZERBO
013	SOCIETE BURKINABE DE TELEDIFFUSION (SBT)	014	RADIO TELEVISION DU BURKINA (RTB)
015	SOCIETE NATIONALE D'ELECTRICITE DU BURKINA (SONABEL)	016	OFFICE NATIONALE DE L'EAU ET DE L'ASSAINISSEMENT (ONEA)
017	SOCIETE NATIONALE BURKINABE D'HYDROCARBURES (SONABHY)	018	CENTRALE D'ACHAT DES MEDICAMENTS ESSENTIELS GENERIQUES (CAMEG)
101	AMBASSADE DE FRANCE, OUAGADOUGOU	102	AMBASSADE DES ETATS-UNIS D'AMERIQUE, OUAGADOUGOU
103	AMBASSADE DE BELGIQUE A OUAGADOUGOU	104	AMBASSADE DU CANADA, OUAGADOUGOU
105	AMBASSADE DE COTE D'IVOIRE, OUAGADOUGOU	106	AMBASSADE DU NIGERIA, OUAGADOUGOU
107	AMBASSADE D'ALGERIE, OUAGADOUGOU	108	AMBASSADE D'ARABIE SAOUDITE, OUAGADOUGOU
109	BUREAU DE LA COOPERATION SUISSE, OUAGADOUGOU	151	CROIX ROUGE BUKINABE, OUAGADOUGOU
152	OMS OUAGADOUGOU	153	ACTION CONTRE LA FAIM (ACF) OUAGADOUGOU
154	HCR OUAGADOUGOU	155	PLAN INTERNATIONAL BURKINA OUAGADOUGOU

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

BFA	Burkina Faso		
156	BANQUE MONDIALE OUGADOUGOU	157	BANQUE CENTRALE DES ETATS D'AFRIQUE DE L'OUEST (BCEAO)
158	COMMISSION DE L'UNION ECONOMIQUE ET MONETAIRES OUEST AFRICAINE (UEMOA) OUGADOUGOU	201	ONATEL SA
202	ORANGE BURKINA SA	203	TELETEL FASO SA
204	SITARAIL	205	INTERNET PUISSANCE PLUS (IP PLUS)
206	SKYVISION	207	ALINK TELECOM
208	UNICOM SA	209	IPSYS
210	NEERWAY MULTIVISION	211	UNIVERSITE NORBERT ZONGO
BGD	Bangladesh		

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

BHR	Bahrain		
A	SPECTRUM DIRECTORATE TELECOMMUNICATIONS REGULATORY AUTHORITY P.O. BOX 10353 MANAMA KINGDOM OF BAHRAIN TELEFAX: +973 17 532125 EMAIL: hali@tra.org.bh EMAIL: stt@tra.org.bh EMAIL: Bhfocalpoint@mtt.gov.bh		
B	MINISTRY OF TRANSPORTATION AND TELECOMMUNICATIONS 10325 MANAMA KINGDOM OF BAHRAIN EMAIL: stt@tra.org.bh EMAIL: Bhfocalpoint@mtt.gov.bh TELEFAX: +973 17 321135		
C	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
001	UNITED KINGDOM GOVERNMENT	002	BAHRAIN TELECOMMUNICATIONS COMPANY
003	BAHRAIN STATE ELECTRICITY DEPARTMENT	005	AERADIO TECHNICAL SERVICES LTD.
006	AIRCRAFT SERVICES (GULF) LTD.	007	MIDDLE EAST NAVIGATION AIDS SERVICES
008	BAHRAIN GOVERNMENT	010	YUSUF BIN AHMED KANOO (SHIPPING AGENCY)

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

BHR	Bahrain

013	BAHRAIN STATE POLICE	015	BAHRAIN PETROLEUM CO. LTD.
016	BRITISH AIRWAYS	017	CIVIL AVIATION DIRECTORATE
018	GULF AIR	021	BROWN AND ROOT S.A.
023	AWAL CONTRACTING AND TRADING CO.	024	BP ARABIAN AGENCIES (BAHRAIN)
025	MINISTRY OF INFORMATION	026	EMBASSY OF PAKISTAN, MANAMA
029	FRENCH EMBASSY, BAHRAIN	030	AUSTRALIAN CONSULATE
031	EMBASSY OF JORDON, BAHRAIN	033	INDIAN EMBASSY, BAHRAIN
034	NATIONAL SPACE SCIENCE AGENCY (NSSA)		

BIH	Bosnia and Herzegovina

A	COMMUNICATIONS REGULATORY AGENCY (RAK) MEHMEDA SPAHE 1 71 000 SARAJEVO BOSNIA AND HERZEGOVINA TELEFAX: +387 33 713 080 EMAIL: info@rak.ba PHONE: +387 33 250 600		
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)

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).

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

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

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
003 GEOINFORMATION SYSTEMS

002 INTERSPUTNIK
004 MINISTRY OF COMMUNICATIONS AND
INFORMATIZATION OF THE REPUBLIC OF
BELARUS

005 BELINTERSAT

BLZ	Belize

A PUBLIC UTILITIES COMMISSION
2ND FLOOR, MARINA TOWERS
NEW TOWN BARRACKS
P.O. BOX 300
BELIZE CITY
BELIZE
PHONE: +501 223 4938
EMAIL: telecom@puc.bz

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

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

BOL	Bolivia

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

002 LAB
004 FRIG. ANDES
006 FRIG. SUAREZ
008 WEST COAST OF AMERICA TELEGRAPH CO.
LTD.
010 ALL AMERICA CABLES AND RADIO

012 SERVAL

014 CORPORACION MINERA DE BOLIVIA
016 MINISTERIO DE DEFENSA NACIONAL
018 MINISTERIO DE AGRICULTURA Y
METEOROLOGIA

020 DIRECCION GENERAL DEL D.I.C.
022 DIRECCION GENERAL DE TRANSITO
024 SERVICIO NACIONAL DE CAMINOS
026 CORPORACION BOLIVIANA DE FOMENTO
028 ADUANA DE LA COCA

030 COMISION MIXTA BOL-ARG. DE
FERROCARRILES

032 BANCO NACIONAL
034 INSTITUTO GEOGRAFICO MILITAR
036 INSTITUTO NACIONAL DE COLONIZACION

003 PANAGRA
005 FRIG. BALLIVIAN
007 FUERZAS AEREAS
009 EMPRESA NACIONAL TELECOMMUNICATIONS
"ENTEL"
011 ADMINISTRACION DE AEROPUERTOS Y
SERVICIOS AUXILIARES A LA NAVEGACION
AEREA
013 YACIMIENTOS PETROLIFEROS FISCALES
BOLIVIANOS
015 PRESIDENCIA DE LA REPUBLICA
017 MINISTERIO DE GOBIERNO
019 MINISTERIO DE SALUD PUBLICA

021 DIRECCION GENERAL DEL PETROLEO
023 EJERCITO NACIONAL
025 EMPRESA NACIONAL DE FERROCARRILES
027 ADUANA NACIONAL
029 INSTITUTO NACIONAL DE SALUD
OCUPACIONAL
031 DEPARTAMENTO NACIONAL DE HIDROGRAFIA Y
NAVEGACION
033 BANCO MINERO BOLIVIANO
035 COMITE BOLIVIANO DE FOMENTO LANERO
037 UNIFICADA EMUSA

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

BOL	Bolivia		
038	EMPRESA MINERA BERNAL	039	EMPRESA MINERA TIHUA-MINAS
040	MINAS ATOROMA	041	EMPRESA MINERA SUCS. PEDRO SAN JUAN
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
011	BOTSWANA INTERNATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY (BIUST)		

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

BRB	Barbados

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

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

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

001 LIME
003 BARBADOS GOVERNMENT
005 HARBOUR MASTER
007 DIGICEL
009 SUNBEACH
011 BLUE COMMUNICATIONS
013 WI-NET INC.

002 INTERNATIONAL AERADIO LTD.
004 CARIBBEAN BROADCASTING CORPORATION
006 STARCOM NETWORK INC.
008 TELEBARBADOS
010 KARIB CABLE INC.
012 ACE COMMUNICATIONS INC.

BRM	Myanmar

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
003 MYANMAR OIL AND GAS ENTERPRISE
005 MYANMAR FIVE STAR LINE
007 FISHERIES DEPARTMENT
011 METEOROLOGY AND HYDROLOGY DEPARTMENT

013 NO. 2 MINING ENTERPRISE
015 DEPARTMENT OF GEOLOGY SURVEY AND
EXPLORATION
017 INFORMATION AND PUBLIC RELATION
DEPARTMENT
019 MYANMAR RAILWAYS
032 GOVERNMENT

002 MYANMAR RADIO AND TELEVISION (MRTV)
004 MYANMAR PORT AUTHORITY
006 CUSTOM DEPARTMENT
010 MYANMAR TIMBER ENTERPRISE
012 IMMIGRATION AND NATIONAL REGISTRATION
DEPARTMENT
014 NO.1 MINING ENTERPRISE
016 MYANMAR POSTS AND TELECOMMUNICATION

018 DEPARTMENT OF CIVIL AVIATION

020 MYANMAR AIRWAYS

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

BRU	Brunei Darussalam

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
TELEFAX: +673 2382445
TELEX: 0809 JTBHQ BU 2277
PHONE: +673 2323232

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

001 GOVERNMENT

003 RADIO TELEVISION BRUNEI

005 BRUNEI SATELLITES SDN BHD

002 U.K. GOVERNMENT

004 TELECOMMUNICATIONS DEPT.

006 LARKSAT LIMITED

BTN	Bhutan

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

001 MINISTRY OF COMMUNICATION, BHUTAN

BUL	Bulgaria

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

003 ASSOCIATION TSIOLKOVSKY

005 BALKANSAT EOOD

002 BULGARIA SAT AD

004 ENDUROSAT TRADING

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

CAF	Central African Republic

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
003 AERONAUTIQUE MILITAIRE FRANCAISE
006 CIE FRANCE CABLE ET RADIO

010 RESEAU DE SECURITE ET DE GENDARMERIE
NATIONALE
014 RADIODIFFUSION NATIONALE

002 COMMISSARIAT A L'ENERGIE ATOMIQUE
004 AERONAUTIQUE CIVILE (A.S.E.C.N.A.)
008 OFFICE EQUATORIAL DES POSTES ET
TELECOMMUNICATIONS
013 SOCIETES ET CIES PRIVEES CONTROLEES
PAR L'OFFICE EQUATORIAL DES P. ET T.
016 ARMEE NATIONALE

CAN	Canada

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
TELEX: 021 053 4123 comtel ott
EMAIL: For Earth stations or terrestrial stations: Attn. The Director General, Spectrum
Management operations ic.canada-canada.ic@canada.ca
TELEFAX: +1 613 952 9871
EMAIL: For Satellite networks: Attn. The Director General, Engineering, Planning and
Standards Branch IC.SatCoord-CoordSat.IC@Canada.ca

001 ALGONQUIN RADIO OBSERVATORY
003 TELESAT CANADA
005 TELESAT MOBILE INC.
007 INDUSTRY CANADA/DGEPS
009 DEPARTMENT OF NATIONAL DEFENCE

011 ORBCOMM CANADA INC
013 GOVERNMENT OF CANADA
015 MOBILE SATELLITE VENTURES (CANADA) INC
017 UNIVERSITY OF TORONTO
019 COM DEV INTERNATIONAL LTD.
021 EXACTEARTH LTD

023 GHGSAT INC
025 1021823 B.C. LTD
027 LIGADO NETWORKS
029 MERIDIAN GLOBAL CONNECTION INC.

002 DOMINION RADIO ASTROPHYSICAL
OBSERVATORY
004 TELEGLOBE CANADA INC.
006 CANADIAN SPACE AGENCY
008 LARKSAT LIMITED
010 MACDONALD, DETTWILER AND ASSOCIATES
LTD.
012 IRIDIUM CANADA COMMUNICATIONS INC
014 INNOVATION, SCIENCE AND ECONOMIC
DEVELOPMENT CANADA
016 CIEL SATELLITE COMMUNICATIONS INC
018 SATELITES MEXICANOS, S.A. DE C.V.
020 CIEL SATELLITE LIMITED PARTNERSHIP
022 95W CANADIAN SATELLITE COMMUNICATIONS
INC.
024 GAMMA ACQUISITIONS CANADA ULC
026 NORTHPOINT SPECTRUM DEVELOPMENT
028 AIREON CANADA LTD
030 KEPLER COMMUNICATIONS INC.

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

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

CBG	Cambodia
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
003	AERONAUTIQUE CIVILE
009	AVIATION CIVILE
002	MINISTERE DE L'INFORMATION
008	FORCES TERRESTRES
010	MARINE NATIONALE

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

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

CHL	Chile (except Easter Island)		
050	SOC. AGRICOLA Y GANADERA LOS VILOS	051	CLUB ANDINO OSORNO
052	INDUSTRIA MADERERA BIMA	053	CIA MINERA PUNITAQUI
054	ARTURO ARISCAN	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 MARCOU	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 CHACABUCO
119	THE ANGLO CHILEAN ASPHALTE CO. LTDA	120	SOC. NAC. DE PANOS DE TOME
121	SOC. FUNDICION NAC. DE PAIPOTE LTDA	122	CIA MINERA DEL M'ZAITA
123	FERNANDO CORREA L.	124	TORRES Y BASAUR
125	J. TUPPER H.	126	FERIA DE LOS AGRICULTORES S.A.
127	CIA AGRICOLA CHILENA S.A.	128	CIA AGRICOLA Y MADERERA PEREHUEICO LTDA
129	A. MORENO B.	130	SOC. PENA HNOS.
131	CIA MADERERA VILLANUEVA S.A.	132	CIA 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

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

CHL	Chile (except Easter Island)		
189	A. DESCOURVIERES	190	COOPERATIVA COMAC
191	COMUNIDAD CORREA PEREIRA	192	R. VERGARA R.
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		

- A** MINISTRY OF POSTS AND TELECOMMUNICATIONS
RADIO REGULATORY DEPARTMENT
13 WEST CHANG AN AVE.
BEIJING 100804
CHINA (PEOPLE'S REPUBLIC OF)
TELEFAX: +86 10 66011370
TELEX: 085 222187 PTDEX CN
EMAIL: zpliu@mii.gov.cn
- B** 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

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

CHN	China		
029	CHINA ELECTRIC SYSTEM ENGINEERING COMPANY	030	CHINA NATIONAL TECHNICAL SERVICE COMPANY FOR SURVEYING
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 TENGYUXINWEI 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	COMMSAT TECHNOLOGY DEVELOPMENT CO., LTD	070	GALAXY SPACE (BEIJING) COMMUNICATION TECHNOLOGY CO., LTD
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.

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

CHN	China		
107	CHINA TRANSPORT TELECOMMUNICATION & INFORMATION CENTER, CTIC	108	LEOBIT TECHNOLOGY CO., LTD.
109	FINAL FRONTIER CO. LTD	110	INSIGHT POSITION INTELLIGENT SCIENCE & TECHNOLOGY SERVICE CO., LTD
111	SHANGHAI VSAT TECHNOLOGY CO., LTD	112	ORIGIN SPACE LTD.
113	ADA SPACE CO., LTD.	114	HUNAN HANGSHENG SATELLITE TECHNOLOGY CO., LTD.
115	BEIHANG UNIVERSITY (BUAA)	116	NOVELSPACE (BEIJING) TECHNOLOGY CO. LTD
117	BEIJING SPACE ARK TECHNOLOGY CORP. LTD	118	F.SQUARES AI-DATA TECHNOLOGY CO., LTD.
119	BEIJING SPACEWALK AEROSPACE TECHNOLOGY CO., LTD	120	ZHEJIANG UNIVERSITY (ZDPS-3)
121	SHANGHAI TSINGSHEN TECHNOLOGY DEVELOPMENT CO. LTD (ROSEFINCH-1)	122	SHANGDONG INSTITUTES LTD. OF SATELLITE INFORMATION TECHNOLOGY
123	MACRO NET COMMUNICATION CO., LTD.	124	SPACECAS (CANTON) TECHNOLOGY CO., LTD.
125	TECH HI XIANG YU SPACE TECHNOLOGY CO. LTD.	126	XIAMEN UNIVERSITY
127	PIESAT INFORMATION TECHNOLOGY CO., LTD	128	NANJING UNIVERSITY
129	HIGH DEFINITION GLOBE CO., LTD.	130	XI'AN ZHONGETIANTA TECHNOLOGY CO. LTD
131	ELLIP SPACE (BEIJING) TECHNOLOGY CO. LTD	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	BEIJING 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

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

CHN	China		
187	JIANGHUAI FRONTIER TECHNOLOGY COORDINATION AND INNOVATION CENTER	188	HEBEI JIXIANGTONG ELECTRONIC TECHNOLOGY CO.,LTD.
189	BEIJING GALACTIC ENERGY EQUIPMENT TECHNOLOGY CO., LTD.	190	XIAMEN TIANWEI TECHNOLOGY CO.,LTD
191	BEIJING LASER STARCOM SCIENCE& TECHNOLOGY CO.,LTD	192	SUZHOU YANHANG TECHNOLOGY CO. LTD.
193	LAOSHAN NATIONAL LABORATORY	194	YAN'AN TOWER STAR-X APPLIED TECHNOLOGY CO., LTD
195	SHIFANG SAT-LINK (SUZHOU) SPACE TECHNOLOGY CO., LTD.	196	SHANGHAI XINGGONG INFORMATION TECHNOLOGY CO., LTD
197	CHINA YANGTZE POWER CO. LTD	198	ZHONGJI AEROSPACE TECHNOLOGY (HAINAN) CO., LTD.
199	AOTIAN TECHNOLOGY (BEIJING) CO., LTD.	200	HIT SATELLITE TECHNOLOGY CO.,LTD_(HITSAT)
201	AIRSAT (ANHUI) DATA TECHNOLOGY CO., LTD.	202	SHANGHAI REMOTE STAR TECH CO., LTD.
203	CHENGDU STAR ERA AEROSPACE SCIENCE AND TECHNOLOGY CO., LTD	204	SPACELARK TECHNOLOGY (JIANGSU) CO.,LTD
205	BEIJING EAGLE SPACE TECHNOLOGY CO., LTD	206	MAGICCUBESAT TECHNOLOGY CO., LTD.
207	EAGLESAR TECHNOLOGIES (JIANGSU) CO., LTD.	208	COSATS CO., LTD.
209	BEIJING INSIGHTS VALUE TECHNOLOGY CO. LTD.	210	BEIJING SPACE TIME WORLD TECHNOLOGY CO., LTD
211	BEIJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS	212	BEIJING ZHONGGUANCUN INSTITUTE OF SAFETY SCIENCE CO., LTD.
213	ZHEJIANG VSAT SPACE TECHNOLOGY CO., LTD.	214	QUANZHOU SESJO AEROSPACE TECHNOLOGY CO., LTD.
215	XI'AN HUANYU SATELLITE CONTROL AND DATA APPLICATION CO., LTD	216	WUXI YUNYAO AEROSPACE METEOROLOGICAL TECHNOLOGY CO., LTD
217	PEKING UNIVERSITY	218	QINGDAO GEESATCOM TECHNOLOGY CO., LTD.
219	SHANDONG TAIYUAN JIUYAO AEROSPACE TECHNOLOGY CO., LTD	220	INNER MONGOLIA HANGSHU TECHNOLOGY CO., LTD
221	ZHEJIANG MIAOYUE AEROSPACE APPLICATION TECHNOLOGY CO., LTD	222	BEIJING UNIFIEDNET TECHNOLOGY CO., LTD.
223	AEROSPACE INFORMATION RESEARCH INSTITUTE, CHINESE ACADEMY OF SCIENCES	224	HEFEI ASTRALNINE SATELLITE TECHNOLOGY LTD. CO.
225	PENGCHENG NATIONAL LABORATORY (PCNL)	226	HUNAN SINO-TECH AVIATION AND SPACE CO., LTD
227	BEIJING INFINASTRO TECHNOLOGY CO., LTD	228	ZHANGYE CONSTELLATION SPACE TECHNOLOGY CO., LTD
229	THE THIRD GEOLOGICAL AND MINERAL EXPLORATION INSTITUTE OF GANSU PROVINCIAL GEOLOGICAL AND MINERAL EXPLORATION AND DEVELOPMENT BUREAU	230	BEIJING NORMAL UNIVERSITY
231	XINGHUO CHUANMING (BEIJING) TECHNOLOGY CO., LTD	232	GEOVIS INSIGHTER TECHNOLOGY CO., LTD
233	CHINA DEFENSE SCIENCE AND ENGINEERING (SHANGHAI) AEROSPACE TECHNOLOGY CO. LTD.	234	SHANGHAI ETHERSPACE TECHNOLOGY CO., LTD
235	HYPERORBITAL SATCOM LTD.	236	YOUNGSTER ACTIVITY CENTER OF JING'AN DISTRICT, SHANGHAI
237	BEIJING ORBIT TWILIGHT TECHNOLOGY CO. LTD	238	FUTURESPACE (SHANGHAI) AEROSPACE TECHNOLOGY CO. ,LTD
CHR	Christmas Island (Indian Ocean)		
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
005	BUREAU OF METEOROLOGY		

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

CKH	Cook Islands		
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		
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
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

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

CLM	Colombia		
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 SILDARRIAGA 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 (ECOPETROL), 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 CESPEDAS, 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
185	LA VOZ DE CARTAGENA, CARTAGENA	186	EMISORA SIGLO VEINTE, MEDELLIN
187	EL MUNDO EN BOGOTA, BOGOTA	188	RADIO LIBERTADOR, CALI
189	RADIO VALLEDUPAR, VALLEDUPAR	190	LA VOZ DE LA PATRIA, BARRANQUILLA
191	RADIO VIGIA, CARTAGENA	192	LA VOZ DE PEREIRA, PEREIRA
193	ONDAS DEL FONCE, SAN GIL	194	ONDAS DEL PUERTO, GIRARDOT
195	LA VOZ DE LAS AMERICAS, MEDELLIN	196	LA VOZ DEL NORTE, CUCUTA
197	RADIO NARINO, PASTO	198	ONDAS DEL HUILA, NEIVA
199	LA VOZ DE CUNDINAMARCA, ZIPAQUIRA	200	RADIO CULTURA, CALI
201	RADIO PILOTO, BARRANQUILLA	202	RADIO DEL COMERCIO, BUCARAMANGA
203	LA VOZ DEL CAUCA, POPAYAN	204	EMISORA VARIEDADES, BARRANQUILLA
205	EMISORA MARIANA, BOGOTA	206	EMISORA GUADALAJARA, BUGA
207	RADIO MAGDALENA, SANTA MARTA	208	EMISORA CULTURAL, MEDELLIN
209	RADIO GUAIMARAL, CUCUTA	210	LA VOZ DE MARIA, BOGOTA
211	LA VOZ DE LA DORADA, DORADA	212	RADIO TULUA, TULUA
213	ONDAS DE IBAGUE, IBAGUE	214	ONDAS DE RIOHACHA, RIOHACHA
215	RADIO BELALCAZAR, POPAYAN	216	RADIO SINCELEJO, SINCELEJO
217	ARMONIAS DEL PALMAR, PALMIRA	218	LA VOZ DEL ESPINAL, ESPINAL
219	RADIO CENTINELA, PEREIRA	220	LA VOZ DE LA GRAN COLOMBIA, CUCUTA
221	RADIO QUIBDO, QUIBDO	222	RADIO PAMPLONA, PAMPLONA
223	RADIO BOLIVAR, CALI	224	EMISORA REINA DE COLOMBIA, CHIQUINQUIRA
225	EMISORA LICEO DEPARTAMENTAL, SONSON	226	RADIO PARROQUIAL, NEMOCON
228	LA VOZ DEL PARAISO, CERRITO	229	RADIO COPACABANA, COPACABANA
231	LA VOZ DEL RIO ZULIA, ZULIA	233	RADIO PALMIRA, PALMIRA
234	EMISORA MONSERRATE, BOGOTA	235	LA VOZ DE LOS COMUNEROS, BUCARAMANGA

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

CLM	Colombia
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	JAIR 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
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
PHONE: +94 11 2689345
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

C TELECOMMUNICATION DEPARTMENT,
MALE

G A.H.Q.,
NEGOMBO

001 CEYLON OVERSEAS TELECOMMUNICATIONS
SERVICE
003 DEPARTMENT OF METEOROLOGY, CEYLON
005 DEPARTMENT OF BROADCASTING
007 CEYLON GOVERNMENT, CIVIL AVIATION
DEPARTMENT
009 SRI LANKA AIR FORCE
011 R.A.F.
013 INSTITUTE OF SURVEYING AND MAPPING
DIYATAHAWA
015 CEYLON ELECTRICITY BOARD
017 BANGLADESH HIGH COMMISSION

002 UNITED KINGDOM GOVERNMENT
004 DEPARTMENT OF POSTS AND
TELECOMMUNICATIONS
006 SRI LANKA BROADCASTING CORPORATION
(TORRINGTON SQUARE, COLOMBO 7)
008 POLICE DEPARTMENT
010 SRI LANKA ARMY
012 SRI LANKA NAVY
014 MALDIVIAN EMBASSY
016 SWEDISH EMBASSY

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

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			
CNR	Canary Islands			

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

CNR	Canary Islands

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 AUTORITE DE REGULATION DE LA POSTE ET DES TELECOMMUNICATIONS DU CONGO (ARPTC)
 PRESIDENT / ARPTC
 7ème NIVEAU, IMMEUBLE 1113
 CROISEMENT DES AVENUES DES FORCES ARMEES ET BOULEVARD DU 30 JUIN
 KINSHASA / GOMBE
 B.P. 3000 KINSHASA 1
 REPUBLIQUE DEMOCRATIQUE DU CONGO
 PHONE: +243 821 818 823
 EMAIL: secretariat@arptc.gouv.cd
 PHONE: +243 821 918 821

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		

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
 EMAIL: wilson.bokatola@arpce.cg
 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

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

COM	Comoros

- A** AUTORITE NATIONALE DE REGULATIONS DES TECHNOLOGIES DE L'INFORMATION ET DE LA COMMUNICATION
- ANRTIC TELECOMMUNICATIONS
B.P. 6540
OASIS MORONI
COMORES
TELEFAX: +269 773 87 62
EMAIL: contact@anrtic.km
PHONE: +269 773 87 61
- 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)
TELEFAX: +238 61 3069
EMAIL: info.anac@anac.cv
- | | | | |
|------------|--|------------|--|
| 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. | | |

CRO	Crozet Archipelago

- 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)
- B** M. L'ADMINISTRATEUR SUPERIEUR DES
TERRES AUSTRALES ET ANTARCTIQUES
FRANCAISE
34 RUE DES RENAUDES
F - 75017 PARIS
TELEX: TAAF 640980 F
- | | | | |
|------------|------------------------------------|------------|-------------------|
| 001 | ETABLISSEMENT DE L'ARCHIPEL CROZET | 002 | DEFENSE NATIONALE |
| 018 | METEOROLOGIE | | |

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

CTI	Côte d'Ivoire

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

CTR	Costa Rica

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 VIOQUEZ H.	040	PRBO. GONZALO JIMENEZ A.

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

CTR	Costa Rica
041	MARCO A. MUNOZ
043	DANILO CASTRO C.
045	RADIO RUMBO LTD.
047	INSTITUTO COSTARRICENSE DE ELECTRICIDAD SABANA APDO,10032 S JOSE,COSTA RICA
049	ASOCIACION COSTARRICENSE DE INFORMACION Y CULTURA
051	ASOCIACION RADIO MARIA
053	BEEPERMATIC DE COSTA RICA SA
055	CARACOSTA SA
057	CONFERENCIA EPISCOPAL DE COSTA RICA
059	DIFUSORA RASACA SA
061	GUIRIBIZO DE COSTA RICA SA
063	HERRERA TROYO S.A
065	JOSE RODOLFO TRAUBE ZAMORA
067	LAS TEMPORALIDADES DE LA DI6SECIS DE SAN ISIDRO DEL GENERAL
069	MANUEL ANGEL QUESADA CAMPOS
071	MOTOS JAWA DE COSTA RICA S.A.
073	RADIO CIMA SA
075	RADIO INTERCONTINENTAL S.A.
077	RADIO MONUMENTAL SA
079	RADIO OCHENTA Y OCHO ESTEREO SA
081	RADIO RUMBO
083	RADIO VICTORIA LTDA
085	ROGER BARAHONA & HERMANOS SA
087	SOCIEDAD CENTRAL DE RADIOS COR, SA
089	SOCIEDAD PRODUCCIONES CASTRO SA
091	TEMPORALIDADES DE LA IGLESIA CATOLICA DIOCESIS DE LIMON
093	TERRA DOS DE SAN JOSE SA
095	TRECE OCHENTA RADIO GUANACASTE SA
097	VIASA DE COSTA RICA SA
099	COSTARRICENSE DE LOS ADVENTISTAS DEL SETIMO DIA (ASOCIACION RADIO LIRA)
101	B.B C. RADIO S.A.
103	CADENA MUSICAL S.A.
105	COMPANIA NACIONAL DE RADIODIFUSION LTDA
107	CORPORACION RADIOFONICA ALFA Y OMEGA S.A.
109	FUNDACION CIUDADELAS DE LIBERTAD
111	GRUPO LATINO DE RADIODIFUSION COSTA RICA S.A.
113	HERRERA TROYO S.A.
115	JUAN VEGA QUIROS
117	LEIVA FALLAS LIDIO ALBERTO
119	ONDA RADIAL MARMUCAST S.A.
121	PRODUCCIONES Y GRABACIONES LARG S.A.
123	RADIO CASINO S.A.
125	RADIO DOS S.A.
127	RADIO PENINSULAR ESTEREO S.A.
129	RADIODIFUSORA DEL PACIFICO LTDA.
131	SOCIEDAD CENTRAL DE RADIO CDR, S.A.
133	STEREO BAHIA LTDA
135	TEMPORALIDADES DE LA ARQUIDIOCESIS DE SAN JOSE
137	ASOCIACION CRISTIANA DE COMUNICACIONES CANAL VEINTIRES
139	ASOCIACION LUMEN LA GRANJA SAN PEDRO
141	CADENA DE TELEVISION COMUNITARIA DEL CARIBE S.A.
143	CANAL CINCUENTA Y UNO S.A.
145	CELESTRON S.A.
042	HECTOR R. CARAZO
044	LINEAS AEREAS COSTARRICENSES S.A.
046	HECTOR FERLLINI SALAZAR
048	ASOCACION DE COMUNICACIONES FARO DEL CARIBE
050	ASOCIACION DE CRISTO ELIM
052	ASOCIACION RADIO MUNDIAL ADVENTISTA
054	CADENA DE EMISORAS COLUMBIA SA
056	CENTRO AMERICANA DE VENTAS SA
058	DEPORTES UNIDOS SA
060	FUNDACION CIUDADELAS DE LIBERTAD
062	HERNAN FALLAS FALLAS
064	INSTITUTO COSTARRICENSE DE ENSEMANZA RADIOFONICA
066	LAS FRECUENCIAS SA
068	LUIS GUSTAVO JIMENEZ RAMIREZ
070	MARCOSA M Y V S A.
072	RADIO CASINO S.A.
074	RADIO INTEGRIDAD Rl SA
076	RADIO MIL S.A.
078	RADIO NICOYA S.A
080	RADIO PAMPA S.A
082	RADIO UINIVERSIDAD
084	ROBERTO HERNANDEZ RAMIREZ
086	SISTEMA NACIONAL DE RADIO Y TELEVISION S.A.
088	SOCIEDAD PERIODISTICA EXTRA LIMITADA
090	TEMPORALIDADES DE LA ARQUIDIOCESIS DE SAN JOSE
092	TEMPORALIDADES DE LA IGLESIA CATOLICA DIOSCESIS DE CIUDAD QUESADA
094	THE WORLDWIDE UNIVERSITY NETWORK RADIO OF COSTA RICA SA
096	UNIVERSIDAD DE COSTA RICA
098	ASOCIACION DE COMUNICACIONES FARO DEL CARIBE ASOCIACION IGLESIA
100	ASOCIACION INSTITUTO COSTARRICENSE DE ENSEMANZA RADIOFONICA
102	BEEPERMATIC DE COSTA RICA S.A.
104	CARLOS UMANA ROJAS (SENDAS FRECUENCIA MODULADA DE VIDA S.A)
106	COMPANIA RADIOFONICA AZUL S.A.
108	(RADIOFONICA AZUL S.A.)
110	EL PAPIRO INVERSIONES SURAMERICANAS IS S.A.
112	GRUPO CENTRO S.A.
114	GRUPO RADIOFONICO TBC S.A.
116	INVERSIONES EN COMUNICACION Y CULTURA ICC S.A.
118	LAS TEMPORALIDADES DE LA DIOCESIS DE SAN ISIDRO DEL GENERAL (RADIO SINAL)
120	MARCOSA M Y V S.A.
122	PRODUCCIONES RADIOFONICAS DE SAN JOSE S.A.
124	QUADRANTE S.A.
126	RADIO COLUMBIA S.A.
128	RADIO MIL S.A.
130	RADIO RUMBO LTDA
132	SISTEMA NACIONAL DE RADIO Y TELEVISION CULTURAL
134	SONIDO LATINO FM S.A.
136	SUPER RADIO FM S.A.
138	UNIVERSIDAD DE COSTA RICA
140	ASOCIACION CULTURAL CRISTO VISION
142	BIVISION DE COSTA RICA S.A.
144	CANAL CINCUENTA DE TELEVISION S.A.
146	CANAL COLOR S.A.
	CONFERENCIA EPISCOPAL NACIONAL DE COSTA RICA

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

CTR	Costa Rica
147	CORPORACION COSTARRICENSE DE TELEVISION S.A.
149	FUNDACION INTERNACIONAL DE LAS AMERICAS
151	GRANRO TELEVISORA DEL SUR S.A.
153	LA JICARA S.A.
155	LINBERGH QUESADA ALVAREZ
157	MINISTERIO DE EDUCACION PUBLICA (SINART)
159	RADIO COSTA RICA NOVECIENTOS TREINTA AM S.A.
161	SOCIEDAD PERIODISTICA EXTRA LTDA
163	TV NORTE CANAL CATORCE S.A.
165	TELEAMERICA S.A.
167	TELEVISION Y AUDIO S.A.
169	TELEVISORA CRISTIANA S.A.
171	TELEVISORA SUR Y NORTE S.A.
173	TV DE SAN JOSE UHF S.A.
175	BT LATAM COSTA RICA S.A.
177	CABLE CARIBE S.A.
179	CABLE COSTA S.A.
181	CABLE SUR S.A.
183	CABLE TELEVISION DOBLE R, S.A
185	CABLE VISION DE OCCIDENTE S.A.
187	CABLEPLUS S.A.
189	COOPERATIVA DE ELECTRIFICACION RURAL DE ALFARO RUIZ, R.L.
191	COOPERATIVA DE ELECTRIFICACION RURAL DE SAN CARLOS R.L.
193	CORPORACION CENTROAMERICANA DE SERVICIOS DE NAVEGACION AREA (CO CESNA)
195	EMBAJADA DE LOS ESTADOS UNIDOS DE AMERICA
197	GREGORIO VELO GIAO
199	LOCAL APTO ROM
201	MUSICAR FRECUENCIA SATELITAL S.R.L.
203	SERVICIOS FEMAROCA TV S.A.
205	SISTEMA NACIONAL DE RADIO Y TELEVISION S.A.
207	TELEVISORA DE COSTA RICA S.A.
209	RADIO SABROSA S.A.
211	RADIO UNO S.A.
213	MINISTERIO DE SEGURIDAD PUBLICA DE COSTA RICA
148	DONA NENA S.A.
150	GENESIS TELEVISION S.A.
152	GRUPO TAGAMA S.A.
154	LA PRODUCTORA CENTROAMERICANA DE TELEVISION S.A.
156	LOCAL TM APTO TM APTO ROM S.A
158	OTOCHE S.R.L.
160	RED TELEVISION Y AUDIO S.A.
162	T.V. DIECINUEVE UHF S.A.
164	TECNICOS EN TELECOMUNICACIONES S.A.L.
166	TELESISTEMA NACIONAL S.A.
168	TELEVISORA CANAL VEINTISIETE M.M. S.A.
170	TELEVISORA DE COSTA RICA S.A.
172	TRIVISION DE COSTA RICA S.A.
174	UNIVERSIDAD DE COSTA RICA
176	CABLE ARENAL DEL LAGO S.A.
178	CABLE CENTRO S.A.
180	CABLE SUIZA S.A.
182	CABLE TALAMANCA S.A.
184	CABLE VISION DE COSTA RICA CVCR S.A.
186	CABLE ZARCERO S.A.
188	CLARO CR TELECOMUNICACIONES S.A.
190	COOPERATIVA DE ELECTRIFICACION RURAL DE GUANACASTE R.L.
192	COOPERATIVA DE ELECTRIFICACION RURAL LOS SANTOS R.L.
194	DATZAP LIMITED LIABILITY COMPANY
196	GACHRIS CONSULTORES S.A.
198	INVERSIONES BRUS MALIS LTDA
200	MILLICOM S.A.
202	SERVICIOS DIRECTOS DE SATELITE S.A.
204	SERVITEL CORP S.A.
206	TELEFONICA DE COSTA RICA TC S.A.
208	UFINET COSTA RICA S.A.
210	ENRRAGUPI Y F.G.S.S.A.
212	MINISTERIO DE AMBIENTE Y ENERGIA DE COSTA RICA
CUB	Cuba

A DIRECCION DE CONTROL DEL ESPECTRO RADIOELECTRICO
MINISTERIO DE COMUNICACIONES
PLAZA DE LA REVOLUCION "JOSE MARTI"
LA HABANA CP 10600
TELEFAX: +53 7 57 4063
TELEX: 028511490 MCDFR CU
EMAIL: MC203@MC.ETECSA.CU

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001 SWEDISH GOVERNMENT
003 EMTELCUBA
005 U.S. GOVERNMENT

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

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

CUW	Curaçao

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

CVA	Vatican

A GOVERNATORATO - SECRETARIAT GENERAL
V-00120 CITTA' DEL VATICANO
VATICAN CITY STATE
TELEFAX: +39 06 69885299
TELEX: 05042011 raddirtec va
EMAIL: segreteria.generale@scv.va
PHONE: +39 06 69890150

001 ETAT DE LA CITE DU VATICAN

002 DIRECTION RADIO VATICAN

CYM	Cayman Islands

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

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

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

002 THE GOVERNOR, GRAND CAYMAN, CAYMAN ISLANDS

003 CIVIL AVIATION DEPARTMENT

004 INTERNATIONAL AERADIO (CARIB) LTD.

005 I.A. (C) L, PORT OF SPAIN, TRINIDAD

CYP	Cyprus

A DEPARTMENT OF ELECTRONIC COMMUNICATIONS
P.O. BOX 24647
CY - 1302 NICOSIA
CYPRUS
EMAIL: INFO.DEC@DEC.DMRID.GOV.CY (Terrestrial Services)
TELEFAX: +357 22 321925 (Terrestrial Services)
EMAIL: SATCOORD@DEC.DMRID.GOV.CY (Space Services)
TELEFAX: +357 22 409650 (Space Services)

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)

CYP	Cyprus

C	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEFAX: +1 212 9631939 TELEX: 023289696		
001	CYPRUS TELECOMMUNICATIONS AUTHORITY, NICOSIA	002	UNITED KINGDOM GOVERNMENT
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 P.O. BOX 02 225 02 PRAHA 025 CZECH REPUBLIC PHONE: +420 22400 4111 EMAIL: info@ctu.cz TELEFAX: +420 22400 4830		
B	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 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 REPUBLIC	008	INTERSPUTNIK
009	CESASAT PARDUBICE - SATELLITE COMMUNICATION SYSTEMS	010	ASTRONOMICAL INSTITUTE ASCR
011	JAROSLAV LAIFR	012	PEKASAT SE

D	Germany

A	FEDERAL NETWORK AGENCY FOR ELECTRICITY , GAS, TELECOMMUNICATION, POST AND RAILWAYS FREQUENCY MANAGEMENT SECTION 223 P.O. BOX 8001 D - 55003 MAINZ TELEFAX: +49 6131 185614 EMAIL: poststelle@BNetzA.de

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

D	Germany		
B	FEDERAL NETWORK AGENCY FOR ELECTRICITY, GAS, TELECOMMUNICATION, POST AND RAILWAYS, CENTRALIZING OFFICE OF THE RADIO MONITORING SERVICE SECTION 511 P.O. BOX 8001 D - 55003 MAINZ TELEFAX: +49 6131 185602 EMAIL: 511.postfach@bnetza.de TELEX: 4187404 MONI D		
C	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA EMAIL: ifc.enquiries@ofcom.org.uk PHONE: +44 20 7981 3100 TELEFAX: +44 20 7981 3208 TELEX: 051261969 DTI WBH G		
D	SWISS TELECOM PTT CH-3030 BERNE SUISSE TELEFAX: +41 31 3382549		
E	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
H	MONSIEUR LE DIRECTEUR GENERAL AGENCE NATIONALE DES FREQUENCES 78, AV. DU GENERAL DE GAULLE - BP400 94 704 MAISONS ALFORT CEDEX FRANCE TELEFAX: +33 1 45187231		
J	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
K	FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC FREQUENCY OFFICE ARSENAL, OBJEKT 22, POB 79 A-1103 WIEN / AUSTRIA TELEX: 131 800 MONI A		
L	THE CHAIRMAN AND DIRECTOR GENERAL SUDAN TELECOMMUNICATIONS CORPORATION MINISTRY OF TRANSPORT AND COMMUNICATIONS KHARTOUM TELEX: 299 GENTEL KM		
M	BUNDESNETZAGENTUR FUR ELEKTRIZITAT, GAS, TELEKOMMUNIKATION, POST UND EISENBAHNEN CANISIUSSTR. 21 D- 55122 MAINZ		
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

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

D	Germany		
027	RADIO BREMEN, BREMEN	028	DEUTSCHE BUNDESPOST (DEUTSCHE BUNDESBahn, BUNDESBahn - ZENTRALAMT, MUENCHEN)
029	DEUTSCHE LUFTHANSA A.G., HAMBURG	030	REGIONALFLUGHAFEN SUEDEST-WESTFALEN GMBH, BUEREN-AHDEN
031	FLUGHAFEN FRIEDRICHSHAFEN GMBH, FRIEDRICHSHAFEN 1	032	REGIONALFLUGHAFEN SUEDEST-WESTFALEN GMBH, PADERBORN
033	FLUGHAFEN MUENSTER-OSNABRUECK GMBH, GREVEN	034	REGIERUNG VON MITTELFRANKEN, NUERNBERG 99
035	BELGISCHE RADIO EN TELEVISIE	036	MBB TRANSPORT- UND VERKEHRSFLUGZEUGE, LEMWERDER
037	FLensburgURGER	038	LUFTAMT NORDBAVERN
039	FLUGHAFENBETRIEBSGESELLSCHAFT M.B.M. REGIERUNG VON OBERBAVERN, LUFTAMT SUDBAVERN	040	DEUTSCHE GESELLSCHAFT ZUR RETTUNG SCHIFFBRUECHIGER, BREMEN
041	MAX-PLANCK-INSTITUT FUER RADIOASTRONOMIE AUF DEM HUEGEL 69, 5300 BONN 1	042	DEUTSCHE BUNDESPOST (DEUTSCHER WETTERDIENST, ZENTRALSTELLE, FRANKFURT (MAIN))
049	SENDER FREIES BERLIN, BERLIN-WILMERSDORF	050	MAX-PLANCK-INSTITUT, GARCHING
057	GOUVERNEMENT DE LA SUEDE	058	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	DITHMARSCH 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 ZWEIBRUEKEN	107	FLUGHAFEN PADERBORN LIPPSTADT GMBH
108	FLUGHAFEN ROSTOCK LAAGE GUSTROW GMBH	109	DAIMLER BENZ AEROSPACE GMBH
110	STADT HOF	111	FLUGPLATZ ALTENBURG NOBITZ GMBH
112	KIELER FLUGHAFENGESELLSCHAFT MBH	113	FLUGHAFEN LUBECK GMBH
114	FLUGHAFEN FRIEDRICHSHAFEN GMBH	115	RHEIN MOSEL FLUGHAFEN HAHN
116	FLUGHAFEN SYLT GMBH	117	SATPHONE, LONDON
118	FLUGPLATZ SCHWABEISH ALL GMBH	119	FLUGHAFEN ROTHENBURG / GOERLITZ GMBH
120	FLUGPLATZ MNGEN GMBH	121	FLUGHAFEN SYLT GMBH
122	FLUGHAFENGESELLSCHAFT MOENCHENGLADBACH GMBH	123	OSTSEEFLUGPLATZ BARTH
124	FLUGPLATZ BAUTZEN	125	FLUGHAFEN SUEDE BRANDENBURG COTTBUS
126	FLUGPLATZ SPEYER / LUDWIGSHAFEN GMBH	127	FLUGHAFEN PARCHIM MECKLENBURG GMBH
128	FLUGPLATZ ALTENBURG NOBITZ GMBH	129	FLUGHAFEN HERINGSDDORF GMBH
130	EUMETSAT, DARMSTADT	131	FLUGHAFEN NEUBRANDENBURG, TROLLENHAGEN
132	FLUGPLATZ MAGDEBURG GMBH	133	FLUGHAFEN DORTMUND - WICKEDE GMBH
134	AUGSBURGER FLUGHAFEN GMBH	135	DORNIER SATELLITENSYSTEME GMBH, 88039 FRIEDRICHSHAFEN
136	DEUTSCHE WELLE	137	MITTELDEUTSCHER RUNDfunk
138	ASTRIUM GMBH	139	RAPIDEYE AG
140	JULIUS-MAXIMILIANS-UNIVERSITAET WUERZBURG COMPUTER SCIENCE VII: ROBOTICS AND TELEMATICS	141	TU DRESDEN, UNIVERSITY OF TECHNOLOGY
142	UNIVERSITAET STUTTGART	143	UNIVERSITAT MUNCHEN
144	STADOKO UG	145	INTELSAT
146	FEDERAL AGENCY FOR CARTOGRAPHY AND GEODESY GEODETIC OBSERVATORY WETTZELL (GOW)	147	ZENTRUM FUR TELEMATIK E.V.
148	UNIVERSITAT WURZBURG	149	GERMAN ORBITAL SYSTEMS GMBH
150	MAX-PLANCK-INSTITUT FUER ASTROPHYSIK	151	THURINGER LANDESSTERNWARTE

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

D	Germany
152 154 156 158 160 162 164 166 168 170 172 174 176 178 180 182 184 186 188 190 192 194 196 198 200 202 204 206 208 210 212 214 216 218 220 222	RUHR-UNIVERSITAT BOCHUM, ASTRONOMISCHES INSTITUT LEIBNITZ-INSTITUT FUER ASTROPHYSIK UNION AEROSPACE COMPONENTS APUS TELECOM SATELLITE SERVICES GMBH SAT4M2M COMMERCIAL GMBH KEPLER COMMUNICATIONS SWARM TECHNOLOGIES AMAZON DEVELOPMENT CENTER GERMANY GMBH GLOBALSTAR ORORATECH ISAR AEROSPACE TECHNOLOGIES GMBH STARLINK GERMANY GMBH UNIVERSITAET BW MUENCHEN ANTARIS QOSMOSYS LAUNCHER SKYKRAFT PTY LTD ORBITAL ASTRONAUTICS UG AIRBUS DEFENCE AND SPACE GMBH CRYPTOSAT SATORO PTE LTD KACIFIC DIGANTARA TALOS RAPID CUBES OHB-SWEDEN SPECTRUM AEROSPACE TECHNOLOGIES UG RIVADA SPACE NETWORKS GMBH REFLEX AEROSPACE AMSAT-DL UNIVERSITAT BREMEN ITRI FH AACHEN - UNIVERSITY OF APPLIED SCIENCES PROJECT-S SPACE DCUBED GMBH MEDIA BROADCAST SATELLITE GMBH 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199 201 203 205 207 209 211 213 215 217 219 221 223 UNIVERSITAT BIELEFELD, FAKULTAT FUR PHYSIK ALBA ORBITAL GOVERNMENTAL - GENERAL FRAUNHOFER EMI LACUNA SPACE TRSI HUGHES NETWORK SYSTEMS GMBH MOMENTUS ROVIAL SPACE PRODUCTS AND INNOVATION GMBH LUNASONDE BERLIN SPACE TECHNOLOGIES GMBH SATELIOT PAX ROGUE SPACE EPIC AEROSPACE CONSTELLR GMBH NUSPACE NETRA IMPULSE SPACE NCKU CYBEESAT SPIRE GLOBAL GERMANY PICOSATS ASTRANIS SPACE MACHINES COMPANY AMAZON KUIPER GERMANY GMBH TECHNICAL UNIVERSITY DARMSTADT VYOMA ORBITAL MATTER ASTRUM NETWORKS ATMOS SPACE CARGO MARBLE IMAGING AG RAPIDTEK FRAUNHOFER INSTITUTE FOR INTEGRATED CIRCUITS IIS TRON FUTURE TECH INC.
DGA	Diego Garcia

- 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** DEPARTMENT OF STATE,
WASHINGTON D.C. 20520
- 001** U.S. GOVERNMENT

DJI	Djibouti

- A** DJIBOUTI TELECOM SA
3, BD G. POMPIDOU
BP 2105
REPUBLIQUE DE DJIBOUTI
PHONE: +253 21 351110
TELEFAX: +253 21 355757
EMAIL: djibouti_telecom@intnet.dj

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

DJI	Djibouti

B	MINISTERE DE LA CULTURE ET DE LA COMMUNICATION CHARGE DES POSTES ET DES TELECOMMUNICATIONS PORTE PAROLE DU GOUVERNEMENT AV CHEIK OSMAN BP 32 REPUBLIQUE DE DJIBOUTI 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

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

DNK	Denmark

A	NATIONAL IT AND TELECOM AGENCY EXECUTIVE SECRETARIAT HOLSTEINSGADE 63 DK - 2100 KOBENHAVN TELEFAX: +45 35431434/ +45 35433910 TELEX: 055 31100 NTA DK EMAIL: TST@TST.DK PHONE: 45 35 450 118 / 000
B	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELESIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR
C	DANISH BUSINESS AUTHORITY DAHLERUPS PAKHUS LANGE LINIE ALLE 17 DK - 2100 COPENHAGEN TELEFAX: +45 3546 6001 PHONE: +45 3529 1000 EMAIL: fti@erst.dk

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

DNK	Denmark		
D	DANISH ENERGY AGENCY AMALIEGADE 44 1256 COPENHAGEN DENMARK PHONE: (+45) 33 92 67 00 TELEFAX: (+45) 33 11 47 43 EMAIL: coordination@ens.dk		
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 STATSBAER, 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 KLAESVIK
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	BIRKEROD 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	NAESKOV KOMMUNE
185	SKIVE FLYVEKLUB	186	DANSK UNDERGRUNDS CONSORTIUM
187	SOESUM FLYVEPLADS	188	DANISH GOVERNMENT
192	SINDAL KOMMUNE	193	SOENDERBORG KOMMUNE
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	LANDSVERKROEDINGURIN, 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

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

DNK	Denmark		
447	AARHUS UNIVERSITY	448	AERIAL & MARITIME LTD
449	STERNULA APS	450	SPACE INVENTOR A/S
451	AGENCY FOR DIGITAL GOVERNMENT		

DOM	Dominican Rep.		

A	INSTITUTO DOMINICANO DE LAS TELECOMUNICACIONES (INDOTEL) AV. ABRAHAM LINCOLN, NO. 962, 1RA PLANTA EDIF. OSIRIS, ENSANCHE PARAISO SANTO DOMINGO 11202 REPUBLICA DOMINICANA TELEFAX: +1 829 473 8544 TELEX: 0202 dgt 3466004 PHONE: +1 829 473 8554 / 8554 EMAIL: indotel@indotel.org.do		
001	ALEJANDRO JEREZ ESPINAL/DIRADA FM	002	AM 88 & ASOCIADOS, S.A.
003	ANTENA FM, S.A	004	ANTONIO BAUDI MUSA
005	ANTONIO DAMIAN BRISSE 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
071	ING. ABRAHAM VICTORIA Y ASOC. C. POR A.	072	ING. JULIO SOTO MEDINA
073	ING. MERCEDES ONANEY GONZALEZ FLORENTINO	074	IVAN AGUILES RAMIREZ DE LOS SANTOS
075	JOHANNES W. STREESE	076	JORGE ANTONELY MARTINEZ
077	JOSE ALBERTO BONILLA	078	JOSE BLAS PERALTA
079	JOSE FRANCISCO SALCEDO	080	JOSE LEONARDO ATILES
081	JOSE LUIS DE LOS REMEDIOS MATOS PEREZ	082	JOSE MANUEL MARTIN JIMENEZ
083	JOSE MANUEL RAPOSO	084	JOSE NELSON GUILLEN VALDEZ
085	JUAN FCO. SANTOS REYES	086	JUAN FRANCISCO SANTOS REYES
087	JUAN FRANCISCO TORRES	088	JUAN GEOVANNY ARIAS PENA
089	JULIO ANTONIO GONZALEZ BURELL	090	JULIO C. CORREA
091	JULIO CESAR PAULINO RAMIREZ	092	JULIO JEDI Y DR. GUILLERMO LIVARI
093	JULIO MANUEL CABALLERO TAVAREZ	094	JUMBO FM

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

DOM	Dominican Rep.		
095	JUSTO F. MENDEZ ROMERO	096	KV, S.A.
097	LA BRAVA, FM	098	LA SUPER POTENTE 104.5 FM
099	LA VOZ CULTURAL DE LAS FUERZAS ARMADAS	100	LA VOZ DE LA ROMANA Y SUCESTORES
101	LA VOZ DEL TROPICO	102	LARIMAR S.A.
103	LATINA 88, S.A.	104	LEONIDAS FRANCISCO HENRIQUES
105	LEONIDAS FRANCISCO RODRIGUEZ	106	LEONIDAS HORACIO HENRIQUEZ MANON
107	LI. JUAN JOSE GARCIA L.	108	LIC. EUSEBIO HIPOLITO BENCOSME RODRIGUEZ
109	LIC. FRANCISCO MICHELLI PABLO	110	LIC. FRANKLIN ONESIMO TAVAREZ S.
111	LIC. GREGORY CASTELLANO RUANO	112	LIC. LUISA FRANCO/MARCOS TULIO CEPEDA
113	LINCOS	114	LUIS B. JAVIER CASTILLO
115	MAGICA FM	116	MAGUANA MERCANTIL, C. POR A.
117	MANAGUA COMERCIAL	118	MANIA 92.9
119	MANUEL ANTONIO MIRELES LIZARDO	120	MANUEL DE JESUS THOMAS BAEZ
121	MANUEL HAZOURY	122	MARIA ELENA RODRIGUEZ
123	MARIA ANTONIO HERNANDEZ	124	MARIO E. ABIKARAN
125	MAXIMA FM	126	MEDIOS EDUCATIVO S Y COMUNICACIONES S.A.
127	MEGAMEDIOS, S.A.	128	MELODY FM
129	MIGUEL A. SANCHEZ	130	MIGUEL ALFREDO ABUD G.
131	MIGUEL GUAROCUYA CABRAL	132	MIGUEL LAMA MITRE
133	MINISTERIO RADIAL ADORACION F.M. 101.9	134	MINISTERIO RADIAL INTERDENOMINACIONAL
135	MINISTERIO RADIAL LA VOZ DE LA LUZ, INC.	136	MODESTO ESPINAL OZUNA
137	NADIM MIGUEL BEZI NICASIO	138	NELSON DE JESUS REYES GUZMAN
139	NELSON RICHARDS OLIVO	140	NICOLAS DE JESUS, CARDENAL, LOPEZ RODRIGUEZ
141	NORBERTO E. MARINEZ Y SUCESTORES	142	OBISPADO DE LA VEGA
143	ONDAS DEL YUNA, S.A.	144	ONEYDA JOSELIN CADENA MORA
145	OPTIMA FM	146	OSCAR GILBERTO RODRIGUEZ DE LA ROSA
147	PABLO JOSE GRULLON P.	148	PEDRO A. SANCHEZ
149	PONCIO POU SALETA	150	PROYECTO LINCOS
151	PURITO SUAREZ DE JESUS	152	PURO MATOS VARELA/CLAVEL FM
153	RADECO	154	RADIAL, C. POR A.
155	RADIO 23 C. POR A.	156	RADIO 91
157	RADIO AGUILA	158	RADIO ALFA Y OMEGA
159	RADIO AMANECER	160	RADIO AMBIENTE, C. X A.
161	RADIO AMISTAD, S.A.	162	RADIO AZUL, S.A.
163	RADIO BELLER	164	RADIO BONA, C. POR A.
165	RADIO CADENA COMERCIAL	166	RADIO CANAL
167	RADIO CENTRO	168	RADIO CIMA, S.A.
169	RADIO CONSTANZA, C. POR A.	170	RADIO CORAZONES
171	RADIO CRISTAL	172	RADIO ENMANUEL
173	RADIO ESCALA	174	RADIO EXITOS, C. POR A.
175	RADIO FM 93	176	RADIO FM INDEPENDENCIA
177	RADIO FM SIEMPRE SUAVE	178	RADIO GUAROCUYA, C POR A
179	RADIO HICH (RADIO SUR)	180	RADIO HIGO, C POR A.
181	RADIO HIN, C. POR A.	182	RADIO HION C. POR A.
183	RADIO HISPANIOL	184	RADIO HIT
185	RADIO JANICO	186	RADIO LA VEGA
187	RADIO LASER (MILBE COMUNICACIONES)	188	RADIO LIBERTAD. C. POR A.
189	RADIO LISTIN, 99.5	190	RADIO MARIEN
191	RADIO METRO (POLITIRO, S.A.)	192	RADIO MIL, C. POR A.
193	RADIO MONTECRISTI	194	RADIO NORTE AM
195	RADIO NOVEL, S.A. RAVESA	196	RADIO OCOA C X A
197	RADIO OLIMPICA INTERNACIONAL, C. X A.	198	RADIO ONDAS DE MONTECRISTY, S.A.
199	RADIO ONDAS DEL VALLE	200	RADIO ORO C. X A.
201	RADIO QUISQUEYANA	202	RADIO SANTIAGO, C. POR A.
203	RADIO TELEVISION DOMINICANA	204	RADIO TURBO
205	RADIO UNIVERSAL, C. X A.	206	RADIO VILLA, S.A
207	RADIOFUSORA DEL SUR, C. POR A.	208	RADIODIFUSORA MASTER, S.A.
209	RADIODIFUSORAS AZUANAS, C. X A.	210	RADIOEMISORAS UNIDAS, S.A.
211	RADIOLANDIA C. POR A.	212	RADION, C. POR A.
213	RADIOTELEVISION DOMINICANA	214	RAFAEL ARISTIDES MARTINEZ GALLARDO
215	RAFAEL AUTUSTO CRISTOBAL VILLANUEVA	216	RAFAEL CORPORAN DE LOS SANTOS
217	RAFAELA DIAZ VIUDA BELLO	218	RAMON J. ROSA
219	RAMON MARIA ROBRIGUEZ	220	RAMON MORALES SANCHEZ
221	RAMON PACHECO	222	REYNALDO ANTIGUA VENTURA
223	RITMO 96	224	RUDDY GRULLON
225	RUMBA, S.A.	226	SAN CRISTOBAL DE T.V. Y RADIO
227	SANTANA REYES GONZALEZ	228	SERVICIO CULTURALES DOMINICANOS
229	SERVICIOS CULTURALES DOMINICANOS	230	SERVICIOS RADIOFONICOS DEL ESTE, S.A.
231	SISTEMA NACIONAL DE RADIODIFUSION, C. POR A.	232	SOCIEDAD DIFUSORA DEL CIBAO
233	SONIDO 95, C. POR A.	234	SONIDO HIGUEYANO S.A.

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

DOM	Dominican Rep.		
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	

A	MINISTERIO PARA LA TRANSFORMACIÓN DIGITAL Y DE LA FUNCIÓN PÚBLICA SECRETARÍA DE ESTADO DE TELECOMUNICACIONES E INFRAESTRUCTURAS DIGITALES SUBDIRECCIÓN GENERAL DE PLANIFICACIÓN Y GESTIÓN DEL ESPECTRO RADIOELÉCTRICO C/ POETA JOAN MARAGALL, 41 - PLANTA 9 28071 MADRID EMAIL: coordinacionRTV@digital.gob.es (for terrestrial services) EMAIL: servicios.espaciales@digital.gob.es (for space services) TELEFAX: +34 91 346 2229 TELEX: 052244100 GENTEL E PHONE: +34 913 462 325		
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
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.	138	XOOPLE, S.L.
139	FUNDACIÓ PRIVADA I2CAT, INTERNET I INNOVACIÓ DIGITAL A CATALUNYA	140	ALÉN SPACE
141	PERSEI SPACE S.L.	142	ORBITAL PARADIGM S.L.
143	DENOMINACIÓN SOCIAL: UARX SPACE S.L.		

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

EGY	Egypt		
A	NATIONAL TELECOMMUNICATION REGULATORY AUTHORITY (NTRA) BUILDING B4 SMART VILLAGE, K 28 CAIRO-ALEXANDRIA DESERT ROAD GIZA EGYPT TELEFAX: +202 3534 4155 / 4104 PHONE: +202 3534 4124		
B	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S - 102 49 STOCKHOLM TELEFAX: +46 8 678 5500 TELEX: 054 40777 RADCON S		
C	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSİZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA, TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR		
D	UNITED NATIONS FOR THE ATTENTION OF THE CHIEF OF TELECOMMUNICATIONS OPERATIONS SECTION ROOM S2035 NEW YORK NY10017 UNITED STATES TELEFAX: +1 212 9631939 TELEX: 023289696		
E	THE CHAIRMAN AND DIRECTOR GENERAL SUDAN TELECOMMUNICATIONS CORPORATION MINISTRY OF TRANSPORT AND COMMUNICATIONS KHARTOUM TELEX: 299 / GENTEL KM		
F	EXTERNAL RELATIONS DEPARTMENT MINISTRY OF COMMUNICATIONS KUWAIT TELEX: 0496 US PTT 22197 KT		
G	POST AND TELEGRAPHS TELECOM INSPECTORATE ISLANDS BRYGGE 81 DK - 2300 KOBENHAVN S TELEX: 31100 TELIN DK		
H	THE DIRECTOR-GENERAL TELECOMMUNICATIONS CORPORATION P.O. BOX 1689 AMMAN TELEX: 21221 JORTEL JO		
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
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	028	THE EGYPTIAN SPACE AGENCY

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

EQA	Ecuador

A SR. PRESIDENTE DEL CONATEL
CONSEJO NACIONAL DE TELECOMUNICACIONES
AV. DIEGO ALMAGRO N31-95 Y ALPALLANA
CASILLA POSTAL 17-07-9777
EDIFICIO ZEUS
QUITO
EQUATEUR
EMAIL: conatel1@conatel.gov.ec
PHONE: +593 2 2225614
TELEFAX: +593 2 2505 119

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
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

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

EQA	Ecuador		
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
242	RADIO LA VOZ DE ESMERALDAS	243	RADIO PORTENA
244	RADIO LA VOZ DEL NORTE	245	RADIO ECOS DE CAYAMBE
246	BARNARD AND BURK	247	RADIO VARIEDADES
248	RADIO LA VOZ DE LOS LLANGANATES	249	RADIO OTAVALO
250	RADIO UNO	251	RADIO COLOSAL
252	RADIO LA VOZ DE LA PENINZULA	253	RADIO LA VOZ DEL DORADO
254	RADIO LA VOZ DE SAN LORENZO	255	RADIO PUNTO
256	RADIO CARACOL	257	RADIO LA VOZ DEL GUABO
258	RADIO CENTRO RADIOFONICO SIDERAL	259	RADIO LUBACAN
260	RADIO ECOS CULTURALES DE URCUQUI	261	RADIO LA VOZ DE LA JUVENTUD
262	RADIO LA VOZ DE LA NACIONALIDAD	263	RADIO ESTACION DE LA ALEGRIA

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

EQA	Ecuador
264	RADIO ONDAS DE LA LIBERTAD
266	RADIO VIRACOCOA
268	ECUVIA ORIENTE
270	J. VICENTE CALDERON
272	EXPORATADORA BANANERA NOBOA S.A.
274	COMISION DE TRANSITO DEL GUAYAS
276	COMPANIA ECUATORIANA DE TE C.A.
278	ARTURO GANGOTENA
280	JUAN ESCOBAR PALLARES
282	DIRECCION NACIONAL DEL BANANO
284	DESTILERIA LA PLAYA
286	AGRICOLA ACAPULCO SOCIEDAD EN PREDIOS RUSTICOS
288	MISION COMBONIANA
290	CARLOS PENA M.
292	POLICIA DE ADUANA
294	ORIENCO
296	RICARDO NOBOA ESTUPINAN
298	RUBBER COMPANY
300	POOL AMERICAS INC
302	FERNANDO ORTEGA
304	MISION JOSEFINA
306	CHAPAS Y MADERAS
308	ECUATORIANA DE TRANSPORTE
310	PREFECTURA APOSTOLICA DE GALAPAGOS
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
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	ATOMECH
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.
ERI	Eritrea

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001 ERITREAN POST AND TELECOMMUNICATIONS
AUTHORITY
005 ERITREAN AIRFORCE
007 MINISTRY OF AGRICULTURE
009 THE LUTHERAN WORLD FEDERATION
012 KALEHIWET CHURCH OF ERITREA
014 MINISTRY OF MINES ENERGY AND WATER
RESOURCE

004 ERITREAN AIRLINES
006 DESERT LOCUST CONTROL
008 MINISTRY OF INFORMATION AND CULTURE
011 INTEGRATED FOOD SECURITY PROJECT
013 SUDAN AIRWAYS
015 NORWEGIAN ASSOCIATION OF THE BLIND AND
PARTIALLY SIGHTED, ERITREA

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

ERI	Eritrea		
016	FRENCH CONSULATE	017	ERITREAN POLICE FORCE
018	ERITREAN NAVY	020	ERITREAN RELIEF AND REHABILITATION AGENCY
021	COMMISSION FOR ERITREAN REFUGEE AFFAIRS	022	MINISTRY OF MARINE RESOURCES
023	VOICE OF THE BROAD MASSES OF ERITREA	025	MINISTRY OF CONSTRUCTION, ROAD TRANSPORT
026	ERITREAN ELECTRIC AUTHORITY	027	BRITISH CONSULATE
028	ERITREAN SHIPPING LINES	029	MINISTRY OF EDUCATION
030	POST AND MARINE TRANSPORT AUTHORITY	031	CIVIL AVIATION AUTHORITY
040	CUSTOMS HEAD OFFICE	043	NATIONAL ENGINEERS AND CONTRACTORS
048	NATIONAL TRANSPORT CORPORATION		

EST	Estonia

- A** CONSUMER PROTECTION AND TECHNICAL REGULATORY AUTHORITY
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REPUBLIC OF ESTONIA
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- | | | | |
|------------|--|------------|---|
| 001 | INSPECTION OF TELECOMMUNICATIONS | 002 | ESTONIAN NATIONAL AVIATION BOARD |
| 003 | ESTONIAN TELEPHONE COMPANY LTD. | 004 | DEPARTMENT OF COMMUNICATIONS, STATE CHANCELLERY |
| 006 | STATE ENTERPRISE EESTI ENERGIA | 007 | ESTONIAN NATIONAL MARITIME BOARD |
| 008 | HIJU COUNTY GOVERNMENT | 009 | ESTONIAN MOBILE TELEPHONE COMPANY LTD. |
| 010 | ESTONIAN BOARD OF BORDER GUARD | 011 | RADIOLINJA EESTI LTD. |
| 012 | RITABELL AS | 014 | REVAL AUTO AS |
| 015 | AS SAKSA AUTO | 016 | INPASS EESTI AS |
| 017 | DATA TELECOM LTD | 018 | AA-SAT PROFESSIONAL OU |
| 020 | UNION OF ESTONIAN LOCAL BROADCASTERS | 021 | DOW JONES MARKETS SWEDEN AB, ESTONIAN BRANCH OFFICE |
| 022 | KENSTSMIDE EESTI AS | 023 | BB INVEST |
| 024 | AS KALEV | 025 | AS GREKOND |
| 026 | US Embassy | 027 | Netcom Services SA |
| 028 | Office of the delegation of the European Commission | 029 | Embassy of Sweden |
| 030 | EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA IN THE REPUBLIC OF ESTONIA | 031 | UNIVERSITY OF TARTU |
| 032 | SPACEIT OÜ | 033 | KAPPAZETA OÜ |
| 034 | LEVIRA AS | | |

ETH	Ethiopia

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- C** THE CHAIRMAN AND DIRECTOR GENERAL
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KHARTOUM
TELEX: 299 / GENTEL KM
- D** THE MANAGING DIRECTOR
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TELEX: 098861064 UGINTEL UG

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

ETH	Ethiopia

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 003 ETHIOPIAN TOURIST ORGANIZATION 005 ETHIOPIAN AIRFORCE 007 MINISTRY OF AGRICULTURE AND SETTLEMENT 009 ETHIOPIAN ROAD AUTHORITY 011 WENGI SUGAR COMPANY 013 ETHIOPIAN WATER AUTHORITY 015 RURAL PROJECT AGENCY 017 ETHIOPIAN POLICE FORCE 019 SAIDE 021 AWASH VALLEY AUTHORITY 023 VOICE OF REVOLUTIONARY ETHIOPIA 025 STATE FARMS AUTHORITY 027 EMBASSY OF THE REPUBLIC OF THE SUDAN 029 EDUCATIONAL MASS MEDIA SERVICE 031 RELIEF AND REHABILITATION COMMISSION 033 KENYA POLICE 035 WILD LIFE CONSERVATION ORGANIZATION DEPARTMENT 037 UNITED NATIONS 039 VOE 041 MINISTRY OF INTERIOR 043 NATIONAL ENGINEERS AND CONTRACTORS 045 MEKANISA WORKSHOP 047 ADDIS ABABA BANK 049 NATIONAL METEOROLOGICAL SERVICE AGENCY 051 AMHARA MASSMEDIA AGENCY 053 DIRE DAWA MASSMEDIA AGENCY 055 CAPACITY BUILDING BUREAU	002 AIR TRANSPORT AUTHORITY 004 ETHIOPIAN AIRLINES 006 DESERT LOCUST CONTROL 008 ETHIOPIAN WOODWORKS 010 ETHIOPIAN NEWS AGENCY 012 ETHIOPIAN ARMY 014 MINISTRY OF MINES ENERGY AND WATER RESOURCE 016 ENGINEERING SERVICE CO. 018 ETHIOPIAN NAVY 020 FIELD SERVICE 022 DEPARTMENT OF MARINE 024 MISSIONARY AVIATION FELLOWSHIP 026 ETHIOPIAN ELECTRIC LIGHT AND POWER AUTHORITY 028 MINISTRY OF PUBLIC HEALTH 030 ADAMS AIR SERVICE 032 ETHIOPIAN CEMENT FACTORY 034 ETHIOPIAN MAPING AGENCY 036 CHRISTIAN MISSIONARY FELLOWSHIP 038 GOUVERNEMENT DE LA SUEDE 040 CUSTOMS HEAD OFFICE 042 DIPLOMATIC MISSIONS 044 WORLD VISION ETHIOPIA 046 SPECIAL CABINET 048 NATIONAL TRANSPORT CORPORATION 050 ADDIS ABABA MASSMEDIA AGENCY 052 ETHIOPIAN RADIO ENTERPRISE 054 OROMIA MASSMEDIA AGENCY 056 RADIO FANA

F	France

- A** MONSIEUR LE DIRECTEUR GENERAL
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HELSINKI
- C** DEPARTMENT OF STATE,
WASHINGTON D.C. 20520
- D** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

F	France		
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 EUROPE SAS
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	SAFRAN DATA SYSTEMS	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	131	DARK
132	UNIVITY	133	SPACELOCKER
134	GLOBALSTAR FRANCE SAS		
FIN	Finland		

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

FIN	Finland		
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	039	REORBIT LTD.
FJI	Fiji		

FJI	Fiji

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- 002** DEPARTMENT OF POSTS AND
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- 005** ROYAL FIJI POLICE FORCES
- 008** FIJI INTERNATIONAL TELECOMMUNICATIONS
LTD. SUVA
- 030** DEPARTMENT OF CIVIL AVIATION
- 033** MINISTRY OF AGRICULTURE, FISHERIES AND
FORESTS
- 035** DEPARTMENT OF MARINE
- 004** ROYAL FIJI MILITARY FORCES
- 006** FIJI BROADCASTING COMMISSION
- 029** NANDI AIRPORT ADMINISTRATION
- 031** AIR PACIFIC LTD
- 034** PRIVATE
- 036** DEPARTMENT OF MINERAL RESOURCES

FLK	Falkland Islands (Malvinas)

- A** THE POSTMASTER,
GENERAL POST OFFICE
PORT STANLEY
- B** COLONIAL SECRETARY
PORT STANLEY
- C** INTERNATIONAL FREQUENCY COORDINATION
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- 001** COLONIAL SECRETARY, PORT STANLEY
- 003** U.K. GOVERNMENT
- 005** MET. OFFICE PORT STANLEY
- 007** THE PROUDMAN OCEANOGRAPHIC LABORATORY
- 002** FALKLAND ISLANDS GOVT.
- 004** CABLE AND WIRELESS PLC
- 006** BRITISH ANTARTIC SURVEY

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

FRO	Faroe Islands

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FSM	Micronesia

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B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001 U.S. GOVERNMENT

G	United Kingdom

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001 UNITED KINGDOM GOVERNMENT
003 RADIOCOMMUNICATIONS AGENCY, DEPARTMENT
OF TRADE AND INDUSTRY
005 METROPOLITAN POLICE, LONDON
007 MEDWAY CONSERVANCY BOARD
009 NORTH SEA SUN OIL CO. LTD, LONDON

011 B SKY B.
013 RACAL LTD.

002 BRITISH TELECOM
004 BRITISH BROADCASTING CORPORATION

006 ISLE OF MAN BROADCASTING COMMISSION
008 STATES OF ALDERNEY
010 STATES TELECOMMUNICATIONS BOARD, P.O.
BOX NO. 3, ST. PETER PORT GUERNSEY CI
012 STATE OF JERSEY
014 TRINITY HOUSE, LONDON, E.C.3

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

G	United Kingdom
015	COMMISSIONERS OF NORTHERN LIGHTHOUSES, EDINBURGH
017	RIVER WEIR COMMISSIONERS, SUNDERLAND
019	IRISH LIGHTS COMMISSIONERS, DUBLIN
021	HUMBER CONSERVANCY BOARD, HULL
023	MERSEY DOCK AND HARBOUR BOARD, LIVERPOOL
025	RUTHERFORD AND APPLETON LABORATORY CHILTON, DIDCOT OXFORD OX11 0QX
027	MINISTRY OF TRANSPORT, LONDON
029	ROYAL NATIONAL LIFEBOAT INSTITUTION, NATIONAL TRANSCOMMUNICATIONS LTD.
031	ORMSTON TECHNOLOGY LTD., HULL
034	INDEPENDENT TELEVISION COMMISSION
036	ASSOCIATED TV LTD.
041	RELAY EXCHANGES LTD.
050	EMBASSY OF THE REPUBLIC OF THE SUDAN
054	CAMBRIDGE UNIVERSITY
056	BRITISH PETROLEUM LTD
058	AMOCO (UK) EXPLORATION CO.
060	CHICHESTER HR CONSERVANCY
062	DEVON COUNTY COUNCIL
064	SHELL (UK)
066	UNION OIL COMPANY
068	NORTH SCOTLAND HYDRO-ELECTRIC BOARD
070	MERCURY COMMUNICATIONS LTD.
072	TOTAL OIL MARINE PLC, LONDON
074	BNSC - GWYNEDD LOCAL EDUCATION AUTHORITY
076	INMARSAT GLOBAL LIMITED
078	BRITISH NATIONAL SPACE CENTRE, LONDON SW1
080	U.S. GOVERNMENT
082	BRIGHTSTAR COMMUNICATIONS LTD
084	MAXAT, LONDON
086	SINO MERCHANT HOLDINGS LIMITED (SMHL)
088	ASC (GIB) LTD, LONDON
090	MATRA MARCONI SPACE UK LTD
092	UNIVERSITY OF ESSEX
094	HEREFORD & WORCESTER
096	EDINBURGH COLLEGE OF ART
098	CITY OF BATH COLLEGE
100	ASSOCIATED CO-OP CREAMERIES
102	FIFE COLLEGE OF FURTHER EDUCAT
104	PORTSMOUTH POLYTECHNIC
106	EAST MIDLANDS ELECTRICITY PLC
108	EASTERN ELECTRICITY
110	DERBY UNIVERSITY
112	YORKSHIRE ELECTRICITY GROUP
114	EUROBELL
116	NORTHERN IRELAND WATER EXEC
118	TORRIDGE DISTRICT COUNCIL
120	NORFOLK CONSTABULARY
122	MIDLANDS ELECTRICITY PLC
124	RUNSHAW COLLEGE
126	GOVT COMMUNICATIONS BUREAU
128	SOUTH WEST WATER
130	THAMES WATER UTILITIES
132	ACC LONG DISTANCE UK LTD
134	STRATHCLYDE BUSES
136	STRATHCLYDE WATER
138	ELF ENTERPRISE CALEDONIA LTD
140	TEES AND HARTLEPOOL PORT AUTH.
142	WIRRAL METROPOLITAN COLLEGE
144	GRAMPIAN REGIONAL COUNCIL
146	KENT COUNTY COUNCIL
148	BP EXPLORATION
150	CABLETEL
152	KEELE UNIVERSITY
154	MOD FARNBOROUGH
156	WEST MIDLANDS AMBULANCE
016	DUNDEE HARBOUR TRUST, DUNDEE
018	TEES CONSERVANCY COMMISSION, MIDDLESBOROUGH
020	CLYDE LIGHTHOUSE TRUST, GLASGOW
022	TYNE IMPROVEMENT COMMISSION,NEWCASTLE-ON-TYNE
024	COMMISSIONERS OF NORTHERN LIGHTHOUSES, EDINBURGH AND TRINITY HOUSE, LONDON
026	STATES OF JERSEY HARBOUR AND AIRPORT DEPT., JERSEY
028	LIFEBOAT AND LIGHTHOUSE AUTHORITIES
030	CIVIL AVIATION AUTHORITY
032	SOUTHAMPTON HARBOUR BOARD
033	PORT OF LONDON AUTHORITY
037	ANTARTIC SURVEY
042	BRIGHTON MARINA COMPANY
051	SWEDISH GOVERNMENT
055	MANCHESTER UNIVERSITY
057	EMBASSY OF THE REPUBLIC OF TURKEY
059	CONOCO EUROPE LTD.
061	PHILLIPS PETROLEUM LTD.
063	ACHARACLE COMMUNITY COUNCIL
065	VARIOUS OIL COMPANIES (SHARED)
067	AIR CALL LTD.
069	SEVERN TRENT WATER AUTHORITY
071	HAMILTON BROS
073	EASTERN GAS BOARD
075	BNCS- BANGOR UNIVERSITY
077	BRITISH AEROSPACE
079	BRITISH TELECOM INTERNATIONAL, LONDON EC4
081	BRITISH AEROSPACE, STEVENAGE, HERTS
083	PLYMOUTH UNIVERSITY
085	MAXWELL COMMUNICATIONS LTD
087	I-CO GLOBAL COMMUNICATIONS (OPERATIONS) LIMITED
089	ETOILE LIMITED (PACIFIC CENTURY GROUP COMPANY)
091	SES SATELLITES (GIB) LTD
093	MICROCELL LINKS LIMITED
095	BT
097	MID-GLAMORGAN AMBULANCE SVS
099	MICROTEL PCN
101	MERCURY ONE-2-ONE
103	BRITISH GAS WEST MIDLANDS
105	NATIONAL LIBRARY OF SCOTLAND
107	POST OFFICE IT
109	SCOTTISH TELECOM
111	NUCLEAR ELECTRIC PLC
113	CIVIL AVIATION AUTHORITY
115	NORTHAMPTON POLICE
117	WIGAN MET BOROUGH COUNCIL
119	BRITISH GAS PLC
121	SOUTHERN ELECTRICITY PLC
123	NORVILLE OPTICAL CO
125	BUSINESS DEVELOPMENT SERVICE
127	NORTHERN IRELAND POLICE AUTH.
129	N. IRELAND ELECTRICITY PLC
131	PETERLEE COLLEGE
133	NORWEB COMMUNICATIONS
135	DEVON AND CORNWALL POLICE
137	IONICA L3 LTD
139	PETERBOROUGH HOSPITAL NHS
141	DYFED POWYS POLICE
143	SOUTH WALES ELECTRICIY
145	TORCH TELECOM
147	GRAMPIAN FIRE BRIGADE
149	BR TELECOMMUNICATIONS LTD
151	RAILTRACK GREAT WESTERN PLC
153	ATLANTIC TELECOMMUNICATIONS LD
155	SWEB TELECOMS
157	TANET LTD
159	OXFORDSHIRE AMBULANCE SERVICE

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

G	United Kingdom		
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
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	ASTRA (GB) 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	230	CRAFT PROSPECT LTD
231	SUPERSHARP SPACE SYSTEMS LIMITED	232	CANARYSAT UK LTD

GAB	Gabon	

- A** AUTORITE DE REGULATION DES COMMUNICATIONS ELECTRONIQUES ET DES POSTES (ARCEP)
BP 50000
LIBREVILLE
GABON
PHONE: +241 011446811
- B** AGENCE NATIONALE DES INFRASTRUCTURES NUMERIQUES ET DES FREQUENCES (ANINF)
BP 798
LIBREVILLE
GABONAISE
TELEFAX: +241 747168
TELEX: 0973 POSTEL 5220 GO
PHONE: +241 011795277
- | | | | |
|------------|---|------------|---|
| 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 |

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

GCA	United Kingdom (Non-metropolitan) - Region 1

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

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

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

GHA	Ghana

A MINISTRY OF COMMUNICATIONS AND DIGITALIZATION
P.O. BOX M38
ACCRA
GHANA
PHONE: +233 302 666 465
EMAIL: info@moc.gov.gh

B NATIONAL COMMUNICATIONS AUTHORITY
No. 6 AIRPORT CITY
P.O. BOX CT 1568 CANTONMENTS
ACCRA
GHANA

EMAIL: info@nca.org.gh
PHONE: +233 302 771 701
PHONE: +233 302 776 621

001 POLICE
003 GHANA PUBLIC RELATIONS OFFICE

005 POSTS AND TELECOMMUNICATIONS DEPT.
007 MANKOADZE FISHERIES LTD.

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

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

GHA	Ghana		
009	D.C.A. (DEPARTMENT OF CIVIL AVIATION)	010	METEOROLOGICAL DEPARTMENT
011	GHANA BROADCASTING SERVICE	012	STAR-KIST INTERNATIONAL S.A.
013	TRADE REPRESENTATIVE OF THE GERMAN DEMOCRATIC REPUBLIC	014	GOVERNMENT OF GHANA
015	POLISH EMBASSY	016	BAPTIST MEDICAL CENTRE
017	A. KASSARDJIAN LTD.	018	BIBIANI LOGGING AND LUMBER CO. LTD.
019	GHANA RAILWAY AND HARBOURS	020	GULF EASTERN COMPANY
021	GOVERNMENT TRANSPORT DEPARTMENT	022	EMBASSY OF THE U.S.S.R.
023	Y.H. GASSOUB AND CO.	024	EMBASSY OF ISRAEL
025	EMBASSY OF YUGOSLAVIA	026	PARKINSON HOWARD LTD.
027	CZECHOSLOVAK LEGATION	028	AFRICAN TIMBER PLYWOOD, SAMBREBOI
029	BRITISH ALUMINIUM LTD., AWASO	030	STANDARD ELECTRIC CO.
031	UNITED AFRICAN CO., GHANA	032	MOBIL OIL GHANA LTD., ACCRA
033	R.T. BRISCOE (GHANA) LTD.	034	EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA
035	SWISS LUMBER COMPANY	036	UNIVERSITY COLLEGE OF GHANA
037	GLIKSTEN (WEST AFRICA) LTD.	038	CONSOLIDATED AFRICAN SELECTION TRUST LTD.
039	MINISTRY OF FOOD AND AGRICULTURE FISHERIES DIVISION	040	U.S. EMBASSY, ACCRA
041	UNITED GHANA FARMERS' COUNCIL	042	VOLTA RIVER AUTHORITY
043	EMBASSY OF THE PEOPLE'S REPUBLIC OF BULGARIA	044	EMBASSY OF THE HUNGARIAN PEOPLE'S REPUBLIC
045	GHANA RADIO AND T.V. CORP.	046	JOINT VENTURE LOWER VOLTA BRIDGE
047	LOVER VOLTA IRRIGATION DEVELOPMENT	048	A. LANG LTD.
049	PHILIPS TELECOMMUNICATIONS	050	MINISTRY OF FUEL AND POWER
051	EMBASSY OF THE DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA	052	GHANA NEWS AGENCY
053	MIM. TIMBER CO. LTD.	054	ASHANTI GOLDFIELDS CORPORATION LTD.
055	GHANA AIR FORCE	056	GHANA CONSOLIDATED MACHINERY AND TRADING COMPANY LTD.
057	STAR FISHERIES LIMITED	058	SOCIETE COMMERCIALE DE L'OUWEST AFRICAIN
059	GAME AND WILDLIFE DEPARTMENT	060	JOHN BITAR AND CO. LTD.
061	STANDARD BANK OF W.A. LTD	062	BISCAY FISHERIES LIMITED
063	OCEAN FISHERIES LIMITED	064	UNITED CHURCH BOARD FOR WORLD MINISTRIES
065	BROTHERS OF ST. JOHN OF GOD	066	BANK OF GHANA
067	GHANA NATIONAL TRADING CORPORATION	068	PFIZER LTD. ACCRA
069	S.C.M.B. (COCOA MARKETING BOARD)	070	AFRICAN MANGANESE CO.
071	GEOLOGICAL SURVEY DEPT.	072	EMBASSY OF CONGO KINSHASA
073	VANOLY CO. LTD.	074	EVANGELICAL LUTHERAN CHURCH
075	EJURA FARM GHANA LTD.	076	E.O. AGYEMANG (LOGGING)
077	WATER RESOURCES RESEARCH UNIT	078	A.G. TIMBERS AND TRADING COY.
079	JUAPONG TEXTILES LTD.	080	GHANA INSTITUTE OF AQUATIC BIOLOGY
081	GHANA PRISON SERVICE	082	GEO PRODUCTS LTD.
083	GHANA COMMERCIAL BANK	084	GHANA WATER AND SEWERAGE CORP.
085	EMBASSY OF FEDERAL REPUBLIC OF GERMANY	086	NKAWKAW SAWMILL LTD.
087	PAN TIMBERS LTD.	088	NYAME BEKYERE SAWMILL LTD.
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 PHARMACEUTICALS
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.		

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

GIB	Gibraltar

- A** THE CHIEF EXECUTIVE
GIBRALTAR REGULATORY AUTHORITY
2nd FLOOR, EUROTOWERS 4
1 EUROPORT ROAD
GIBRALTAR GX11 1AA
PHONE: +350 20074636
EMAIL: info@gra.gi
TELEFAX: +350 20072166
- 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	EAZITELECOM LTD	011	GIBFIBERSPEED LTD

GLP	Code to be used to indicate geographical area on or after 15.04.2010 designating Guadeloupe (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 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	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

GMB	Gambia

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

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

GMB	Gambia

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
004 GAMBIA GOVERNMENT
007 GAMBIA POLICE FORCE
010 S. MADI, LTD.
012 BRITT WADNER, BATHURST

002 CABLE AND WIRELESS LIMITED, LONDON
005 AGRICULTURAL DEPT. GAMBIA
008 UNITED AFRICA COMPANY LTD.
011 GAMBIA OILSEEDS MARKETING BOARD
013 MINISTRY OF INFORMATION BROADCASTING

GNB	Guinea-Bissau

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 SERVICIO DE AERONAUTICA CIVIL
003 SERVICOS T. AEREOS

005 MINISTERIO DA MARINHA
007 POLICIA INTERNACIONAL DE DEFESA DE
ESTADO
009 RADIODIFUSAO NACIONAL DA GUINE-BISSAU,
BISSAU
011 SWEDISH GOVERNMENT
013 GUIALP

002 POSTES, TELEGRAPHES ET TELEPHONES
004 C.E.C.T., CP200-
BISSAU, TELEPOSTAL, BISSAU
006 FORCA AEREA
008 DIR. AERONAUTICA CIVIL, BISSALANCA -
BISSAU
010 ESTRELA DO MAR, CP306-BISSAU

012 C.E. TRANSPORTE E TURISMO
014 SEMA PESCA

GNE	Equatorial Guinea

A MINISTERIO DE TRANSPORTES, TECNOLOGIA, CORREOS Y
TELECOMUNICACIONES
DIRECCION GENERAL DE CORREOS Y TELECOMUNICACIONES
MALABO
TELEFAX: +240 92919
TELEX: 0999 5405 GBNOM EG

001 AEROPUERTO MALABO
003 SERVICIO NACIONAL DE
TELECOMUNICACIONES

002 AEROPUERTO BATA

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

GRC	Greece

A MINISTRY OF DIGITAL GOVERNANCE
GENERAL SECRETARIAT OF TELECOMMUNICATIONS AND POST
11, FRAGOUDI & AL. PANTOU ST.
ATHENS, 10163
GREECE
PHONE: +30 210 909 88 53
TELEX: 0601 216369 YSYG GR
EMAIL: ddyde@mindigital.gr

001	O.T.E.	002	RADIODIFFUSION - TELEVISION HELLENIQUE (ERT)
003	EMBASSY OF THE REPUBLIC OF TURKEY	004	SWEDISH GOVERNMENT
005	THE HELLENIC NAVY COMMAND ATHENS	006	HELENIC CIVIL AVIATION AUTHORITY
007	OBSERVATOIRE NATIONAL ATHENES	008	HEL COAST GUARD
009	DEPARTMENT OF STATE, WASHINGTON	010	SERVICE DE RADIODIFFUSION - TELEVISION DE FORCES ARMEES DE GRECE
011	USICA	012	MINISTERE DE LA DEFENSE NATIONALE
020	NATIONAL TELECOMMUNICATIONS AND POST COMMISSION - EETT	301	VODAFON PANAFON S.A.
302	WIND HELLAS TELECOMMUNICATIONS	303	COSMOTE MOBILE COMMUNICATION S.A.
305	NOVA TELECOMMUNICATIONS S.A.	307	ANTENNA SATELLITE S.A.
308	UNITEL HELLAS S.A.	309	KB IMPULS HELLAS S.A.
310	TELESPAZIO S.P.A.	311	COM-TO NET S.A.
312	HELLAS-SAT CONSORTIUM LIMITED	313	EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA
314	EMBASSY OF THE REPUBLIC OF IRAQ	315	KONGSBERG SATELLITE SERVICE S.A. (KSAT)
316	SES S.A.	317	INMARSAT GLOBAL LTD.
318	TECHNICAL UNIVERSITY OF CRETE (TUC)	319	NATIONAL TECHNICAL UNIVERSITY OF ATHENS (NTUA)
320	O3B LIMITED	321	LIBRE SPACE FOUNDATION NPCP
322	HELLENIC NATIONAL METEOROLOGICAL SERVICE	323	ARISTOTLE UNIVERSITY OF THESSALONIKI (AUTH)
324	EMBASSY OF THE RUSSIAN FEDERATION	325	KUIPER SYSTEMS LLC
326	EUTELSAT GREECE SP	327	AMAZON KUIPER GREECE SP
328	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS (UOA)	329	DEMOCRITUS UNIVERSITY OF THRACE (DUTH)
330	EMTECH SPACE S.A.	331	PRISMA ELECTRONICS S.A.
332	PLANETEK HELLAS LLC	333	HELLENIC AVIATION SERVICE PROVIDER (HASP)
334	ORORATECH SINGLE MEMBER P.C.	335	ICEYE GREECE SINGLE MEMBER P.C.
336	OPEN COSMOS AEGEAN SINGLE MEMBER P.C.		

GRD	Grenada

A PERMANENT SECRETARY
MINISTRY OF COMMUNICATIONS AND WORKS
CALIZIGNY
ST. GEORGE'S
TELEFAX: +1 473 440 4122
TELEX: 0395 3418 MINFIN GA

001	WINDWARD ISLANDS BROADCASTING SERVICE	002	GOVERNOR OF THE WINDWARD ISLANDS
003	INTERNATIONAL AERADIO (CARIB) LIMITED	004	CABLE AND WIRELESS (W.I.) LTD., LONDON

GRL	Greenland

A 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)

GRL	Greenland		
B	THE DIRECTOR GENERAL RADIOCOMMUNICATIONS AND BROADCASTING REGULATORY BRANCH INDUSTRY CANADA 300 SLATER STREET OTTAWA, ONTARIO K1A 0C8 TELEX: 021 053 4123 comtel ott		
001	MINISTRY FOR GREENLAND	002	MINISTERE DE LA DEFENSE, COPENHAGUE
003	DIRECTION DE L'AVIATION CIVILE, COPENHAGUE	004	SERVICE PHARES ET BALISES, COPENHAGUE
005	DEN KONGELIGE GRONLANDSKE HANDEL	006	DANISH ARCTIC CONTRACTORS
007	KRYOLITSSELSKABET OERESUND A/S	008	DET STORE NORDISKE TELEGRAF, SELSKAB
009	NORDAFAR FAERINGEHAVN	010	GROENLANDSFYLY A.S. GODTHAAB
011	THULE AIR BASE		

GTM	Guatemala		
A	SUPERINTENDENCIA DE TELECOMUNICACIONES 14 CALLE 3-51, ZONA 10 EDIFICIO MURANO CENTER, NIVEL 16 CIUDAD DE GUATEMALA 01010 GUATEMALA PHONE: +502 2366 5800 TELEFAX: +502 2366 5890		
003	RADIO NUEVO MUNDO	004	RADIO CULTURA
006	LA VOZ DE LAS AMERICAS	013	LA VOZ DE QUEZALTENANGO
014	RADIO INTERNACIONAL	015	LA VOZ DE GUATEMALA
016	EDIFICIO GALERIAS ESPANA	017	EMPRESA GUATEMALTECA DE AVIACION, AVIATECA
023	RADIO CONTINENTAL	024	CENTRAL DISTRIBUIDORA CIA. LTDA.
025	ALGODONERA LA HORQUETA LTDA	026	DIRECCION GENERALE DE LA RADIODIFFUSION
027	TROPICAL RADIO TELEGRAPH CO.	028	EMPRESA AGRICOLA ZIMERI
030	BERTACCHI Y CIA LTDA., GUATEMARMOL	032	NELLO L TEER CO. OF CENTRAL AMERICA INC.
034	MANUEL JOHNSTON	036	J.A. GONZALEZ ANDRADE "RADIO EL CAMPO"
037	GERARDO HURTADO AGUILAR "RADIO XELAJU"	038	ENRIQUE FERNANDO BOPPEL ROSA
039	COMPANIA GUAT. DE MAQUINARIA	040	EQUIPOS ELECTRICOS DE GUATEMALA
041	RADIO LANDIVAR	042	RADIO HUNAPU
043	RADIO "PROGRESO" DE GUATEMALA	044	GUATEMALA LINE S.A. (MAYAN LINE)
045	CARIBBEAN LINE	046	TRANSPORTES GUATEMALA S.A.
047	CARLOS W. ELMENSHORST	048	WILLIAM IBARGUEN, FINCA, "SANTA ELISA"
049	ESCOLASTICO ORTEGA P.	050	SALINAS "SANTA ROSA"
051	YAM JO MACK	052	DIRECCION GENERAL DE CAMINOS
053	TACA INTERNATIONAL AIRLINES SA	054	AEROSERVICIOS DE EMERGENCIA
055	DIRECCION GENERAL DE AERONAUTICA CIVIL	056	LA VOZ DEL ATLANTICO
058	GUILLERMO GALAN PALOMO RADIO 1000	059	RADIO CORPORACION
060	FRANCISCO SOTO ARREAGA	061	EDGAR DE LEON VARGAS
062	PAN AMERICAN WORLD AIRWAYS INC.	063	INSTITUTO GUATEMALTECO DE SEGURIDAD SOCIAL
064	NAMCO INTERNACIONAL, INC.	065	IMPREGNADORA DE MADERA DE GUATEMALA S.A.
066	THOMPSON CORNWALL INC.	067	INGENIERO ALFREDO DELGADO
068	RUDI WEISSENBERG MARTINEZ	069	OCEANIC CONSTRUCTORS INC.
070	TRAGUA S.A.	071	RADIO AMERICA S.A.
072	GUSTAVO A. PIVARAL R.	073	OHIO OIL COMPANY OF GUATEMALA
074	BANCO DE OCCIDENTE	077	ESSO STANDARD OIL S.A.
078	ALFONSO LIU CHEOK.	079	W. E. DIESELDORFF
080	SIGNAL EXPLORACION DE GUATEMALA	081	ALGODONERA RETALTECA S.A.
082	FANJUL Y CIA	083	FABRICA DE SACOS "LA MAGDALENA"
084	IMPORTADORA GUATEMALTECA PRODUCTOS PEMEX	085	INDUSTRIA ELECTRICA LTDA.
086	CRUZ ROJA GUATEMALTECA	087	JULIO ARRIVILLAGA R.
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.

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

GTM	Guatemala		
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	FRATERO 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 VILELA	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. COMERICAL 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
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

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

GTM	Guatemala			
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)			
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	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			
A	AUTORITE DE REGULATION DES POSTES ET TELECOMMUNICATIONS (ARPT) QUARTIER ALMAMYA, COMMUNE DE KALOUM BP : 1500 CONAKRY / GUINEE PHONE: +224 657 666 631 EMAIL: contact@arpt.gov.gn TELEFAX: +224 30 451 896 TELEX: 099522107 POSTEL GE			
001	MINISTERE DE LA COMMUNICATION	002	MINISTERE DES TRANSPORTS	
003	SERVICE NATIONAL DE LA METEOROLOGIE	004	MINISTERE DE LA DEFENSE NATIONALE	
005	MINISTERE DE LA SECURITE ET DE LA PROTECTION CIVILE			

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

GUM	Guam

- A** FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU
ATTENTION: MR. RICHARD B. ENGELMAN
2000 M STREET
ROOM 868, STOP CODE #0800C
WASHINGTON DC 20554 / UNITED STATES OF AMERICA
TELEFAX: +1 202 418 1208 / 0398
TELEX: 025 via twx 710 822 0160
- B** DEPARTMENT OF STATE,
WASHINGTON D.C. 20520
- | | | | |
|------------|--|------------|---------------------------------------|
| 001 | RCA GLOBAL COMMUNICATIONS INC. | 002 | U.S. GOVERNMENT |
| 003 | COMSAT | 008 | US GOVERNMENT - GEN |
| 051 | US GOVERNMENT COAST GUARD | 230 | FEDERAL COMMUNICATIONS COMMISSION, BC |
| 310 | FEDERAL COMMUNICATIONS COMMISSION, PMA | | |

GUY	Guyana

- A** THE MANAGING DIRECTOR
NATIONAL FREQUENCY MANAGEMENT UNIT
68 HADFIELD STREET
D'URBAN PARK
GEORGETOWN
GUYANA
PHONE: +592 226 3976
TELEFAX: +592 226 7661
EMAIL: md@nfmu.gov.gy
- | | | | |
|------------|---|------------|--|
| 001 | GUYANA TELECOMMUNICATION CORPORATION | 002 | E. MCTURK |
| 003 | GUYANA, UNITED BROADCASTING CO., LIMITED | 004 | INTERNATIONAL AERADIO (CARIBBEAN) LIMITED |
| 005 | GUYANA AIRWAYS CORPORATION | 007 | INTERIOR DEPARTMENT |
| 008 | POLICE DEPARTMENT, GEORGETOWN | 009 | PILGRIM HOLINESS CHURCH |
| 010 | GUYANA BALADA LIMITED | 011 | MINISTRY OF WORKS AND HYDRAULICS |
| 012 | GUYUNI GOLDFIELDS, CO. | 013 | AGRICULTURE DEPARTMENT |
| 014 | RUPUNUNI DEV. CO. | 015 | TRANSPORT AND HARBOURS DEPARTMENT |
| 016 | REYNOLDS METAL CO. | 017 | MAHAICONY - ABARY RICE DEV. SCHEME |
| 018 | BOOKERS ESTATES LTD. | 019 | GUYANA INDUSTRIAL HOLDINGS LTD. |
| 020 | PRISONS DEPARTMENT | 021 | WILLEMS TIMBER AND TRADING COMPANY LIMITED |
| 022 | GREENHEART LUMBER CO. | 023 | GUYANA TIMBERS |
| 024 | GUYANA MISSION OF SEVENTH DAY ADVENTISITS | 025 | KLEMWOOD SAWMILLS |
| 026 | FREDERICK MAHAICA | 027 | BARACARA QUARRIES |
| 028 | CIVIL AVIATION | 029 | UNEVANGELIZED FIELDS MISSIONS |
| 030 | MISSIONARY AVIATION FELLOWSHIP | 031 | ROMAN CATHOLIC MISSION |
| 032 | THE CHIEF HYDROMETEOROLOGICAL OFFICER | 033 | GLOBAL AGRI INDUSTRIES LTD. |
| 034 | M.C. CORREIA HOLDINGS LTD. | 035 | GUYANA BAUXITE COMPANY |
| 036 | GUYANA ELECTRICITY CORPORATION | | |

HKG	Hong Kong (Special Administrative Region of China)

- 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

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

HKG	Hong Kong (Special Administrative Region of China)

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

A AUSTRALIAN COMMUNICATIONS AND MEDIA AUTHORITY
P.O. BOX 78
BELCONNEN ACT 2616
AUSTRALIA
TELEFAX: +61 2 6219 5353

001	TELECOM AUSTRALIA	002	BUREAU OF METEOROLOGY

HND	Honduras

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	010	UNIVERSIDAD NACIONAL AUTONOMA DE HONDURAS (UNAH)

HNG	Hungary

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

001	MINISTRY OF TRANSPORT, COMMUNICATIONS AND WATER MANAGEMENT	002	GOUVERNEMENT DE LA SUEDE
003	MAHART	004	MAGYAR RADIO
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

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

HNG	Hungary		
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 OLTOANY.TERM.ES GYOGYSZERGYARTO RT
063	HUNGARO DIGITEL TAVKOZLESI KFT.	064	HUNGAROTEL RT.
065	HYDROTEL KFT.	066	IM. BUNTETESVEGREHAJTAS ORSZAGOS PK.
067	JASZMEDIA Jaszszagi Informacios Kht.	068	KABAI CUKORGYAR RT.
069	KABEL-KOMPLEX KFT.	070	KALNET BT
071	KANDO KALMAN VILLAMOSIPARI MUSZAKI FOISK	072	KAPOSVAR VAROS ONKORMANYZATA
073	KELET RADIO KFT.	074	KLK UDULOSZALLOK IGAZGATOSAGA
075	KOROS-KABEL KFT.	076	KOZGAZDASAGTUDOMANYI EGYETEM
077	KULUGYMINISZTERIUM	078	LENTI VAROSI TELEVIZIO
079	MADACH IMRE MUVELODESI KOZPONT	080	MAGUS BT
081	MAGYAR TAVIRATI IRODA	082	MAGYAR TAVKOZLESI RT.
083	MAGYAR TELEVIZIO Rt.	084	MAGYAR VILLAMOS MUVEK
085	MAV Rt. TEBSZ-KFI-TFO BP BALPART	086	MEDIA MOHACS KFT.
087	MEDIA-6 RADIO ES TV Kft.	088	MEGA-CITY KERESK. SZOLG. KFT.
089	MICRO KOMMUNIKACIOS KFT.	090	MOL RT. TAVKOZLESI UZLETAG
091	MONOR TELEFON TARSASAG RT.	092	MULTI-COM Kft.
093	NEMZETI INFOR. INFRA. F. P. KOORD. IRODA	094	NEMZETI UZLETI FOISKOLA
095	NOKIA TELECOMMUNICATIONS KFT.	096	NOVACOM TAVKOZLESI KFT.
097	NYIREGYHAZI VAROSI TELEVIZIO Kht.	098	OBUDA TV KFT.
099	ORSZAGOS FELSOOKTATASI FELVETELI IRODA	100	OZDI VAROSI TELEVIZIO KOZHASZNU TARSASAG
101	P.R. IPARI,KERESKEDELMI es SZOLG. Bt.	102	PAKS VAROS ONKORMANYZATA
103	PANNON GSM TAVKOZLESI Rt.	104	PANTEL TAVKOZLESI ES KOMMUNIKACIOS RT.
105	PAPA ES TERSEGE TELEFON RT.	106	PARTNERCOM Rt.
107	PIAR STUDIO KFT.	108	PICK-UP Kft.
109	PIR KFT.	110	PROCTER & GAMBLE KFT.
111	PUCHARDT-SAT Kft.	112	RADIANT TERMELO, SZOLGALTATO ES KER. RT.
113	RADIO ANTRITT	114	RADIO BRIDGE
115	RADIO INFORUM KFT.	116	REVITA STUDIO KFT.
117	ROLITRON INFORMACIOS Kft.	118	SALGOTARJAN VAROS ONKORMANYZATA
119	SAMSUNG EL.HUNG.CO.LD	120	SEMMELWEIS ORVOSTUDOMANYI EGYETEM
121	SIEMENS TELEFONGYAR KFT.	122	SZAZHALOMBATTA VAROS ONKORMANYZATA
123	SZOLNOK TELEVIZIO Rt.	124	SZ-SZ-B MEGYEI ONKORMANYZAT SZ-B KORHAZA
125	SZTAR TV KFT	126	TANDEM 92
127	TELANT HIRADASTECHNIKAI KFT.	128	TELE-HALOZAT KFT
129	TELEKOM HIRADASTECHNIKAI KFT.	130	TELIN Kft.
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	ZALAEGRSZEGI VTV Kft.
141	VOLANCOM KFT.	142	EMBASSY OF USA
143	ORSZAGOS METEOROLOGIAI SZOLGALAT	144	UPC Sport
145	RÁDIÓSOK ORSZÁGOS EGYESÜLETE	146	EGRI KATOLIKUS RÁDIO ALAPÍTVÁNY
147	SZLOVEN RÁDIO 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.

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

HNG	Hungary		
157	KONKOLY OBSERVATORY	158	SZECHENYI ISTVAN EGYETEM TAVKOZLESI TANSZEK
159	4IG SPACE AND TECHNOLOGY ZRT		

HOL	Netherlands		
A	DUTCH AUTHORITY FOR DIGITAL INFRASTRUCTURE EMMASINGEL 1 P.O BOX 450 GRONINGEN, 9700 AL NETHERLANDS TELEFAX: +31 50 5877400 EMAIL: info@rdi.nl		
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		
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

HTI	Haiti		
A	MONSIEUR LE DIRECTEUR GENERAL DU CONSEIL NATIONAL DES TELECOMMUNICATIONS (CONATEL) 16, CITE DE L'EXPOSITION BICENTENAIRE BOITE POSTALE 2002 PORT-AU-PRINCE PHONE: +509 2222 0300 EMAIL: info@conatel.gouv.ht TELEFAX: +509 22 23 9229 / +509 2223 0579 TELEX: CONATEL 02030353		
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 AERIENNE
015	SERVICE TELEGRAPHES, TELEPHONES, RADIO	018	ESSO STANDARD OIL
021	MINES	022	CROIX ROUGE

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

HTI	Haiti
023 025	CIMENT D'HAITI EDUCATION
024	NATIONS UNIES ONU
HWA	Hawaii (State of)

- A** FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU
ATTENTION MR. RICHARD B. ENGELMAN
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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
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TELEFAX: +39 06 5914249
- 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
- E** NUOVA TELESPIAZIO S.P.A
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I-00156 ROMA
TELEX: 610654 TELEDIRO
- F** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
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- G** FEDERAL MINISTRY OF PUBLIC ECONOMY AND TRAFFIC
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ARSENAL, OBJEKT 22, POB 79
A-1103 WIEN / AUSTRIA
TELEX: 131 800 MONI A

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

I	Italy		
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.	138	OHB-ITALIA SPA
139	CRAS - CENTRO DI RICERCA AEROSPAZIALE - SAPIENZA UNIVERSITÀ DI ROMA	140	MINISTRY OF ENTREPRISE AND MADE IN ITALY

ICO	Cocos (Keeling) Islands		

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AUSTRALIA
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001 DEPARTMENT OF CIVIL AVIATION
003 DEPARTMENT OF TERRITORIES
005 FIRE FIGHTING SERVICES

002 OVERSEAS TELECOMMUNICATIONS COMMISSION
004 PRIVATE
006 BUREAU OF METEOROLOGY

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

IND	India

- A** WIRELESS ADVISER TO THE GOVT. OF INDIA
MINISTRY OF COMMUNICATIONS & IT
DEPARTMENT OF TELECOMMUNICATIONS
WIRELESS PLANNING AND COORDINATION WING
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- B** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
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- C** UNITED NATIONS
FOR THE ATTENTION OF THE CHIEF
OF TELECOMMUNICATIONS OPERATIONS SECTION
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UNITED STATES
TELEX: 023289696
- D** NATIONAL POST AND TELECOM AGENCY
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 054 40777 RADCON S
- E** THE UNDER SECRETARY
MINISTRY OF COMMUNICATIONS
KUWAIT
TELEX: 0496 US PTT 22197 KT

011 GOVERNMENT OF INDIA
013 EMBASSY OF THE REPUBLIC OF TURKEY

015 SWEDISH GOVERNMENT
017 DANISH GOVERNMENT
019 ORBITCONNECT INDIA PRIVATE LIMITED
021 K J SOMAIYA INSTITUTE OF TECHNOLOGY
023 PIXXELSPACE INDIA PRIVATE LIMITED
025 SJC INSTITUTE OF TECHNOLOGY
027 INDIAN INSTITUTE OF TECHNOLOGY MADRAS
029 AKSHATH AEROSPACE PRIVATE LIMITED

012 UNITED NATIONS
014 TATA INSTITUTE OF FUNDAMENTAL
RESEARCH, RADIO ASTRONOMY GROUP,
COLABA, BOMBAY-5
016 EMBASSY OF THE STATE OF KUWAIT
018 OSTERREICHISCHE BOTSCHAFT
020 DHRUVA SPACE PRIVATE LIMITED
022 TATA ADVANCED SYSTEMS LIMITED (TASL)
024 N SPACE TECH INDIA PRIVATE LIMITED
026 M/S PERSIGHT SPACE PRIVATE LIMITED
028 HEX20LABS INDIA PRIVATE LIMITED

INS	Indonesia

- 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
TELEFAX: +62 21 386 0781
TELEX: 07344407 POSTEL IA
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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

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

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

INS	Indonesia		
031	DIREKTORAT JENDERAL BEA DAN CUKAI	034	PUSAT VULKANOLOGI DAN MITIGASI BENCANA GEOLOGI
039	PT. PASIFIK SATELIT NUSANTARA	040	PT MEDIA CITRA INDOSTAR (MCI)
041	LEMBAGA PENERBANGAN DAN ANTARIKSA NASIONAL	043	PT. BANK RAKYAT INDONESIA (PERSERO), TBK.
044	PT SARANA MUKTI ADIJAYA	045	PEMERINTAH RI
046	MINISTRY OF DEFENSE REPUBLIC OF INDONESIA	048	PT PALAPA SATELIT NUSA SEJAHTERA
049	SURYA UNIVERSITY	050	PT. TELKOM SATELIT INDONESIA
051	PSN ENAM INDONESIA, PT	052	PT WAHANA TELEKOMUNIKASI DIRGANTARA
053	HUTCHISON 3 INDONESIA, PT.	054	TELEKOMUNIKASI SELULAR, PT.
055	XL AXIATA, TBK.	056	SMARTFREN TELECOM, TBK. PT.
057	SMART TELECOM, PT.	058	APLIKANUSA LINTASARTA, PT.
059	SAMPOERNA TELEKOMUNIKASI INDONESIA, PT.	060	PAMAPERSADA NUSANTARA, PT.
061	BADAN SAR NASIONAL	062	BANDAR NELAYAN, PT.
063	DITJEN PERHUBUNGAN LAUT	064	LION MENTARI AIRLINES, PT.
065	IMANI PRIMA, PT.	066	PT NETRA TEKNOLOGI NUSANTARA
067	PT SATELIT NUSANTARA LIMA	068	PT SATELIT NUSANTARA TIGA
069	KEMENTERIAN KELAUTAN DAN PERIKANAN REPUBLIK INDONESIA (KKP)	070	UNIVERSITAS PERTAHANAN REPUBLIK INDONESIA

IRL	Ireland	

A THE COMMISSION FOR COMMUNICATIONS REGULATION
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IRISH LIFE CENTRE
LOWER ABBEY STREET
DUBLIN 1
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TELEFAX: +353 1 804 9665/9680

001	BROADCASTING AUTHORITY OF IRELAND (BAI)	002	DEPARTMENT OF COMMUNICATIONS ENERGY AND NATURAL RESOURCES (DCENR)
003	CORK HARBOUR COMMISSIONERS, CORK	004	COMMISSIONERS OF IRISH LIGHTS DUBLIN
005	RADIO TEILIFIS EIREANN (RTE)	006	EMBASSY OF RUSSIA
007	IRISH AVIATION AUTHORITY (IAA)	008	TRINITY COLLEGE DUBLIN
009	UCD SCHOOL OF PHYSICS		

IRN	Iran (Islamic Republic of)	

A COMMUNICATIONS REGULATORY AUTHORITY (CRA)
MINISTRY OF INFORMATION AND COMMUNICATION TECHNOLOGY (MICT)
P.O. BOX 15875-4415
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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)

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

IRQ	Iraq

A MINISTRY OF TELECOMMUNICATIONS KARRADA ABO NAWAS STREET P.O. BOX 2450 BAGHDAD PHONE: +964 1 717 7009 TELEFAX: +964 1 717 4449 TELEX: 0491 212002 COMGEN IK B GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA, TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR C MINISTRY OF GUIDANCE BAGHDAD D NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S E THE UNDER SECRETARY MINISTRY OF COMMUNICATIONS KUWAIT TELEX: 0496 US PTT 22197 KT F COMMUNICATIONS AND MEDIA COMMISSION (CMC) AL-MASBAH HAY BABEL DISTRICT 929 STREET 32, BUILDING 18 PO BOX 2044 JADREIAH BAGHDAD TELEFAX: +964 1 719 5839 PHONE: +964 1 718 0009 EMAIL: enquiries@cmc.iq	003 GOUVERNEMENT DE LA SUEDE 005 EMBASSY OF THE STATE OF KUWAIT 008 DIRECTOR GENERAL, POSTS AND TELEGRAPHS 010 IRAQI COMPANY FOR OIL OPERATIONS P.O. BOX NO. 1, KIRKUK 012 MOSUL PETROLEUM CO. LTD., BAGHDAD 015 GOVERNMENT OIL REFINERIES ADMINISTRATION 017 IRAQI PORTS ADMINISTRATION 019 IRAQI TELECOMMUNICATIONS AND POSTS 004 EMBASSY OF THE REPUBLIC OF TURKEY 007 DIRECTOR GENERAL OF CIVIL AVIATION 009 DIRECTOR GENERAL PORTS AND NAVIGATIONS, BASRAH 011 BASRAH PETROLEUM CO. LTD., BAGHDAD 014 IRAQ GOVERNMENT 016 ROYAL IRAQI AIR FORCE 018 IRAQI NEW AGENCY

ISL	Iceland

A THE ELECTRONIC COMMUNICATIONS OFFICE OF ICELAND (ECOI) SUDURLANDSBRAUT 4 IS-108 REYKJAVIK ICELAND PHONE: +354 510 1500 EMAIL: pfs@pfs.is TELEFAX: +354 510 1509 EMAIL: fjarskiptastofa@fjarskiptastofa.is C DEPARTMENT OF STATE, WASHINGTON D.C. 20520	001 POSTS AND TELEGRAPH ADMINISTRATION, REYKJAVIK 003 ICELAND DEFENCE FORCE, KEFLAVIK 005 VOIR 3 - SEE 3 - VEASE 3 002 LIGHTHOUSE DIRECTOR, REYKJAVIK 004 ICELAND STATE BROADCASTING SERVICE 006 BOARD OF CIVIL AVIATION, REYKJAVIK

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

ISL	Iceland		
007	U.S. NAVY	008	THE NATIONAL RESEARCH COUNSEL
009	GOVERNMENT	010	U.S. GOVERNMENT
011	ICESAT EHF		

ISR	Israel		

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D MINISTERE DES AFFAIRES ETRANGERES,
HELSINKI

E GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
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TELEX: 060744371 TGM TR

F NATIONAL TELECOM AGENCY
COORDINATION DIVISION
HOLSTEINSGADE 63
DK - 2100 KOBENHAVN O
TELEX: 055 31100 NTA DK

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

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

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

ISR	Israel		
055	ARIEL UNIVERSITY, DEPARTMENT OF COMPUTER SCIENCE	056	IMAGESAT ISRAEL
057	RAFAEL ADVANCED DEFENSE SYSTEMS LTD.	058	SKY AND SPACE GLOBAL (ISRAEL) LTD
J	Japan		

- 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
- B** DEPARTMENT OF STATE,
WASHINGTON D.C. 20520
- 001** TELECOMMUNICATIONS BUREAU (T.B.),
MINISTRY OF POSTS AND
TELECOMMUNICATIONS
- 002** U.S. GOVERNMENT
- 008** U.S. GOVERNMENT
- 009** NIPPON IRIDIUM

JMC	Jamaica

- 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
- 001** JAMAICA INTERNATIONAL
TELECOMMUNICATIONS LTD.
- 002** INTERNATIONAL AERADIO (CARIBBEAN)
LIMITED
- 003** JAMAICA TELEPHONE COMPANY LIMITED
- 004** GOVERNMENT OF JAMAICA
- 005** POST AND TELEGRAPHS DEPARTMENT
- 006** RADIO JAMAICA LIMITED
- 007** JAMAICA BROADCASTING CORPORATION
- 008** CIVIL AVIATION DEPARTMENT
- 009** METEOROLOGICAL DIVISION, MINISTRY OF
PUBLIC UTILITIES AND TRANSPORT
- 010** UNIVERSITY OF THE WEST INDIES, MONA

JON	Johnston Island

- A** FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU
ATTENTION: MR. RICHARD B. ENGELMAN
2000 M STREET
ROOM 868, STOP CODE #0800C
WASHINGTON DC 20554 UNITED STATES OF AMERICA
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

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

JOR	Jordan

A CHAIRMAN OF THE BOARD/CEO
TELECOMMUNICATION REGULATORY COMMISSION (TRC)
P.O. BOX 941794
AMMAN 11194
JORDAN
PHONE: +962 6 5501120
EMAIL: trc@trc.gov.jo
TELEFAX: +962 6 5690830

B GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
TELSİZ 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 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

001 JORDAN POSTS, TELEGRAPHS AND
TELEPHONES
003 REUTERS LTD.
005 DEPARTMENT OF CIVIL AVIATION, JORDAN
MINISTRY OF COMMUNICATIONS, AMMAN
007 UNITED NATIONS
009 AQABA PORT AUTHORITY
011 BRITISH EMBASSY, AMMAN
013 PALEY EXPLORATION CO., LTD.
015 THE HASHEMITE KINGDOM OF JORDAN
BROADCASTING SERVICE, AMMAN
017 JORDAN NEWS AGENCY
019 TELECOMMUNICATION CORPORATION,
P.O.BOX1689, AMMAN
021 JORDAN TELEVISION, P.O.BOX 1041, AMMAN
023 THE ROYAL JORDANIAN RADIO AMATEUR
SOCIETY (RJRAS)

002 METEOROLOGICAL DEPARTMENT
004 TRANS-ARABIAN PIPE LINE CO., AMMAN
006 EMBASSY OF THE STATE OF KUWAIT
008 HASHEMITE BROADCASTING SERVICE,
RAMALLAH
010 EMBASSY OF THE REPUBLIC OF TURKEY
012 JORDAN PTTD
014 BONIFICA CO.
016 HELD ET FRANCKE CO.
018 "ALIA" THE ROYAL JORDANIAN AIRLINES
020 MINISTRY OF RELIGION
022 BRITISH AIRWAYS

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

KAZ	Kazakhstan

- 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

TELEFAX: +7 7172 74 03 64
EMAIL: moap@mdai.gov.kz
PHONE: +7 7172 61 32 99
PHONE: +7 7172 61 32 90
EMAIL: info@rfs.gov.kz
- 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
- 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
- 004** EAST AFRICAN POSTS AND TELEGRAPHS
DEPARTMENT
- 006** EAST AFRICAN HARBOURS CORPORATION
- 008** KENYA EXTERNAL TELECOMMUNICATIONS LTD.
- 010** KENYA AIR FORCE
- 012** KENYA NAVY
- 014** UNITED NATIONS
- 016** D.C.A.
- 018** KENATO, P.O.BOX 46991, NAIROBI
- 003** EAST AFRICAN RAILWAYS CORPORATION
- 005** KENYA ARMY
- 007** MINISTRY OF DEFENCE
- 009** UNITED KINGDOM GOVERNMENT
- 011** SWEDISH GOVERNMENT
- 013** AFRICAN MEDICAL RESEARCH FOUNDATION
- 015** DANISH GOVERNMENT
- 017** GEOSURVEY INT. LTD., P.O.BOX 30750 ,
NAIROBI
- 019** PUT SARAJAVO GRAL. ENGINEERING P.O.BOX
4833, NAIROBI

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

KEN	Kenya
020	NATIONAL YOUTH SERVICE, P.O.BOX 30397, NAIROBI
022	VENEERS KENYA LTD. P.O.BOX 18439, NAIROBI
024	HOMA LIME CO. LTD. P.O.BOX 1, KORU
026	DESERT LOCUST CONTROL
028	SCOPE E.A. CO. LTD., P.O.BOX 90222, MOMBASA
030	MINISTRY OF LIVESTOCK DEVELOPMENT, P.O., KABETE
032	AFRICAN GEOTECHNICAL, P.O.BOX 46886, NAIROBI
034	WILLIAMSON DIAMONDS LTD.
036	RADIO TRANSMISSIONS LTD., NAIROBI
038	DOWETO ENGINEERING CO. P.O.BOX 43239, NAIROBI
040	WORLDWIDE AVIATION FELLOWSHIP, P.O.BOX 817, MERU
042	KENYA DRILLING CO. LTD. P.O.BOX 18568, NAIROBI
044	KENYA BROADCASTING CORPORATION
053	VOICE OF KENYA
065	MINISTRY OF WORKS
068	WORLDSPACE-AFRISPACE LIMITED
070	KENYA SPACE AGENCY
021	MURRI INTER. SALVAGE, P.O. BOX 82345, MOMBASA
023	ROYAL NATIONAL PARKS OF KENYA
025	POSTS AND TELECOMMUNICATIONS ADMINISTRATION
027	KENYA TRADE DEVELOPEMENT, P.O.BOX 44916, NAIROBI
029	PRISONS DEPT., NAIROBI
031	DEPARTMENT OF AGRICULTURE
033	J.K. MUGAMBI CONTRACTORS, P.O.BOX 73, KARATINA
035	CRESCENT CONSTRUCTION CO. LTD. P.O.BOX 49094, NAIROBI
037	SHAH VERSHI DAVSHI AND CO. LTD.
039	BLOCK HOTELS, P.O.BOX 40075, NAIROBI
041	KENYA AGRICULTURAL RESEARCH INST. P.O.BOX 30187, NAIROBI
043	KENYA MARBLE QUARRIES LTD. P.O.BOX 40384, NAIROBI
045	EAST AFRICAN AIRWAYS CORPORATION
055	B.P. SHELL PETROLEUM DEVELOPMENT CO. LTD.
067	E.A. METEOROLOGICAL DEPARTMENT
069	UNIVERSITY OF NAIROBI

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)
- 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

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

KGZ	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) EMAIL: mict@tskl.net.ki TELEFAX: +686 26193 TELEX: 0761 77022		
001	DEPARTMENT OF FISHERIES, TARAWA	002	KIRIBATI GOVERNMENT
003	AIR TUNGARU, TARAWA	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		

KNA	Saint Kitts and Nevis		
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	002	INTERNATIONAL AERADIO (CARIB) LTD.
003	AGRINET	004	HIS EXCELLENCY THE GOVERNOR, ST.KITTS-NEVIS
005	HERBERT MERITT		

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

KOR	Korea (Republic of)		
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	002	UNITED NATIONS
003	MINICOM, SEOUL	004	SWEDISH GOVERNMENT
005	KOREA TELECOMMUNICATION AUTHORITY (KTA)	006	INSTITUTE OF SPACE SCIENCE AND ASTRONOMY
007	DATA COMMUNICATION CORPORATION	008	KOREA METEOROLOGICAL ADMINISTRATION
009	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY - KAIST	010	KOREA AIRPORTS AUTHORITY
011	U.S. GOVERNMENT	012	KOREA MARITIME AND PORT AUTHORITY
013	SAMSUNG HEAVY INDUSTRY CO. LTD	014	ASIANA AIRLINES
015	NATIONAL FEDERATION OF FISHERIES COOPERATIVES	016	KOREA AEROSPACE RESEARCH INSTITUTE
017	SK TELECOM CO., LTD.	019	SHINSEGI TELECOMM, INC.
020	KOREA TELECOM POWERTEL TRS	021	INCHON INTERNATIONAL AIRPORT CORPORATION
022	SPACE BROADBAND CORPORATION	023	KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE (KRISS)
024	ASIA PACIFIC SYSTEMS INC.	025	KYUNHEE UNIVERSITY, SCHOOL OF SPACE RESEARCH
026	FUTURE ELECTRONICS TECHNOLOGY MIXER	027	STEP CUBE LAB. DEVELOPMENT TEAM
028	CHUNGNAM NATIONAL UNIVERSITY, DEPARTMENT OF AEROSPACE ENGINEERING, UNMANNED SYSTEMS GROUP	029	KOREA AEROSPACE UNIVERSITY
030	ASTRODYNAMICS AND CONTROL LAB. YONSEI UNIV.	031	SEOUL NATIONAL UNIVERSITY
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
048	SK TELINK CO	049	LG UPLUS CORP
050	LUMIR-INC CO., LTD	051	STEPLAB CO. LTD.
052	HANCOM INSPACE CO. LTD	053	INHA UNIVERSITY
054	SEJONG UNIVERSITY	055	UZURO TECH INC
056	INNOSPACE CO., LTD	057	QUATERNION COMPANY
058	INSTITUTE FOR BASIC SCIENCE	059	COSMOWORKS
KRE	Democratic People's Republic of Korea		

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

KRE	Democratic People's Republic of Korea		
B	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
001	SWEDISH GOVERNMENT		
KWT	Kuwait		
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		
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		

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

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
TELSIZ GENEL MÜDÜRLÜĞÜ (TGM)
06510 EMEK - ANKARA
TURQUIE
TELEFAX: +90 312 2213226
TELEX: 060744371 TGM TR

F THE UNDER SECRETARY
MINISTRY OF COMMUNICATIONS
KUWAIT
TELEX: 0496 US PTT 22197 KT

G DIRECTORATE GENERAL OF THE
SYRIAN TELECOMMUNICATIONS ESTABLISHMENT
MAZEH AUTOSTRAD - HEADQUARTER BUILDING
DAMASCUS
SYRIAN ARAB REPUBLIC
TELEFAX: +963 11 6120000
TELEX: 0492411015 / GENTEL

001 OFFICE DE GESTION ET D'EXPLOITATION
(OGERO)

004 IRAQ PETROLEUM COMPANY LTD.

006 UNITED NATIONS

008 RADIODIFFUSION

014 EMBASSY OF THE REPUBLIC OF TURKEY

016 EMBASSY OF THE STATE OF KUWAIT

018 CROIX ROUGE LIBANAISE, BEYROUTH

002 AVIATION CIVILE

005 TRANS-ARABIAN PIPE LINE CO.

007 SURETE GENERALE

009 RADIODIFFUSION (CLT)

015 GOUVERNEMENT DE LA SUEDE

017 P.T.T. BIR HASSAN

LBR	Liberia

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

003 WEST AFRICAN BROADCASTING ASSOCIATION

005 SWEDISH GOVERNMENT

007 FRANCE CABLES ET RADIO, MONROVIA

002 LIBERIAN GOVERNMENT, DEPARTMENT OF
POSTS, TELEGRAPHS AND TELEPHONES

004 MONROVIA PORT MANAGEMENT CO. LTD.

006 LIBERIAN BROADCASTING COMPANY,
MONROVIA

008 LAMCO J.V. OPERATING CO. ROBERTS FIELD

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

LBR	Liberia

009 COMMISSIONER OF COMMUNICATIONS,
MONROVIA, LIBERIA
011 LIBERIA TELECOM CORP.
010 USIA

LBY	Libyan Arab Jamahiriya

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

LCA	Saint Lucia

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
003 TELECOMMUNICATIONS DEPARTMENT
005 PAN AMERICAN WORLD AIRWAYS
002 CARIBBEAN BROADCASTING CORPORATION
004 INTERNATIONAL AERADIO (CARIB) LIMITED
006 WINDWARD ISLANDS BROADCASTING SERVICE

LIE	Liechtenstein

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
004 RIVADA AG
003 TRION SPACE 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
PHONE: +266 22 325595
TELEFAX: +266 22310984

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

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

LTU	Lithuania

A COMMUNICATIONS REGULATORY AUTHORITY
MORTOS 14
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
003 LINTEL
005 U.S. EMBASSY
007 VSI LIEPISKIU TECHNOLOGIJU PARKAS
009 COMMUNICATIONS REGULATORY AUTHORITY OF THE REPUBLIC OF LITHUANIA
011 KONGSBERG NANOAVIONICS, UAB
013 CIVIL AVIATION DEPARTMENT OF TRANSPORT COMPETENCE AGENCY

002 LITHUANIAN METEOROLOGICAL CENTRE
004 COMLIET
006 EMBASSY OF RUSSIAN FEDERATION
008 VSI INOVATYVUS INZINERINIAI PROJEKTAI
010 VSI LIETUVOS NACIONALINIS RADIJAS IR TELEVIZIJA
012 AB "SPACE UNION"

LUX	Luxembourg

A INSTITUT LUXEMBOURGEOIS DE REGULATION
17 rue du Fossé
L-2922 LUXEMBOURG
EMAIL: sat-coord@ilr.lu (satellite issues)
PHONE: +352 28 228 700

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

001 LOFTLEIDIR, LUXEMBOURG
004 DEUTSCHE BUNDESPOST
006 SAARLAENDISCHER RUNDFUNK SAARBRUECKEN
009 LUXAIR, LUXEMBOURG

011 INSTITUT LUXEMBOURGEOIS DE REGULATION (ILR)
013 LUXSPACE SARL
015 SPIRE GLOBAL LUXEMBOURG S.A.R.L.
017 OQ TECHNOLOGY

019 ORBITARE LUXEMBOURG SA
021 ISPACE EUROPE S.A.

003 MINISTERE DU TRANSPORT
005 SUEDEWESTFUNK, BADEN-BADEN
007 CIE LUXEMBOURGEOISE DE TELEDIFFUSION
010 SOCIETE EUROPEENNE DES SATELLITES (SES)
012 GLOBAL RADIO S.A
014 LUXEMBOURG SPACE TELECOMMUNICATION SA
016 KLEOS SPACE S.A
018 LUXEMBOURG DIRECTORATE OF DEFENCE (LUX DOD)
020 UNIVERSITY OF LUXEMBOURG

LVA	Latvia

A MINISTRY OF TRANSPORT
DEPARTMENT OF COMMUNICATIONS
3, GOGOLA STREET
RIGA LV-1190
REPUBLIC OF LATVIA
EMAIL: sakarudepartaments@sam.gov.lv
PHONE: +371 6702 8107
TELEFAX: +371 6782 0636
TELEX: 0538161176 PTB LV

001 MINISTRY OF POSTS AND TELECOMMUNICATIONS

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

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
003 COMPANHIA DE TELECOMUNICACOES DE
MACAU, S.A.R.L
005 EMISSORA VILA VERDE
007 KONG SENG PAGING, LDA.
009 TELECONTACTO UNION, LDA.

002 CAPITANIA DOS PORTOS
004 TELEDIFUSAO DE MACAU, S.A.R.L.
006 CONSORCIO DO AEROPORTO INTERNACIONAL
DE MACAU
008 TELECOM (MACAU) MENSAGENS POR RADIO,
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 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
003 CONSEIL SUPERIEUR DE L' AUDIOVISUEL
005 SURETE NATIONALE
007 STATIONS SOUS CONTROLE P.T.T.
009 DEFENSE NATIONALE
011 GENDARMERIE NATIONALE
019 PHARES ET BALISES
002 ADMINISTRATION DES POSTES ET
TELECOMMUNICATIONS
004 AVIATION CIVILE
006 METEOROLOGIE NATIONALE
008 MINISTERE DE L'INTERIEUR
010 AERONAUTIQUE MILITAIRE FRANCAISE
012 MARINE NATIONALE
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

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

MAU	Mauritius		
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)	020	EMTEL LTD
021	ATCOMM BROADBAND SERVICES LTD	022	ISRO TELEMETRY TRACKING AND COMMAND NETWORK (ISTRAC-ISRO)
023	LEAF SPACE (MU) LTD	024	MAHANAGAR TELEPHONE (MAURITIUS) LTD (MTML)
025	ONEWEB (MAURITIUS) LTD	026	AMAZON KUIPER MUS LIMITED
MCO	Monaco		
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
005	SPACE SYSTEMS INTERNATIONAL - MONACO S.A.M.	007	Radio Amateurs Vaudois
MDA	Moldova		
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		

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

MDG	Madagascar

- A** AUTORITE DE REGULATION DES TECHNOLOGIES DE COMMUNICATION (ARTEC)
 LOT IVL 41 TER B ANDOHATAPENAKA
 101 - ANTANANARIVO
 MADAGASCAR
 EMAIL: artec@artec.mg
 PHONE: +261 2022 421 19
 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)
 RUA RAMALHO ORTIGÃO, 51
 1099-099 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. |

MDW	Midway Islands

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

MEX	Mexico

- A** AGENCIA DE TRANSFORMACIÓN DIGITAL Y TELECOMUNICACIONES (ATDT)
 EL ORO #17, COL. ROMA NORTE
 ALCALDÍA CUAUHTÉMOC
 C.P. 06700
 CIUDAD DE MÉXICO
 MÉXICO
 URL: <https://www.gob.mx/atdt>
 EMAIL: oficinaparticular@transformaciondigital.gob.mx
- | | | | |
|------------|---|------------|------------------------------------|
| 019 | AERONAUTICAL RADIO DE MEXICO, S.A. | 026 | COMISION FEDERAL DE ELECTRICIDAD |
| 032 | TACANA, S.R.L. | 055 | SECRETARIA DE RECURSOS HIDRAULICOS |
| 059 | SECRETARIA DE LA DEFENSA NACIONAL | 069 | BANCO NACIONAL DE MEXICO |
| 103 | CIA. IMPULSORA DE EMPRESAS ELECTRICAS | 117 | PETROLEOS MEXICANOS |
| 124 | DIRECCION GENERAL DE TELECOMUNICACIONES | 125 | BANCO INTERNACIONAL |

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

MEX	Mexico		
126	VIAS GRALES. DE COM.	127	SERVS. RADIOELECTRICOS
128	COMUNS. INALAMBRICAS.	129	FRECS. DE RADIOCOM.
130	FOMENTO DE RADIO, S.A.	132	PRESIDENCIA DE LA REPUBLICA
133	SECRETARIA DE MARINA	134	CIA. FUNDIDORA DE FIERRO Y ACERO DE MONTERREY
135	LUBRICANTES Y COMBUSTIBLES	136	NEGOCIACION MADERERA DEL SURESTE
137	CONSTRS. DE ANAHUAC	138	SRIA.AGRIC. Y GAN.
140	HACIENDA CANALEJA	141	SOC. MEXICANA DE CREDITO INDUSTRIAL
142	SUPER CARRETERAS	143	ENRIQUE DOMENE
144	VALERIANO B. DIEGO	145	CASA GAVILAN S.A.
146	MADERERA MEXICANA	147	CIA. GANADERA LAS MARGARITAS
149	BANCO DE LONDRES Y MEXICO	150	CLUB DEPORTIVO DE VUELOS
152	UNION NAL. AGRICOLA DE CAFETEROS	155	BANCO DE COMERCIO (DE CHIAPAS)
156	CIA. MINERA EUREKA	168	PRODUCERS MC'FADEN
169	MADERERAS CAMPECHE Y QUINTANA ROO.	170	EULALIO GUTIERREZ TREVINO
171	EXPLOTADORA MINERA	172	BOSQUES DE CHIHUAHUA
173	GONZALES Y CIA.	174	CIA. GANADERA STA. GERTRUDIS
175	GOBIERNO DEL EDO. DE MICHOACAN	177	TRANSPORTES MARTINEZ
178	GOBIERNO DEL EDO. DE HIDALGO	179	PRODUCTOS DE CHIHUAHUA
182	JOSE JIRASH SHAADI	183	NUEVA CIA. ELECTRICA CHAPALA
184	ANCIRA Y DIAZ	187	INDUSTRIA FORESTAL CACHO DE ORO
188	DIRECCION GENERAL DE CONSTRUCCION DE F.F.C.C.	191	UNION DE MADEREROS DE CHIHUAHUA
192	BONIFACIO SALINAS LEAL	193	ROBERTO ANCIRA
194	C.E.I.M.S.A.	195	ENRIQUE SADA GARZA
196	ANTONIO ANAYA	197	PRODUCTORA DE MADERA
198	RAMON CANTU VILLARREAL	199	BANCO NACIONAL DE CREDITO - EJIDAL
200	PABLO ZORRILLA GARCES	201	BANCO DEL SUR
202	GOB. DEL EDO. DE CHIHUAHUA	204	GOB. DEL EDO. DE SONORA
206	RAMON MOYA R.	207	RAUL CABALLERO ABURTO
208	ANTONIA RAMIRES VDA. DE WOOLRICH	209	LINEA ESTRELLA DE ORO
210	GOB. DEL EDO. DE SAN-LUIS POTOSI	211	CIA. NAL. DE CAMINOS
212	UNION GANADERA REGIONAL DE CHIHUAHUA	213	SATELITES MEXICANOS, S.A. DE C.V.
315	ALVARO DOMINGUEZ PEON	360	BENEFICIADORA DE CAFE CALIFORNIA
361	QUETZSAT S. DE R.L. DE C.V.	362	INSTITUTO NACIONAL DE ASTROFISICA, OPTICA Y ELECTRONICA
363	INICIATIVA ESPACIAL MEXICANA MXSPACE, ASOCIACIÓN CIVIL	364	AGENCIA ESPACIAL MEXICANA
365	UNIVERSIDAD POPULAR AUTONOMA DE PUEBLA, A.C.	366	INSTITUTO FEDERAL DE TELECOMUNICACIONES
367	WORLDVU MEXICO S. DE R.L. FROM C.V.		
MHL	Marshall Islands		
A	GENERAL MANAGER NATIONAL TELECOMMUNICATIONS AUTHORITY PO BOX 1169 MAJURO 96960 MARSHALL ISLANDS TELEFAX: +692 625 3952		
B	DEPARTMENT OF STATE WASHINGTON, D.C. 20520		
008	US GOVERNMENT - GEN		
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 VAZDUHOPLOVSTVA

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

MKD	North Macedonia (Republic of)
024	SECRETARIAT DU TRANSPORT ET DES COMMUNICATIONS
030	CHEMIN DE FER
026	DIRECTION HYDROMETEOROLOGIQUE
MLA	Malaysia

- A** CHAIRMAN
MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION
63000 CYBERJAYA
SELANGOR DARUL EHSAN
MALAYSIA
EMAIL: scpd@mcmc.gov.my
PHONE: +6038688 8000
TELEFAX: +603 8688 1000
TELEX: 084 GENTEL MA 28020
EMAIL: satcoord@mcmc.gov.my (Space services)
EMAIL: terrestrial.coordination@mcmc.gov.my (Terrestrial services)
- 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 |
| 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

- A** MINISTRY OF TRANSPORT AND COMMUNICATIONS
TELECOMMUNICATIONS DEPARTMENT
TELECOM BUILDING
HUSNUHEENA MAGU
MALE' 20-04
MALDIVES
TELEFAX: +223 213022
EMAIL: TELECOM@NETLINK.NET.MV

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

MLD	Maldives

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

003 AIRPORT OFFICE

005 DHIVERI RAAJJEY GE GULHUN PRIVATE
LIMITED (DHIRAAGU)

002 MALDIVIAN GOVERNMENT

004 MUMAN TOURIST AGENCY

MLI	Mali

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
003 OCLALAV B.P 63 GAO

002 MARINE NATIONALE
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

MLT	Malta

A MALTA COMMUNICATIONS AUTHORITY
VALLETTA WATERFRONT
PINTO WHARF
FLORIANA FRN 1913
MALTA
PHONE: +356 2233 6840
EMAIL: coordination.mca@mca.org.mt
EMAIL: info.mca@mca.org.mt

001 GOVERNMENT OF MALTA
003 DIRECTOR OF CIVIL AVIATION
005 SUPERINTENDENT OF PORTS
008 CIVIL DEFENCE
010 PARASTATAL BODY
012 PRIVATE LICENCE OPERATOR
014 ELSACOM MALTA
016 UNIVERSITY OF MALTA

002 UNITED KINGDOM GOVERNMENT
004 GO P.L.C.
006 WESTERN GEOPHYSICAL CO. OF AMERICA
009 OSSERVATORIO GEOFISICO OF TRIESTE
011 DEUTSCHE WELLE
013 VODAFONE MALTA LIMITED
015 MULTIPLUS LIMITED

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

MNE	Montenegro

A MINISTRY OF ECONOMIC DEVELOPMENT
RIMSKI TRG 46
81000 PODGORICA
MONTENEGRO
EMAIL: kabinetmer@mek.gov.me
TELEFAX: +382 20 234 027
PHONE: +382 20 482 301

B AGENCY FOR ELECTRONIC COMMUNICATIONS AND POSTAL SERVICES
BUL. DZORDZA VASINGTONA 56
81000 PODGORICA
MONTENEGRO
PHONE: +382 20 406 700
PHONE: +382 20 406 760
TELEFAX: +382 20 406 702
EMAIL: ekip@ekip.me

001 GOVERNMENT OF MONTENEGRO, PODGORICA
003 AGENCY FOR ELECTRONIC COMMUNICATIONS AND POSTAL SERVICES
024 MINISTRY OF MARITIME AFFAIRS, TRANSPORTATION AND TELECOMMUNICATIONS, PODGORICA

002 MARITIME SAFETY DEPARTMENT, BAR
023 CIVIL AVIATION DEPARTMENT, PODGORICA
030 RAILWAYS OF MONTENEGRO, PODGORICA

MNG	Mongolia

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

B COMMUNICATIONS REGULATORY COMMISSION OF MONGOLIA
BLOCK-A,
METRO BUSINESS CENTER
SUKHBAATAR DISTRICT
ULAANBAATAR 14201
MONGOLIA
EMAIL: info@crc.gov.mn
EMAIL: fr@crc.gov.mn
TELEFAX: +976 11 327720
PHONE: +976 11 304258

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
TELEFAX: +258 21 016211
TELEX: 0992 6509 DGTDM MO
PHONE: +258 21 227 100

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

MOZ	Mozambique		
B	NATIONAL POST AND TELECOM AGENCY P.O.BOX 5398 S - 102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
001	RADIO MOCAMBIQUE	002	TELECOMUNICACOES DE MOCAMBIQUE
003	SERVICOS METEOROLOGICOS DE MOCAMBIQUE	004	MINISTERIO DOS TRANSPORTES E COMUNICACOES
005	EMPRESA NACIONAL DE AEROPORTOS	006	SECRETARIA DO ESTADO DAS PESCAS
007	ENTIDADES CONTROLADAS PELAS TDM	008	MINISTERIO DE AGRICULTURA
009	SWEDISH GOVERNMENT	010	SOUTH AFRICAN EMBASSY, MAPUTO
MRA	Northern Mariana Islands (Commonwealth of the)		

- 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		
A	AGENCE NATIONALE DE REGLEMENTATION DES TELECOMMUNICATIONS (ANRT) Centre d'affaires, Bd. Ar-Riad, Hay Riad. BP 2939 RABAT 10100 PHONE: +212 537 718 400 TELEFAX: +212 537 203 862		
001	SOCIETE NATIONALE DE RADIODIFFUSION ET DE TELEVISION	002	ITISSALAT AL-MAGHRIB
003	ETAT MAJOR GENERAL DES FORCES ARMEES ROYALES	004	MINISTERE DE L'INTERIEUR ET DE L'INFORMATION
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	CENTRE UNIVERSITAIRE DE RECHERCHE EN TECHNOLOGIES SPATIALES (CURTS)	008	HAUTE AUTORITE DE LA COMMUNICATION AUDIOVISUELLE (HACA)
009	MINISTERE DE LA TRANSITION NUMERIQUE ET DE LA REFORME DE L'ADMINISTRATION	010	MEDI TELECOM
011	WANA CORPORATE		
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

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

MRT	Martinique (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 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

- 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 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

- 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 |

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

MTN	Mauritania		
019	SERVICE DES DOUANES	020	COMMISSARIAT A L'AIDE ALIMENTAIRE

MWI	Malawi

- 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 |

MYT	Mayotte (Territorial Collectivity 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)
- | | | | |
|------------|--|------------|------------------------------------|
| 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

- 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: direccionggeneral@telcor.gob.ni
TELEX: 0375 1007
TELEFAX: +505 2255 9170
PHONE: +505 2255 9150
- | | | | |
|------------|----------------------------------|------------|---------------------------|
| 001 | GOBIERNO DE NICARAGUA | 002 | ALL AMERICA CABLES |
| 003 | RADIO NACIONAL | 004 | ESSO STANDARD OIL CO. |
| 005 | PAN AMERICAN AIRWAYS | 006 | TEXAS PETROLEUM CO. |
| 007 | CIA. AEREA "TACA" | 008 | TROPICAL RADIO TELEG. CO. |
| 009 | EMPRESA VITA | 010 | WEIS AND FRICKER CO. |
| 011 | NICAR. LONG LEAF PINE LUMBER CO. | 012 | STANDARD FRUIT CO. |
| 013 | EMPRESA NOLEN | 014 | LACSA CIA. AEREA |

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

NCG	Nicaragua
015	NICA CIA. AEREA
017	COMP. MINERA "LA INDIA"
019	RADIO TIC TAC
021	FREIBERG MAHAGONY CO.
023	RADIO SENSACION
025	RADIO QUINIENTOS NOVENTA
027	JOSE MENDOZA OSORNO
029	MANUEL ARANA VALLE
031	RADIODIFUSORA NACIONAL
033	EDITORIAL CATOLICA S.A.
035	DR. MARIANO VALLE QUINTERO
037	JUAN TORUNO C.
039	JOSE F. TERCERO ZAPATA
041	NICOLAS W. NAVAS
043	EMILIO ESTRADA
045	RADIO SPORT
047	UNION RADIO
049	RADIO TITANIA
051	PARTICULAR
053	ESTACION EQUIS
055	RADIO MUNDIAL
057	ONDAS DE LUZ
059	RADIO CONTINENTAL
061	RADIO MANAGUA
063	RADIO RELOJ DE NICARAGUA
065	RADIO CENTRO
067	LA VOZ DE LA VICTORIA
069	RADIO CATOLICA
071	RADIO DARIO
073	RADIO CAPITAL
075	RADIO EL MUNDO
077	RADIO MARAVILLA
079	RADIO ONDAS SONORAS
081	RADIO MINERVA
083	RADIO MATAGALPA
085	RADIO CRISTAL
087	RADIO SATELITE RELOJ
089	RADIO ALMA LATINA
091	RADIO ONDAS POPULARES
093	RADIO ECO DE LAS BRUMAS
095	RADIO PROGRESO
097	RADIO UNO
099	RADIO SAN CRISTOBAL
101	DIRECCION GENERAL DE ADUANAS
103	METASA
105	AZUCARERA L.M.
107	NICATELSAT
109	MANENIC LINE
111	IFAGAN
113	SERV. GEOLOGICO NACIONAL
115	ING. GYLA
117	SHELL NICARAGUA
119	ENALUF
121	RADIO RUMBOS
123	RADIO CIMA
125	FE Y ALEGRIA
127	MICONS MANAGUA
129	TEXACO MANAGUA
131	RAMIRO JOSE ESCOBAR
133	RIVAS OPSTAELE SA
135	NOGUERA Y CIA. LTDA.
137	INISER MANAGUA
139	SANTIAGO BALDOVINOS
141	ENDIMAR MANAGUA
143	ENIRA MANAGUA
145	PREFANICSA
147	INEC
149	COPRENIC
151	TIMAL
153	NAP INGENIEROS
155	SOVIPE COMERCIAL
157	BALLADARES GURDIAN
159	CECOOP
161	AGRICOLA JACINTO LOP
163	JORGE ZAMORA
016	EMPRESA MADERA MAC INNIS
018	RADIO MINUTO
020	COMPANIA CEMENTERA
022	CURKA DEVELOPMENT CO.
024	AMERICAN INTERNATIONAL FUEL AND PETROL C.
026	BRAGMANN BLUFF LUMBER CO.
028	RADIO CENTRAL
030	ALBERTO SOLIS H.
032	DR. JUAN VELASQUEZ PRIETO
034	ALICIA MILLER
036	ANDRES CASTRO WASMER
038	MIGUEL A. SOLIS H.
040	RONALDO LACAYO MARTINEZ
042	CHESTER A. PARRALES
044	JOSE A. TIJERINO SALINAS
046	MI PREFERIDA
048	EL FABULOSO SIETE
050	J. VASSALLI AND CO.
052	LANICA CIA. AEREA
054	LA VOZ DEL CONTINENTE AMERICANO
056	RADIO AMOR
058	RADIO NOTICIAS
060	RADIO TIEMPO
062	RADIO MIL
064	RADIO MASAYA
066	RADIO MUSUN
068	RADIO CIRCUITO
070	ONDAS SEGOVIANAS
072	RADIO SANTAMARIA
074	CULTURAL CARAZO
076	RADIO GUEGUENSE
078	RADIO GRANADA
080	LA VOZ DEL TUMA
082	BABY RADIO
084	RADIO UNO CADENA NACIONAL
086	RADIO ONDAS CHONTALENAS
088	RADIO PLAZA RELOJ DE MATAGALPA
090	RADIO ONDAS DEL SUR
092	RADIO VANGUARDIA
094	RADIO COSIGUINA
096	RADIO ONDAS DE YOLOTLAN
098	RADIO COLINAS
100	COTTON STATES
102	ROGER FERNANDEZ H.
104	BANCO NACIONAL DE NICARAGUA
106	BANCO DE AMER
108	CIA. MARITIMA
110	OTTO SHOW
112	MANUEL SANDINO
114	CORNELIO HUECK
116	RAFAEL MARTINEZ
118	TELLEZ ELECTRONIC
120	RADIO OCCIDENTAL
122	GUARDIA NACIONAL DE NICARAGUA
124	IVAN MONTENEGRO
126	INDUSTRIA NTL AGRIC
128	JAMES GREEN
130	WAIKAY AGRICOLA IND.
132	SILVIO RODRIGUEZ ARA
134	MANTICA REPUESTOS SA
136	INPESCA MANAGUA
138	JOSE RODRIGUEZ
140	DISTRIBUIDORA LUBRICA
142	EMBANOC MANAGUA
144	AGROSA
146	EMP JORGE CAMARGO
148	COMERCIAL S MARTIN
150	EMP ADOLFO GARCIA
152	JOSE HERNANDEZ
154	DIR TECN AGROPECUARI
156	AVICOLA LA ESTRELLA
158	NICALIT
160	JOSE A NAVARRO
162	CARLOS HOLLMAN
164	JUAN BURGOS

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

NCG	Nicaragua

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 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	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	006	BUREAU OF METEOROLOGY

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

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

NGR	Niger		
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		

A FEDERAL MINISTRY OF INFORMATION AND COMMUNICATIONS
FEDERAL SECRETARIAT COMPLEX
SHEHU SHAGARI WAY
ABUJA
NIGERIA
PHONE: +234 9 234 6351
EMAIL: jodey@nigeria.gov.ng
TELEFAX: +234 9 234 4106
TELEX: 0805 21065 ADTECH NG

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

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
003 NIGERIAN BROADCASTING CORPORATION
005 RIVERS STATE BROADCASTING TELEVISION
SERVICE
007 FOREX (NIGERIA) LTD.
009 CIVIL AVIATION
011 NATIONAL ELECTRIC POWER AUTHORITY
013 NIGERIAN PORTS AUTHORITY
015 POSTS AND TELEGRAPHS
017 THE UNITED AFRICA COMPANY OF NIGERIA
LTD.
019 INLAND WATERWAYS DEPARTMENT
021 OGUN STATE BROADCASTING CORPORATION
023 E.M. MICHELETTIE
025 NIGERIAN TOBACCO COMPANY LIMITED
027 CHURCH OF THE BRETHREN MISSION
029 WEST AFRICAN AIRWAYS CORPORATION
(NIGERIA) LIMITED
031 DECCA NAVIGATOR COMPANY
033 PAMOL LIMITED
035 RIVERS STATE GOVT.
037 KWARA STATE GOVT.
039 SHELL-BP PETROLEUM DEVELOPMENT COMPANY
OF NIGERIA LTD.
041 ANAMBRA STATE BROADCASTING CORPORATION
043 SAFRAP (NIGERIA) LIMITED
045 GROUP OIL COMPANIES
047 TIN AND ASSOCIATED MINERALS LIMITED
049 KANO STATE GOVT.
051 MINISTRY OF LAND AND LABOUR, IBADAN

002 THE POSTMASTER-GENERAL, LAGOS
004 TOMAX BETON CONSTRUCTION CO. LTD.
006 NIGERIA POLICE FORCE
008 GOVERNMENT OF THE FEDERAL REPUBLIC
NIGERIA
010 NIGERIAN AGIP OIL COMPANY LIMITED
012 GRANGES (NIG) LTD.
014 NIGERIAN WIRES INDUSTRIES LTD.
016 BALAKHANY (CHAD) LIMITED
018 NIGERIAN RAILWAY CORPORATION
020 SUDAN INTERIOR MISSION
022 LAGOS STATE GOVERNMENT
024 NIGERIAN NAVAL FORCE
026 STRUCTEC C.F.A.O. NIG. LTD.
028 SUDAN UNITED MISSION
030 AFRICAN CONSTRUCTION COMPANY
032 STIRLING-ASTALDI (AFRICA) LIMITED
034 REDIFFUSION (NIGERIA) LIMITED
036 BEN WILLEY NIG. LTD.
038 COSTAIN-BLANKEVOORT DREDGING COMPANY
LIMITED
040 OMO SAWMILLS OF NIGERIA
042 COSTAIN-RAYMOND, ESCRAVOS
044 OYO STATE BROADCASTING CORPORATION
046 SOKOTO STATE BROADCASTING CORP.
048 KOBE STEEL LTD.
050 OYO STATE WATER CORPORATION
052 LAGOS MUNICIPAL TRANSPORT SERVICE

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

NIG	Nigeria
053	HOLT'S TRANSPORT LIMITED
055	CHESEBROUGH PRODUCT INDUSTRY
057	BALFOUR BEATTY AND COMPANY LIMITED
059	NIGERIAN AIR FORCE
061	NORTHERN NIGERIA BROADCASTING CORPORATION
063	TAYLOR WOODROW (NIGERIA) LIMITED
065	BASF LTD
067	GROUP CIVIL ENGINEERS
069	NIGERIAN PRODUCE AND MARKETING CO.
071	TEXACO (NIG.) LTD.
073	SUDAN UNITED MISSION (LONDON) P.O.BOX 643, JOS.
075	LUFTHANSA GERMAN AIRLINES.
077	DUMEZ (NIGERIA) LIMITED
079	NORTHERN NIGERIA NEWSPAPERS CO.
081	ONDO STATE GOVERNMENT
083	H.M. CUSTOMS AND EXCISE
085	MONIER CONSTRUCTION COMPANY
087	FLYING DOCTOR SERVICE
089	FEDERAL MINISTRY OF TRANSPORT MARITIME DIVISION.
091	BISICHI TIN COMPANY LIMITED
093	IFE UNIVERSITY.
095	NIGERIAN UNIVERSITIES COMMISSION.
097	POWERLINES (NIG.)LTD.
099	FLOPETROL.
101	INTERNATIONAL DRILLING CO.
103	CODE OF CONDUCT BUREAU
105	NATIONAL BANK OF NIG.LTD.
107	PATTERSON ZOCHONIS
109	NIGERIAN REDCROSS
111	COMMUNICATION EQUIPMENT DEALERS.
113	MOTOR VEHICLE DEALERS.
115	DIPLOMATIC MISSIONS
117	TECHNICAL AID AGENCIES
119	BARCLAYS BANK.
121	PETRAMONK
123	NIGERIAN TECHNICAL CO.
125	AVERY LTD.
127	PAN AFRICAN BANK
129	DANISH GOVERNMENT
131	SAE CONSTRUCTION NIG. LTD.
133	CRUSHED ROCKS INDUSTRIES
135	FASAKIN FOODS NIG. LTD.
137	BIDA AGRIC. DEV. PROJECT
139	BORBDA RIVER BASIN DEV. AUTH.
141	WEIR NIG. LTD.
143	H. W. ROMAN AND SON LTD.
145	WARRI UNITED PUBLISHERS
147	ASHAYE FAR EAST LINE
149	COMERINT NIG. LTD.
151	OGBEMUDIA FARMS
153	OFF SHORE TRAWLERS
155	AJAKUTA STEEL COMPANY
157	DARAL HANDASAH CONSULTANT
159	HANYANG (NIG) LTD.
161	W.F. CLARKE (NIG) LTD.
163	HADEJIA - JAMA ARE RIVER BASIN
165	TAISEI WEST AFRICA LTD.
167	EKENE DILI CHUKWU MOTORS LTD.
169	V. D. PAM AIG
171	APROFIM ENG. CONST. LTD.
173	GENERAL AVIATION SERVICE LTD.
175	NEWS AGENCY OF NIGERIA
177	EZUGO ISIADINSO & PARTNERS
179	BAUCHI STATE AGRIC.DEV. PROGRAMME
181	FORSTER WHEELER WORLD SVCS
183	CHYKE INT. LTD
185	RANA TAHIR FURNITURE
187	GEARHART (NIG) LTD
189	KANO OIL MILLERS
191	RALEIGH IND (NIG) LTD.
193	CHESEBROUGH PRODUCTS IND.
195	JOS INTERNATIONAL BREWERIES
054	BORINI PRONO AND COMPANY (NIGERIA) LIMITED
056	STRABAG (NIGERIA) LIMITED
058	NIGERIAN ARMY
060	MOBIL EXPLORATION NIGERIA LIMITED
062	EMBASSY OF THE REPUBLIC OF THE SUDAN
064	GOUVERNEMENT DE LA SUEDE
066	PALM LINE LIMITED
068	BP NIGERIA LTD.
070	AFRICAN INDUSTRIAL TIMBER
072	GROUP INDUSTRIES
074	AERO CONTRACTORS.
076	CENTRAL BANK OF NIGERIA.
078	DAILY TIMES NEWSPAPERS.
080	JULIUS BERGER (NIG.) LTD.
082	NACAP BV
084	NIGERIAN TELEVISION AUTHORITY
086	COMMUNICATION ASSOCIATE (NIG.) LTD.
088	NIGERIAN SURVEYS LTD.
090	AMERICAN OVERSEAS PETROLEUM LIMITED
092	INSTITUTE OF LINGUISTICS.
094	IBADAN UNIVERSITY.
096	OFF SHORE COMPANY
098	SOUTH EASTERN DRILLING CO.
100	R.T. BRISCO.
102	JOHN HOLT WESTMINSTER DREDGING COMPANY
104	GUFFANTI BONIGER.
106	CALEDONIAN AIRWAYS.
108	BROSSETTE LTD. (NIGERIA)
110	NIGERIAN SERVICES AND SUPPLY CO.
112	TRANSPORTER
114	NIGERIAN METEOROLOGICAL SERVICES.
116	UNITED NATIONS AGENCIES.
118	UNITED BANK OF AFRICA.
120	STANDARD BANK.
122	TOTAL LTD.
124	EKWEME AND ASSOCIATES
126	PHARCO LTD.
128	FAJEMIROKUN ASSOCIATES
130	OSTERREICHISCHE BOTSCHAFT
132	ONDO STATE GOVERNMENT
134	ZINKON INTERNATIONAL
136	NIG. ELECTRICITY SUPPLY. COY.
138	PAULOSA NIG. LTD.
140	EKWENIBE AND SONS
142	EH1 WORLD TRAVEL
144	EXPO SHIPPING LINE NIG. LTD.
146	GIFT FAT NIG LTD.
148	ELECTROWAT CONSULTANT ENGINEERS
150	OVERSEAS UNITED VENTURES
152	METAWM LIMITED
154	UNION TRADING COMPANY
156	INTERNATIONAL BEER & BEVERAGES
158	NATIONAL TEACHERS INSTITUTE
160	FEDERAL MINISTRY OF LABOUR
162	TAPOL (NIG) LTD.
164	BENUE BURNT BRICKS
166	FEDERAL HOUSING AND ENVIRONMENT
168	HOME CONST. DREDGING NIG. LTD.
170	UNIVERSAL TEXTILE IND. LTD.
172	GLAXO ALLENBURYS NIG. LTD.
174	TRIAx COMPANY NIG. LTD.
176	EDOK-ETER MANDILAS
178	EDDY MOTORS (NIG) LTD
180	NAT. HORTICULTURAL RESEARCH INSTITUTE
182	ELF (NIG) LTD
184	RACCAFORM NIG LTD
186	PIETERSON AGENCY LTD
188	INTRA MOTORS (NIG) LTD
190	INTERNATIONAL BREWERIES
192	SAFA FOAM PRODUCTS LTD.
194	FED. INLAND REVENUE
196	GIDAN HASSAN INDUSTRIES

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

NIG	Nigeria		
197	RENTACOLOR (NIG) LTD.	198	J. NWANKWU BROS
199	UNIVERSAL FISHING CO.	200	NAL MERCHANT BANKERS
201	MOULDS (NIG) LTD	202	IMNL AIR SERVICES
203	VERITAS INSURANCE CO.	204	SMURFIT CASES LTD
205	KABO TRAVELS LTD.	206	EASTERN BULKCEM CO.
207	BUSINESS EQUIP AND MANUFACTURE	208	FED. AGRIC UNIT IBADAN
209	RAU-IMEX LTD.	210	AKWA MINERALS
211	HISPANIC CONST. LTD.	212	HABIB (NIG) BANK LTD.
213	IZUCHUKWU (NIG) LTD.	214	NAT. TRUCKS MANUFACT LTD.
215	BREWTECH (NIG) LTD.	216	HANS MEHR LTD.
217	UNION STEEL IND.	218	EKPO ELECTRONICS LTD.
219	BRIGHT STAR IND LTD.	220	TEEGEE NIG LTD.
221	THEO AND THEO PAINTS	222	K. AKAR LTD.
223	P.S. MANDRIDES	224	INTERWORLD ENTREPRISES
225	UNITED FOAM PRODUCTS	226	MAKE NIG LTD.
227	GOPITEX NIG LTD.	228	GOD'S KINGDOM SOCIETY
229	FGN OKOYE AND SONS	230	ENPLAN GROUP CONSORTIUM
231	GOD DE TRANSPORT LTD.	232	NIGERIAN ROPES LTD.
233	DEFENCE INDUSTRIES CORP.	234	DORNIER (NIG) LTD.
235	J.T. CHANRAI LTD.	236	GOVT COASTAL AGENCY
237	BIGHT ENG. LTD.	238	G.B. OLLIVANT
239	KITCHEN EQUIPMENT LTD.	240	DAVE ENG. LTD.
241	NIKO ENGINEERING CO.	242	B.I.C.C. LTD.
243	IRON PRODUCTS IND.	244	CFAO QUALITEX CO.
245	ISYAKU RABIU AND SONS	246	NORTHERN PRODUCE CO.
247	TRANS ATLANTIC SHIPPING	248	APROFIM ENG. LTD.
249	EMBECHEM LTD.	250	OTIS OF NIGERIA LIMITED
251	STAR MODERN PAPER MILL LTD.	252	AERONAUTICAL INDUSTRIAL ENGINEERING AND PROJECT MANAGEMENT
253	WALE SEA FOODS LTD.	254	DANTATA AND SAWOE CONSTRUCTION COY NIG LTD.
255	RIRIWA MINES LIMITED	256	DORNIER
257	NIKO ENGINEERING LDT.	258	ALHAJ ABDUL GARARU YUSUF AND CO. (NIG) LTD.
259	NICON NUGA HILTON HOTEL	260	G.F. APPIO ASSOCIATES
261	NATIONAL DIRECTORATE OF EMPLOYMENT	262	NIGERIAN COMMUNICATIONS SATELLITE LIMITED
263	NATIONAL SPACE RESEARCH AND DEVELOPMENT AGENCY (NASRDA)		

NIU	Niue	

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
003 PRIVATE

002 NEW ZEALAND GOVERNMENT

NMB	Namibia	

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

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

NMB	Namibia		
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		

NOR	Norway		
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

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

NOR	Norway

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 TYSSSEFALDENE, TYSSDAL	073	GLOMFJORD KRAFTVERK, GLOMFJORD
074	SPACE NORWAY SATCOM AS	075	TROMSO SATELLITE STATION
076	TELENOR BROADBAND SERVICES AS, OSLO	077	NORWEGIAN SPACE CENTRE
078	VIZADA AS	079	STM NORWAY AS
080	INMARSAT SOLUTIONS AS	081	CUBESTAR PROJECT
082	HOGSKOLEN I NARVIK	083	NTNU
084	STARLINK NORWAY AS	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
090	SPACELOOP AS		

NPL	Nepal

A	MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY SINGHDURBAR KATHMANDU / NEPAL TELEFAX: +977 1 227310 TELEX: 0891 2600 MINCOM NP		
B	NEPAL TELECOMMUNICATION AUTHORITY KAMALADI KATHMANDU TELEX: 3161160 COMN IN		
C	HIS MAJESTY'S GOVERNMENT OF NEPAL, DEPARTMENT OF BROADCASTING, KATHMANDU		
001	MINISTRY OF PUBLIC WORKS, TRANSPORT AND COMMUNICATIONS	002	CIVIL AVIATION DEPARTMENT
003	RADIO NEPAL, SINGHA DURBAR, KATHMANDU	004	BRITISH GURKAS, NEPAL
005	NEPAL ACADEMY OF SCIENCE AND TECHNOLOGY		

NRU	Nauru (Republic of)

A	DIRECTOR OF TELECOMMUNICATIONS REPUBLIC OF NAURU TELEFAX: +674 4443111 TELEX: 0775 NRU IMC ZV33086		
B	SPECTRUM MANAGEMENT AGENCY P.O. BOX 78 BELCONNEN ACT 2616 AUSTRALIA TELEFAX: +61 6 256 5200		
001	NAURUAN ADMINISTRATION	002	ISLAND DEVELOPMENT AND INDUSTRY DEPARTMENT
003	SWANSAT/LEADING EDGE TECHNOLOGIES		

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

NZL	New Zealand

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
003 TELECOM CORP OF NZ
005 FOREST CORP. OF NZ
009 DEPT. OF SURVEY AND LAND INFORMATION
011 WORKS DEVELOPMENT SERVICES
014 POLICE DEPARTMENT
019 SHIPPING COMPANIES
021 MINISTRY OF TRANSPORT
026 CANTERBURY UNIVERSITY
029 APOGEE NETWORKS LTD.

031 ORBITAL ASTRONAUTICS LIMITED
033 SWARM TECHNOLOGIES, INC.

002 MARITIME SAFETY AGENCY
004 CIVIL AVIATION AUTHORITY
006 NEW ZEALAND GOVERNMENT
010 PRIVATE
012 ELECTRICORP
016 NZ RAIL LTD.
020 FIRE BOARDS
022 POWER BOARDS
028 OTAGO UNIVERSITY
030 INTERNATIONAL SATELLITE COMPANY LTD.
(ISC LTD.)
032 UNIVERSITY OF AUCKLAND
034 SPACE INSTITUTE TE PUNAHA ATEA

OCE	French Polynesia

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

B OFFICE DES POSTES ET TELECOMMUNICATIONS
DE LA POLYNESIE FRANCAISE
PAPEETE
TELEX: POSTELECO 530 FP

C MONSIEUR LE DIRECTEUR GENERAL
AGENCE NATIONALE DES FREQUENCES
78, AVENUE DU GENERAL DE GAULLE - BP400
94704 MAISONS ALFORT CEDEX
FRANCE
EMAIL: earthcoord@anfr.fr (Stations terriennes)
EMAIL: satcoord@anfr.fr (Services spaciaux excepté les stations terriennes)
EMAIL: tercoord@anfr.fr (Services de Terre)
TELEFAX: +33 1 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
003 OFFICE DES POSTES ET
TELECOMMUNICATIONS
005 AVIATION CIVILE
007 SERVICE METEOROLOGIQUE DES E.F.O.,
PAPEETE
009 SERVICE GEOGRAPHIQUE
011 AERONAUTIQUE MILITAIRE FRANCAISE
013 PORT AUTONOME DE PAPEETE
015 ELECTRICITE DE TAHITI
017 CENTRE NATIONAL D'ETUDES SPATIALES

002 MARINE NATIONALE
004 ADMINISTRATION DES P.T.T.
006 DEFENSE NATIONALE
008 HAUT COMMISSAIRE
010 CONSEIL SUPERIEUR DE L'AUDIOVISUEL
012 LABORATOIRE DE GEOPHYSIQUE
014 SERVICE DES TRAVAUX PUBLICS ET DES
MINES DE LA POLYNESIE FRANCAISE
016 GENDARMERIE NATIONALE
019 ADMINISTRATION DES PORTS ET DE LA
NAVIGATION MARITIME ET FLUVIALE

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

OMA	Oman

- A** MINISTRY OF TRANSPORT, COMMUNICATIONS AND INFORMATION TECHNOLOGY
P.O. BOX 338, RUWI
MUSCAT (OMAN)
PHONE: +968 24 166 790
TELEFAX: +968 24 685 011
TELEX: 04985625 MIN PTT ON
EMAIL: rashid.alalawi@mtcit.gov.om
- 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 |
| 016 OMAN LENS LLC | 017 ETCO SPACE |

PAK	Pakistan

- 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
- B** GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS
TELSİZ GENEL MÜDÜRLÜĞÜ (TGM)
06510 EMEK - ANKARA,
TURKEY
TELEFAX: +90 312 2213226
TELEX: 060744371 TGM TR
- C** NATIONAL POST AND TELECOM AGENCY
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEX: 054 40777 RADCON S
- D** UNITED NATIONS
FOR THE ATTENTION OF THE CHIEF
OF TELECOMMUNICATIONS OPERATIONS SECTION
ROOM S2035
NEW YORK NY10017
UNITED STATES
TELEX: 023289696
- E** DEPARTMENT OF STATE,
WASHINGTON D.C. 20520
- F** THE UNDER SECRETARY
MINISTRY OF COMMUNICATIONS
KUWAIT
TELEX: 0496 US PTT 22197 KT
- G** DIRECTORATE GENERAL OF TELECOMMUNICATIONS
MINISTRY OF PTT
P.O. BOX 15875-4415
15598 TEHERAN
ISLAMIC REPUBLIC OF IRAN
TELEX: 088212444 PTT IR
- | | |
|---|-----------------------------------|
| 001 DIRECTOR GENERAL, POSTS AND TELEGRAPHS | 002 GOVERNMENT OF PAKISTAN |
| 003 CIVIL AVIATION DIVISION | 004 KARACHI POLICE |
| 005 SIND POLICE | 006 BALUCHISTAN POLICE |
| 007 NORTH WEST FRONTIER POLICE | 008 PUNJAB POLICE |

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

PAK	Pakistan			
009	EAST BENGAL POLICE	010	NORTH WESTERN RAILWAYS	
011	EASTERN BENGAL RAILWAY	012	EMBASSY OF THE REPUBLIC OF TURKEY	
013	ROYAL PAKISTAN AIR FORCE	014	FOREIGN MISSION IN PAKISTAN	
015	SUPERINTENDENT OF POLICE WIRELESS EAST BENGAL, Dacca	016	SWEDISH GOVERNMENT	
017	SUPERINTENDENT OF POLICE TECHNICAL PUNJAB POLICE, LAHORE	018	DIRECTOR GENERAL RADIO, PAKISTAN, KARACHI	
019	ELECTRICITY (HYDEL) DEPT., PUNJAB	020	I.G.P. KARACHI	
021	D.G. RAILWAYS	022	UNITED NATIONS	
023	SUI GAS TRANSMISSION CO., LTD.	024	TELEVISION DIRECTORATE, MINISTRY OF INFORMATION AND BROADCASTING	
025	EMBASSY OF THE STATE OF KUWAIT	026	SUPARCO, KARACHI	

PAQ	Easter Island			

A SUBSECRETARIA DE TELECOMUNICACIONES
MINISTERIO DE TRANSPORTES Y
TELECOMUNICACIONES
AMUNATEGUI 139
SANTIAGO DE CHILE
TELEFAX: +56 2 6995138
TELEX: 034341156 SUBTEL CK

001 SERVICIO DE GOBIERNO

003 NASA - CHILE

005 DIRECCION METEOROLOGICA DE CHILE

002 DIRECCION DEL TRANSITO AEREO (FUERZA AEREA DE CHILE)

004 ENTEL CASILLA 4254

PHL	Philippines			

A COMMISSION ON INFORMATION AND COMMUNICATIONS
TECHNOLOGY
ROOM 125, G/F, CICT BUILDING
CARLOS P. GARCIA AVENUE, DILIMAN
1101 QUEZON CITY
PHILIPPINES
EMAIL: osec@cict.gov.ph
TELEFAX: +632 726 7130

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

001 ARMED FORCES OF THE PHILIPPINES

003 RCA COMMUNICATIONS, INC.

005 GLOBE-MACKAY CABLE AND RADIO CORPORATION

007 GLOBE WIRELESS LIMITED

009 CLAVECILLA RADIO SYSTEM

011 PHILIPPINE PRESS WIRELESS, INC., MANILA

013 RADIO CONTROL DIVISION

015 PORFIRIO T. MAIK, MANDALUYONG, RIZAL

017 PHILIPPINES AIR LINES, INC. MANILA

019 PHILIPPINE NAVAL PATROL

021 BUREAU OF TELECOMMUNICATIONS

023 DEPARTMENT OF STATE, WASHINGTON D.C. AND REPUBLIC OF THE PHILIPPINES, WASHINGTON D.C. AND MANILA

025 LORETO F. DE HEMEDES

027 MANILA RAILROAD COMPANY

029 ENRIQUE OROZCO, MANILA

031 PHILIPPINE LONG DISTANCE TELEPHONE CO.

033 MANILA CHRONICLE PUBLICATIONS

035 NATIONAL POWER CORPORATION

037 ITOGON MINING COMPANY, BAGUIO, MT. PROVINCE

039 COMMERCIAL AIR LINES, INC.

002 CIVIL AERONAUTICS ADMINISTRATION, MANILA

004 MANILA BROADCASTING CO., MANILA

006 UNITED PRESS ASSOCIATION

008 FAR EAST BROADCASTING (PHILIPPINES)

010 MARIANO ZAFRA, PASIG, RIZAL

012 PHILIPPINE CONSTABULARY, QUEZON CITY

014 FERNANDEZ HERMANOS, MANILA

016 USIA

018 J. AMADO ARANETA AND COMPANY

020 BUREAU OF PRISONS

022 CALTEX, PHILIPPINES

024 DEPARTMENT OF STATE, WASHINGTON D.C.

026 REPUBLIC OF THE PHILIPPINES

028 VICENTE ARANETA

030 WEATHER BUREAU

032 RICE AND CORN PRODUCTION

ADMINISTRATION

034 BUREAU OF PUBLIC WORKS, MANILA

036 MARSCON, INCORPORATED

038 UNITED PARACALE MINING COMPANY

040 GULF LUMBER COMPANY, INC.

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

PHL	Philippines		
041	J. V. BAGTAS, QUEZON CITY	042	SANTA CECILLA SAWMILLS, INC.
043	PHILIPPINE AIR FORCE, QUEZON CITY	044	AGVID CONSTRUCTION COMPANY
045	EMBASSY OF SINGAPORE	046	STANDARD COCONUT CORPORATION
047	CENTRAL AZUCARERA DEL NORTE C/O ELIZALDE AND CO.	048	FILIPINAS PIONEER
049	SAMAR MINING CO., C/O ELIZALDE AND CO.	050	LA CARLOTA SUGAR CENTRAL, C/O ELIZALDE AND CO.
051	ANAKAN LUMBER COMPANY C/O ELIZALDE AND CO.	052	ELIZALDE AND CO.INC., MAKATI, RIZAL
053	NORTH CAMARINES LUMBER COMPANY	054	ROSENO MAGLASANG, CEBU CY.
055	FRANCISCO RAVINA	056	ERMITA ELECTRONICS
057	PHILIPPINE NAVY, MANILA	058	PHILIPPINE BROADCASTING CORPORATION
059	SILLIMAN UNIVERSITY, DUMAGUETE CITY, NEGROS ORIENTAL	060	CEBU BROADCASTING COMPANY, CEBU CITY, CEBU
061	BUREAU OF COAST AND GEODETIC SURVEY	062	GOLDEN RIBBON LUMBER COMPANY
063	PHILIPPINE OIL DEVELOPMENT COMPANY	064	BINALBAGAN-ISABELA SUGAR CO. INC.
065	ACOJE MINING COMPANY	066	LUZON STEVEDORING COMPANY, MANILA
067	LEGASPI OIL CO., INC.	068	LIBERTY BCTG. NETWORK, BACOR, CAVITE
069	HIJOS DE F. ESCANO INC, CEBU CY.	070	INTERNATIONAL BROADCASTING DIVISION, UNITED STATES DEPARTMENT OF STATE, U.S. EMBASSY, MANILA
071	BOLINAO ELECTRONICS CORPORATION	072	CENTRAL AZUCARERA DEL DANA, ESCALANTE, OCC. NEGROS.
073	FRIEDER AND SONS AND CANTILLAN LUMBER COMPANY	074	SAN MIGUEL BREWERY
075	LASEDECO	076	CEBU PORTLAND CEMENT COMPANY
077	BUREAU OF FISHERIES	078	MARIO LIZARES, BACOLOD CITY, NEGROS OCCIDENTAL
079	FRANCISCO P. CERVANTES	080	DEPARTMENT OF NATIONAL DEFENCE
081	LAS ARENAS	082	DOLE PHIL.
083	FREEDOM BROADCASTING	084	UNIVERSITY OF THE PHILIPPINES, QUEZON CITY
085	MANILA TIMES PUBLISHING CO., MANILA	086	PANIKUI SUGAR MILLS
087	SEGUNDO LUSTRE JR., S. DELMONTE, BULACAN	088	MISAMIS RICE AND CORN CORPORATION
089	MINDANAO COLLEGES	090	G. PUYAT AND SONS INCS.
091	RADIOWEALTH INC.	092	EASEL AND COMPANY
093	TEODORO P. ALBERTO	094	TEODORO ROMASANTA INC, MANILA
095	BUREAU OF QUARANTINE SERVICE	096	VOICE OF AMERICA, UNITED STATES, STATE DEPARTMENT
097	UNIVERSAL TELECOMMUNICATIONS SERVICE, BULACAN, BULACAN	098	METROPOLITAN WATER DISTRICT
099	ASSOCIATED STEAMSHIP LINES	100	MARINDUQUE MINING AND INDUSTRIAL CORPORATION
101	NEW TRIBES MISSION OF THE PHILIPPINES	102	U.S. GOVERNMENT
103	NORTHERN BCTG. CO.	104	CARLOS A. CO. THONG AND CO.
105	(INK) IGLESIA NI KRISTO	106	MISSIONARY AVIATION FELLOWSHIP
108	BUTUAN LOGS INC.	109	HERCULES LUMBER
111	U.S. AIR FORCE	112	PROGRESSIVE BUSINESS INSTITUTE
113	ATENEO DE CAGAYAN	114	CENTRAL RADIO AND ELECTRONICS SCHOOL
115	AMERICAN RADIO SCHOOL	116	ABELLANA TECHNICAL HIGH SCHOOL
117	CEBU INSTITUTE OF TECHNOLOGY	118	CEBU POLYTECHNIC SCHOOL
119	CEBU TECHNICAL SCHOOL	120	NATIONAL RADIO SCHOOL AND INSTITUTE OF TECHNOLOGY
121	CENTRAL RADIO ELECTRONICS	122	SOUTHERN INSTITUTE OF RADIO AND ELECTRONICS
123	METROPOLITAN INSTITUTE OF TECHNOLOGY	124	CENTRAL INSTITUTE OF TECHNOLOGY
125	FEATI INSTITUTE OF TECHNOLOGY	126	GENERAL INSTITUTE OF TECHNOLOGY
127	GUZMAN INSTITUTE OF TECHNOLOGY	128	INSTITUTE OF RADIO ELECTRONICS
129	REPUBLIC RADIO ELECTRONICS INSTITUTE	130	RADIO TRAINING INSTITUTE
131	HENRY CANOY	133	MARIA CRISTINA CHEMICAL INDS.
134	LAND SETTLEMENT DEVELOPMENT CO.	136	BARTOLOME SAN DIEGO
137	FELIX ALBERTO, MANDALUYONG, RIZAL	138	GOLEDA
139	SAN MAURICIO MINING CO., INC	140	MARBLE CORPORATION OF THE PHILIPPINES
141	SEGUNDO SANTOS	143	MA-AO SUGAR CENTRAL CO. INC., BACOLOD CY.
144	MARTHA ENTERPRISES, INC.	145	PHIL. PACKING CORP.
147	BASILAN LUMBER	148	A. J. WILLS
149	ANG. TIBAY, INC.	150	PHILIPPINE NATIONAL RED CROSS
151	MARIANO LACSON	152	METROPOLITAN BROADCASTING CO.
154	NATIONAL TEACHERS COLLEGE	155	JORGE J. TIRADOR
156	KENRAM (PHIL) INC.	159	MONSERRAT BROADCASTING SYSTEM
160	CITY ENGINEER, MANILA	161	LAPU-LAPU BROADCASTING CO. INC.
162	NOTRE DAME BROADCASTING CORP.	163	NORTH LUZON MAHOGANY EXPORT INC.
164	EDUARDO LOPEZ	165	PUTONAY DEV. CO. INC.
166	BELLO M. CASANOVA	167	ATLAS CONSOLIDATED MINING AND DEVELOPMENT CORPORATION

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

PHL	Philippines		
168	MARSMAN AND CO., INC.	169	WESTERN CAGAYAN LUMBER CO. INC.
170	LIWAYWAY PUBLICATIONS, INC.	171	HONORIO REYES
172	BALDOMERO A.DAVID,NAVOTAS,RIZAL	173	ELISEO LEMI AND CO.
175	BUREAU OF CUSTOM	177	GAUDENCIO S. MANALAC
178	JOSEPH DE CASTRO	179	RADIO COMMUNICATIONS OF THE PHILIPPINES
181	ZOILLO E. MASCULINO	182	RICARDO P. OCAMPO
183	H. R. LOPEZ	184	CESAR T. MAKAPUGAY,QUEZON CY.
185	INTERNATIONAL COMM. CORP.	186	FORTUNATO S. REGALADO
188	PHILIPPINE IRON MINES INC.	189	BACNOTAN CEMENT INDUSTRIES
190	PLYWOOD INDUSTRIES INC.	192	MAINIT LUMBER AND DEVELOPMENT CO.
193	TARLAC DEVELOPMENT CO.	194	CIVIL DEFENCE ADMINISTRATION
195	ESSEL, INC.	196	CENTRAL PHILIPPINES BC COMPANY
198	OCEANIC WIRELESS NETWORK, INC.	199	PACIFIC BROADCASTING SYSTEM, INC.
200	A. L. AMMEN	201	SALT INDUSTRIES
202	DEMOCRITO O. PLAZA	203	ALFREDO NER
204	AGUINALDO DEVELOPMENT CO.	205	COMPANIA MARITIMA
207	SAN JOSE OIL CO., INC.	208	TAGUM AGRICULTURAL DEVELOPMENT CO., INC.
209	L. S. SARMIENTO AND CO., INC.	210	WESTERN MINDANAO LUMBER CO., INC.
211	MANILA YELLOW TAXI, INC.	212	JORGE D. BAYONA
213	SARANGANI CATTLE CO., INC.	214	ARAS-ASAN TIMBER CO., INC.
215	BUENO VALERIANO	216	RADIO PHILIPPINES NETWORK INC.
217	COTTAGE DEVELOPMENT CORPORATION	219	PHILIPPINES WIRELESS INC.
220	NATIONAL FEDERATION OF SUGAR	221	BENJAMIN ROMUALDEZ
222	ALLIED BROADCASTING CENTER	223	FILIPINAS BROADCASTING NETWORK, INCORPORATED
224	CHRONICLE BROADCASTING NETWORK	225	NATIONAL COUNCIL OF CHURCHES
226	ASSOCIATED BCTG. CORP.	227	BLINAC ELECTRONICS CORP. ALTO BCTG. SYSTEM CHRONICLE BROADCASTING NETWORK (ABS/CBN)
228	ZOILLO DEJARESCO JR	229	SUSANO MAXILOM
230	MARCELO VILLABA	231	L.N. AGUSTIN FARMS
232	CATHOLIC WELFARE ORG.	233	RADIO MINDANAO NETWORK
234	PEDRO ROA	235	BAYANIHAN BROADCASTING CORP.
236	EAGLE BCTG. CORP.	237	BULLETIN RADIO NETWORK
238	ADELEIDA ZARAGOSA,MANDALUYONG,RIZAL	239	VISAYAS MINDANAO CONFEDERATION OF TRADE UNIONS
240	MANILA BANKING CORP.	241	HERNIE BALDO
242	MAGUGPO AGRI. DEV. CORP.	243	FAR EAST BUSINESS ENT.
244	LEPANTO CONSOLIDATED MINING CO.	245	LUNA TIMBER CO.
246	TELEMARINE CO.	247	MICROWAVE COMMUNICATION SYSTEM
248	KAYUMANGI RADIO NETWORK	249	R.C.P.I.
250	CELIA FISHING CORP.,NAVOTAS,RIZAL	251	EUSEBIO SHIPPING LINES,CEBU
252	PHILIPPINES FISCHERIES COMMISSION,MANILA	253	PHIL. COAST AND GEODETIC SURVEY,MANILA
254	PHILIPPINE PRESIDENT LINES INC.,MANILA	255	RJL MARTINEZ FISHING CORP.,MALABON RIZAL
256	FRABAL FISHING INDUSTRIES,MANILA	257	FELIX ALBERTO AND CO. INC.,BACOR,CAVITE
258	HERNIE E.BALDO,NOVALICHES,RIZAL	259	PHIL GLOBAL COMMS.INC.,BALAGTAS,BULACAN
260	TEODORO ALBERTO,ANTIPOLO,RIZAL	261	ROBERTO GAYA,MANILA
262	GLOBE-MACKAY,LAS PINAS,RIZAL	263	AMADO L. OLA,DAVAO CY.
264	MALAYAN TOWAGE AND SALVAGE CORP.,MAKATI,RIZAL	265	GIL L.MATIAS,VALENZUELA,BULACAN
266	STANDARD (PHLIS) FRUIT CORP.,DAVAO CY.	267	CARLOS GO THONG AND CO,CEBU CY.
268	TOP SERVICE INC.,MANILA	269	NORTHERN LINES INC.,MANILA
270	ABOITIZ SHIPPING CORP.,NO HARBOR MANILA	271	MENFISHCO INC.,MANILA
272	SEVEN BROTHERS SHIPPING CORP.,MAKATI,RIZAL	273	SEA GEMS FISHING CORP.,QUEZON CY.
274	VICTORIAS MILLING CO. INC.,VICTORIAS,NEG.OCC.	275	BALDOMERO A.DAVID,NAVOTAS,RIZAL
276	MARTIMAN AND CO.INC.,MALABON,RIZAL	277	DOMESTIC SATELLITE PHL.INC, MADRIGAL BDG. AYALA AVE., MAKATI
278	METROPOLITAN BANK AND TRUST CO.	279	PACKAGING STANDARD, PHL, INC.
280	S CLARA LUMBER, INC.	281	TOMAS SANTIAGO
282	DESIDERIO DALISAY INVESTMENT INC.	283	COTABATO VISAYAN DEV. CORP.
284	ALTA TEIRRA RESOURCES	285	ELENA CO. HARDWARE
286	NICANOR B. AVES	287	ASSOCIATED AGR ACTIV. INC.
288	RICSAN DEV. CORP.	289	ACOJE MINING CO. INC.
290	ALLIED BANKING CORP.	291	EASTERN TELECOMS PHILIPPINES, INC.
292	CAPITOL WIRELESS	293	CAGAYAN RICE CENTER.
294	NEW TRIBES MISSION.	295	TAGRUM AGRI. DEV.
296	PHIL. PACKING CORP.	297	U.S.N.

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

PHL	Philippines

298	AG. AND P.	299	FORTUNE EXPREESS
300	CABRERA INDUSTRIES	301	TALAHAG TIMBER
302	EMBASSY OF AUSTRALIA	303	EMBASSY OF MALAYSIA
304	EMBASSY OF JAPAN	305	PHILIPPINE AGILA SATELLITE, INC.
306	DOST - ADVANCE SCIENCE AND TECHNOLOGY INSTITUTE	307	PHILIPPINE SPACE AGENCY

PHX	Phoenix Islands

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

PLM	Palmyra Island

A FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU
ATTENTION: MR. RICHARD B. ENGELMAN
2000 M STREET
ROOM 868, STOP CODE #0800C
WASHINGTON DC 20554 / UNITED STATES OF AMERICA
TELEFAX: +1 202 418 1208 / 0398
TELEX: 025 VIA TWX 7108220160

B DEPARTMENT OF STATE
WASHINGTON D.C. 20520

PLW	Palau (Rep. of)

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

PNG	Papua New Guinea

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
EMAIL: licensing@nicta.gov.pg
TELEFAX: +675 325 6868 /300 4829

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

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

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

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

POL	Poland
A	OFFICE OF ELETRONIC COMMUNICATIONS 18/20 KASPRZAKA STREET 01-211 WARSAW REPUBLIC OF POLAND EMAIL: a.strezynska@uke.gov.pl TELEFAX: +48 22 53 49 155 PHONE: +48 22 53 49 156
001 003 005	GŁOWNY INSPEKTORAT LOTNICTWA CYWILNEGO POLSKIE KOLEJE PANSTWOWE UNIWERSYTET MIKOŁAJA KOPERNIKA, TORUN
007 009 011 013	STOCZNIA GDYNIA S.A. RADIO RMF-FM AMBASSADE DE FRANCE, VARSOVIE MINISTERSTWO ZDROWIA I OPIEKI SPOLECZNEJ
015 017 019	CENTRALNY URZAD GEOLOGII POLSKIE TOWARZYSTWO TURYSTYCZNO- KRAJOZNAWCZE ZWIAZEK HARCERSTWA POLSKIEGO
021 023 025	MINISTERSTWO SPRAWIEDLIWOSCI REUTERS MINISTERSTWO OCHRONY SRODOWISKA, ZASOBOW NATURALNYCH I LESNICTWA
027 029	TELEWIZJA POLSKA S.A. MINISTERSTWO TRANSPORTU I GOSPODARKI MORSKIEJ
031 033	AMBASSADE DU CANADA, VARSOVIE RADIO OKO, OSTROLEKA
035 037 039 041	MINISTERSTWO KULTURY I SZTUKI INSTYTUT BADAN JADROWYCH PORT LOTNICZY WROCLAW SA MINISTERSTWO GOSPODARKI PRZESTRZENNEJ I BUDOWNICTWA
043 045 047 049	MORSKA OBSLUGA RADIOWA STATKOW POLSKA AKADEMIA NAUK INSTYTUT LACZNOSCI AMWAY
051 053 055 057 059	CENTRALNY ZESPOL LOTNICTWA SANITARNEGO PPIUR "KUTER", DARLOWO PPIUR "BARKA", KOŁOBRZEG URZAD MORSKI W SLUPSKU POLSAT
061 063 065 067 069 071	URZAD MORSKI W GDYNI POLSKIE RATOWNICTWO OKRETOWE POLSKI ZWIAZEK KROTKOFALOWCOW UNIWERSYTET WROCLAWSKI PPDIUR "ODRA", SWINOUJSCIE PRZEDSIEBIORSTWO ROBOT CZERPALNYCH I PODWODNYCH
073 075 077	SPRM "BALTYK", KOŁOBRZEG AEROKLUB BIELSKO-BIALSKI AEROKLUB SLUPSKI
079	AKADEMIA GORNICZO-HUTNICZA, KRAKOW
081 083 085 087 089 091	PRZEDSIEBIORSTWO USLUG LOTNICZYCH INSTYTUT MECHANIZACJI BUDOWNICTWA RADIO KOLOR, WARSZAWA AEROKLUB ELBLASKI S.I.T.A. KEDUTAAN BESAH REPUBLIK INDONESIA, WARSZAWA
093 095	ZBE "METEKON", KATOWICE KONINKLIJKE LUCHTVAART MAATSCHAPPIJ N.V.
097 099 101 103	CENTRALNE OBSERWATORIUM GEOFIZYCZNE PAN UNIWERSYTET GDANSKI POLITECHNIKA SLASKA, GLIWICE SAD APPLE COMPUTER INC.
002 004 006	POLSKIE RADIO S.A. ZARZAD PORTU SZCZECIN-SWINOUJSCIE INSTYTUT METEOROLOGII I GOSPODARKI WODNEJ
008 010 012 014	TELEKOMUNIKACJA POLSKA S.A. AEROKLUB WARSZAWSKI POLSKA AGENCJA PRASOWA AEROKLUB POLSKI
016 018	AMBASSADE D'ALGERIE, VARSOVIE GORSKIE OCHOTNICZE POGOTOWIE RATUNKOWE
020 022 024 026	MINISTERSTWO ROLNICTWA I GOSPODARKI ZYWMOSCIOWEJ POLITECHNIKA WARSZAWSKA PANSTWOWA KOMUNIKACJA SAMOCHODOWA MINISTERSTWO PRZEMYSLU I HANDLU
028 030	INSTYTUT LOTNICTWA AMERICAN EMBASSY, WARSAW
032 034	ODGW, SZCZECIN MINISTERSTWO WSPOLPRACY GOSPODARCZEJ Z ZAGRANICA
036 038 040 042	URZAD KULTURY FIZYCZNEJ I TURYSTYKI P.P. "RUCH" MINISTERSTWO EDUKACJI NARODOWEJ INSTYTUT TELE- I RADIOTECHNICZNY
044 046 048 050 052 054 056 058 060 062 064 066 068 070 072	POLSKIE LINIE LOTNICZE "LOT" AMBASCIATA D'ITALIA, VARSAVIA DELTA AIR LINES SUOMEN SUURLAEHETYSTOE, VARSOVA WSK PZL "MIELEC" PPIUR "KORAB", USTKA SPRM "BELONA", DZIWNOW URZAD MORSKI W SZCZECINIE PPIUR "KOGA", HEL AMINO S.A. PPIUR "SZKUNER", WLADYSLAWOWO POLSKI ZWIAZEK ALPINIZMU MINISTERSTWO SPRAW ZAGRANICZNYCH SUN MICROSYSTEMS AMERSFOORT AEROKLUB OSTROWSKI
074 076 078	ODRATRANS S.A. GŁOWNY URZAD CEL INSTYTUT BUDOWNICTWA WODNEGO PAN, GDANSK
080 082 084 086 088 090 092	INSTYTUT AUTOMATYKI SYSTEMOW ENERGETYCZNYCH, WROCLAW AKADEMIA WYCHOWANIA FIZYCZNEGO, POZNAN AEROKLUB MIELECKI ZPT "ORBIS" BRITISH AIRWAYS AKADEMIA MEDYCZNA, GDANSK RADIO MARYJA
094 096	KOMBINAT GEOLOGICZNY "POLNOC" PBNIG "NAFTOGAZOBUDOWA"
098	SZKOLA GŁOWNA GOSPODARSTWA WIEJSKIEGO
100 102 104	INSTYTUT BIOLOGII DOSWIADCZALNEJ PAN WYZSZA SZKOLA EKONOMICZNA, POZNAN POLITECHNIKA SZCZECINSKA

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

POL	Poland		
105	RADIO RAZEM, WARSZAWA	106	PANSTWOWY SZPITAL KLINICZNY NR.3, GDANSK
107	INSTYTUT GEOFIZYKI PAN	108	BOTSCHAFT DER BUNDESREPUBLIK DEUTSCHLAND, WARSZAWA
109	AUSTRIAN AIRLINES	110	PRZEDSIEBIORSTWO POSZUKIWAN NAFTY I GAZU
111	RCI "PESEL"	112	ZARZAD ZAMKU KROLEWSKIEGO W WARSZAWIE
113	CENTRUM MEDYCYN DOSWIADCZALNEJ I KLINICZNEJ PAN	114	POLITECHNIKA WROCLAWSKA
115	P.P. PORTY LOTNICZE	116	C N P S L
117	DEUTSCHE LUFTHANSA A.G.	118	PBOUP "BUDOPOL"
119	KGHM "POLSKA MIEDZ", LUBIN	120	ZEGLUGA SZCZECINSKA
121	STOCZNIA GDANSKA	122	GDANSKA STOCZNIA REMONTOWA IM. J. PILSUDSKIEGO
123	STOCZNIA REMONTOWA "NAUTA", GDYNIA	124	SZCZECINSKA STOCZNIA REMONTOWA "GRYFIA"
125	STOCZNIA POLNOCNA IM. BOHATEROW WESTERPLATTE, GDYNIA	126	STOCZNIA SZCZECINSKA S.A.
127	AMBASADA FR JUGOSLAVIJE, VARSAVA	128	EMBASSY OF NIGERIA, WARSAW .
129	RADIO ZIEMI WIELUNSKIEJ	130	MAGYAR KOZTARSASAG NAGYKOVETSEGE, VARSO
131	WYZSZA SZKOLA MORSKA, GDYNIA	132	AMBASADA CHINSKIEJ REPUBLIKI LUDOWEJ, WARSZAWA
133	AEROKLUB LUBELSKI	134	AMBASSADE DE SUISSE, VARSOVIE
135	TURKIYE BUYUKELCILIGI, WARSZAWA	136	VELVYSLANECTVI CESKE REPUBLIKY, VARSAVA
137	AMBASADA FEDERACJI ROSYJSKIEJ, WARSZAWA	138	P.P.E.Z.R.G "PETROBALTIC"
139	AMBASSADE VAN HET KONINKRIJK DER NEDERLANDEN, WARSZAWA	140	AMBASSADE DE LA REPUBLIQUE DE BULGARIE, VARSOVIE
141	AMBASADA SR WIETNAMU, WARSZAWA	142	KUNGLIGA SVENSKA AMBASSADEN, WARSZAWA
143	OESTERREICHISCHE BOTSCHAFT, WARSZAWA	144	KGL NORSK AMBASSADE, WARSZAWA
145	BRITISH EMBASSY, WARSAW	146	SIEMENS-NIXDORF
147	UNIVERSYTET WARSZAWSKI	148	EMBASSY OF THE REPUBLIC OF SOUTH AFRICA, WARSZAWA
149	MORSKA AGENCJA, GDYNIA	150	ABB
151	RZGW, WROCLAW	152	RADIO ZET
153	CANAL PLUS	154	RADIO "LAN", PROSZOWICE
155	RADIO WAWA	156	RADIO PLUS, GDANSK
157	KATOLICKIE RADIO PODLASIA	158	RADIO CENTRUM, KALISZ
159	RADIO GO, GORZOW WIELKOPOLSKI	160	RADIO ALEX, ZAKOPANE
161	RADIO CENTRUM, LUBLIN	162	POLSKA ZEGLUGA BALTYCKA
163	RADIO KLEKS, BIELSKO-BIALA	164	POLSKA ZEGLUGA MORSKA
165	RADIO POMOZE, BYDGOSZCZ	166	RADIO WEEKEND, CHOJNICE
167	RADIO INOWROCLAW	168	CITY RADIO, CZESTOCHOWA
169	RADIO ARNET, GDANSK	170	RADIO SUD, KEPNO
171	RADIO JAROCIN	172	RADIO LETA, WODZISLAW SLASKI
173	RADIO PLESINO, PSZCZYNA	174	RADIO VANESSA, RACIBORZ
175	RADIO REJA, SZCZECINEK	176	RADIO POLNOC, KOSZALIN
177	RADIO KOLOBRZEG	178	RADIO ALFA, WEGRZCE
179	RADIO LEGNICA	180	RADIO ELKA, GOSTYN
181	RADIO PARK, KEDZIERZYN	182	RADIO PRO KOLOR, OPOLE
183	RADIO PIOTRKOW	184	RADIO WINOGRADY, POZNAN
185	RADIO 100, POZNAN	186	RADIO AFERA, POZNAN
187	RADIO S, POZNAN	188	RADIO PULS, PLOCK
189	RADIO REKORD FM, RADOM	190	RADIO 5, SUWALKI
191	RADIO KORMORAN, WEGORZEWO	192	RADIO VIGOR FM, SLUPSK
193	RADIO CITY, SLUPSK	194	RADIO KIKS, LODZ
195	ZEGLUGA BYDGOSKA	196	RADIO SUDETY, DZIERZONIOW
197	RADIO CLASSIC, LODZ	199	RADIO DELTA, BIELSKO-BIALA
200	RADIO PM, KWIDZYN	201	RADIO EMISJA, KATOWICE
202	SBB RODLO, BYTOM	203	RADIO DARLOWO
204	RADIO AKADEMICKIE KRAKOW	205	ART-PRESS, LUBLIN
206	RADIO WIBOR, NOWY SACZ	207	RADIO WA-MA, OLSZTYN
208	RADIO BOSS, PLOCK	209	RADIO HIT-FM, MIELEC
210	RADIO GOLENIOW	211	POMORSKA STACJA RADIOWA
212	RADIO ABC, SZCZECIN	213	RADIO OPATOW
214	RADIO REGIONALNE LELIWA, TARNOBRZEG	215	RADIO GRA, TORUN
216	RADIO TORUN	217	BRW MODOX, WALBRZYCH
218	RADIO MAZOWSZE, LOMIANKI	219	KATOLICKIE RADIO JOZEF, WARSZAWA
220	RADIO 44, SWINOUJSCIE	221	RADIO LEBORK
222	RADIO ILAWA	223	RADIO RADOM
224	POLSKIE RADIO POMORZA I KUJAW S.A.	225	RADIO FAMA, KIELCE
226	RADIO BIALYSTOK S.A.	227	RADIO GAGA, BELCHATOW
228	RADIO KATOWICE S.A.	229	RADIO LUBLIN S.A.
230	RADIO GDANSK S.A.	231	RADIO FAMA, OPOLE

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

POL	Poland		
232	RADIO KRAKOW S.A.	233	RADIO OLSZTYN S.A.
234	RADIO KATOLICKIE, ZBROSZA DUZA	235	SZCZECIN-PILOT
236	RADIO MERKURY S.A.	237	RADIO FAMA, SOCHACZEW
238	GER-POL SHIPPING FORWARDING CO. LTD.	239	RADIO LODZ S.A.
240	MORSKA AGENCJA, SZCZECIN	241	RADIO SOPOT
242	RADIO RZESZOW S.A.	243	CARGO SERVICE, SZCZECIN
244	STUDENCKIE RADIO RZESZOW	245	WYZSZA SZKOŁA MORSKA, SZCZECIN
246	RADIO BIS, BIALYSTOK	247	SZCZECIN RHENUS
248	RADIO VOX, BYDGOSZCZ	249	P.B.H. "ODRA-3", SZCZECIN
250	RADIO FON, CZESTOCHOWA	251	RADIO EL, ELBLAG
252	RADIO ESKA NORD, GDYNIA	253	RADIO MRFM
254	RADIO FLASH, ZABRZE	255	RADIO TOP, KATOWICE
256	RADIO REZONANS, SOSNOWIEC	257	RADIO KONIN
258	RADIO BLUE, GDOW	259	KATOLICKIE RADIO LEGNICA
260	RADIO PULS, LUBLIN	261	STACJA OLSZTYN
262	RADIO O'LE, OPOLE	263	RADIO PILA
264	RADIO RMI, POZNAN	265	STACJA RADOM
266	RADIO PLAMA, SZCZECIN	267	RADIO TARNOW
268	RADIO OBYWATELSKIE POZNAN	269	RADIO ESKA, WARSZAWA
270	RADIO HARCOWKA, WALBRZYCH	271	RADIO KLAKSON, WROCLAW
272	PORT RYBACKI "GRYF", SZCZECIN	273	RADIO LAS VEGAS, RACIAZEK
274	RADIO WLOCLAWEK	275	RADIO MANHATTAN, LODZ
276	RADIO DLA CIEBIE, S.A.	277	RADIO WROCLAW, S.A.
278	RADIO AKADERA, BIALYSTOK	279	EUROAFRYKA SZCZECIN
280	RADIO KOLOR, WROCLAW	281	RADIO EL, BYDGOSZCZ
282	RADIO NIEPOKALANOW	283	ARCHIDIECEZJALNA ROZGLOSNIARADIODWA, POZNAN
284	RADIO KATOLICKIE DIECEZJI KALISKIEJ	285	RADIO PLUS, GLIWICE
286	RADIO AVE MARYJA, PRZEMYSL	287	RADIO DIECEZJI RZESZOWSKIEJ
288	LOWICKIE RADIO KATOLICKIE	289	RADIO SZCZECIN S.A.
290	RADIO ZACHOD S.A.	291	KATOLICKIE RADIO PLOCK
292	RADIO OPOLE S.A.	293	RADIO KOSZALIN S.A.
294	KATOLICKIE RADIO RODZINA, WROCLAW	295	MORSKA STOCZNIA REMONTOWA S.A., SWINOUJSCIE
296	PIRS, SWINOUJSCIE	297	DIECEZJALNE RADIO "JEDNOSC", KIELCE
298	KATOLICKIE RADIO "AS", SZCZECIN	299	GAC NORPOL SHIPPING, SZCZECIN
300	TECHMARIN, SWINOUJSCIE	301	SHIPSERVICE, SZCZECIN
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	RENTTRANS 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

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

POL	Poland

381	ATRA, GDANSK	382	ARAMIS SHIPPING, GDYNIA
383	TRANS-ROL, CIGACICE	385	NAWIGATOR SHIPPING, GDANSK
386	PORT WISLANY, GDANSK	388	BSS SHIPHANDLERS S.C., GDYNIA
389	POLSTEAM SHIPPING AGENCY, SZCZECIN	390	PORTA PETROL, SZCZECIN
391	LECH-POL, SZCZECIN	392	PORT JACHTOWY LEBA
393	RZGW, POZNAN	394	BALTIC GDYNIA
395	P.H. OLIMPIC S.C., GDYNIA	397	SOLO MAR, DARKOWO
398	OSRODEK SPARTU, GDYNIA	399	PKN ORLEN S.A. GDANSK
400	PORT HOL; SWINOUJSCIE	401	TERMINAL PROMOWY, SWINOUJSCIE
402	URZAD ZEGLUGI SRODLADOWEJ, SZCZECIN	403	SPACE RESEARCH CENTRE, POLISH ACADEMY OF SCIENCES
404	SATREVOOLUTION S.A.	405	ACADEMICA FUNDACJA STUDENTOW I ABSOLWENTOW AGH
406	KP LABS SP. Z O.O.	407	MINISTERSTWO CYFRYZACJI
408	THORIUM SPACE SP. Z.O.O.,	409	Creotech Instruments S.A.
410	MINISTERSTWO OBRONY NARODOWEJ	411	EYCORE SP. Z O.O.
412	AGENCJA ROZPOZNANIA GEOPRZESTRZENNEGO I USLUG SATELITARNYCH		

POR	Portugal

A	AUTORIDADE NACIONAL DAS COMUNICACOES (ANACOM) RUA RAMALHO ORTIGÃO, 51 1099-099 LISBOA 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.
014	REPRESENTACOES DIPLOMATICAS	015	CEIIA - CENTRO DE ENGENHARIA E DESENVOLVIMENTO
016	LUSOSPACE - PROJECTOS DE ENGENHARIA, LDA	017	WEATHER STREAM, UNIPESSOAL, LDA.

PRG	Paraguay

A	COMISION NACIONAL DE TELECOMUNICACIONES - CONATEL YEGROS NO 437 Y 25 DE MAYO EDIF. SAN RAFAEL - 20 PISO ASUNCION EMAIL: presidencia@conatel.gov.py PHONE: +595 21 44 0020 TELEFAX: +595 21 498888		
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
022	AGENCIA ESPACIAL DEL PARAGUAY - AEP		

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

PRU	Peru		
A	DIRECCION GENERAL DE TELECOMUNICACIONES, MINISTERIO DE TRANSPORTES, COMUNICACIONES, AV. ZORRITOS 1203 LIMA 1 EMAIL: ipacheco@mtc.gob.pe PHONE: +51 1 615 7607 7498 TELEFAX: +51 1 615 7608 / 7784		
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	"DELCAR" 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
057	PERUVIAN CORP.	058	MINISTERIO FOMENTO
059	CIA DE PRODUCCIONES RADIALES Y TV	060	CORP. PERUANA DEL SANTA
061	COMPANIA PERUANA PRODUCTOS DEL MAR	062	TERMINALES PERUANOS S.A.
063	NEGOCIACION SUR-PERUANA S.A.	064	EMP. ELECTRICAS ASOCIADAS
065	CIA NORTHERN PERU MINING	066	CONS. MINERO DEL PERU
067	CIA ADMIN. DEL GUANO	068	MINISTERIO DE GOBIERNO
069	CERRO DE PASCO CORP.	070	CORPORACION DE SANEAMIENTO DE LIMA (COSAL)
071	COMPANIA EXPLOTADORA MINA S. AUGUSTIN	072	MISION SAUTI S.P.A.
073	EMP. PETROLIFERA FISCAL	074	CABLE WEST COAST TELEGRAPH CO. LTDA.
075	CIA PETRILEO GANZO AZUL	076	CIA MINERA CAMZA
077	CIA IRRIGADORA NACIONAL	078	CIA ADMINISTRADORA DE MINAS
079	CIA MINERA HUAMACHUCO	080	CIA MINERA TARICA
081	INSTITUTO GEOGRAFICO MILITAR	082	FABRICA TEJIDO MARANGANI
083	BANCO MINERO DEL PERU	084	SINDICATO MINERO DE PARCOY
085	CIA PESQUERA COISHCO	086	DIRECCION DE FERROCARRILES
087	MINISTERIO MARINA	088	CORP. PERUANA VAPORES
089	CIA CARBONERA ANCOS	090	CIA BARCAS PESQUERAS PERUANAS S.A.
091	SOC. AGRICOLA PUCALA LTDA.	092	"RADIO TACNA" JOSE CACERES BERNAL
093	CIA MINAS DEL PERU	094	GOBIERNO DEL PERU
095	CENTRAL CHUCARAPI S.A.	096	CONSORCIO DE INGENIEROS CONTRATISTAS GENERALES S.A.
097	CIA MINERA CASTROVIRREYNA	098	NEG. AZUCARERA LAREDO
099	RADIO "HUANCAYO" ALFREDO ELEJALDE	100	RICHMOND OIL CIA
101	ROSA V. DE FORZONI	102	CIA MINAS CERCAPUQUIO
103	CILLONIZ-OLAZABAL-URQUIAGA S.A.	104	CIA MINERA STO. TORIBIO
105	CIA MINERA HUANCA	106	V. SANCHEZ AIZCORBE
107	PERUVIAN CHEMICAL	108	AGRICOLA IND. VALOR
109	NEGOCIACION AGRICOLA COLLACACHI	110	EMP. AGRICOLA MORERILLA S.A.
111	CHAVIN MINES CORPORATION	112	CIA PERUANA ALIMENTOS LACTEOS S.A.
113	CIA IRRIGADORA CHIMBOTE	114	CIA MINERA ATACOCCHA S.A.
115	CIA MINERA PATIVILCA S.A.	116	NEGOCIACION CIENEGUILLAS S.A.
117	CIA MINERA CHANCHAMINA	118	CIA MINERA POSCO S.A.

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

PRU	Peru		
119	LE TOURNEAU DEL PERU, INC.	120	MINAS DE MILLIACOCOA S.A.
121	MINAS VENTUROSA S.A.	122	ARTEMIO DEL SOLAR
123	MARCONA MINING COMPANY	124	SOCIEDAD GANADERA CHOTA MOTIL
125	CUERPO REGIONAL DE BOMBEROS VOLUNTARIOS DEL CALLAO	126	CONSORCIO CONASA CONITSA
127	MATEO GALJUF	128	CONSORCIO BALLENERO S.A.
130	LANFRANCO MONIER S.A.	131	CIA MINERA MILPO S.A.
132	FERMIN MALAGA SANTOLALLA E HIJOS	133	CIA DE MINAS BUENAVENTURA
134	INDUSTRIAL PESQUERA HUASCAR	135	CIA BALLENERA DEL NORTE
136	CIA AGRICOLA GANADERA TALANDRACAS	137	AMINCO MAR S.A.
138	CIA MINERA SANTA LUISA S.A.	139	BRONZINI HNOS S.A.
140	CARMEN ROSA PESQUERA S.A.	141	CADENA ENVASADORA SAN FERNANDO S.A.
142	CIA DE CEMENTO PACASMAYO S.A.	143	ALEX PILER S.A.
144	INMOBILIARIA CONTINENTAL S.A.	145	CIENSA
146	CEMENTO SUR S.A.	147	FACULTAD DE ZOOTECNIA
149	INTER AMERICA DE NAV. Y NEGOCIOS S.A.	150	GRACE Y CIA
151	CARLOS A. FRANCO	152	CIA PERUANA DE PETROLEO EL ORIENTE
154	THE PACIFIC STEAM NAVIGATION CO	155	COSTA Y MAR S.A.
156	INS. VETERINARIO DE INVESTIG. TROPICALES	157	BANCO AMAZONICO
158	ANCHOVETA PERUANA S.A.	159	INDUSTRIA CARBONERA S.A.
160	PESQUERA NORMANDIA S.A.	161	PESQUERA GALIA S.A.
162	TAN KUM Y ANTONIO KAI YEC	163	PESQUERA SAN GUILLERMO S.A.
164	PESQUERA SUD SANTA MARTHA S.A.	165	CIA PESQUERA LA GAVIOTA S.A.
166	BLUMARE S.A.	167	CIA ICTIOLGICA DE ALIMENTOS S.A.
168	FLAVIO CERBOLINE	169	BLUE PACIFIC FISHING CO.
175	COPESCA	176	EMPRESA PESQUERA CHIMU S.A.
177	PESQUERA ADRIATICA S.A.	178	FELIPE YIM
179	FISHING PERUANA S.A.	180	CIA PESQUERA TRINIDAD S.A.
184	PESQUERA ORION S.A.	185	MARITIMA BALBOA S.A.
186	CONSERVERA SAN ANTONIO S.A.	187	PESQUERA COSMOS
188	MARITIMA HARINERA S.A.	189	CIA EXPLOTADORA DE INDUSTRIAS DEL MAR S.A.
190	PERU FISHING AND PACKING CO. S.A.	191	CIA PESQUERA PATILLO S.A.
192	SOC. PESQUERA LA AURORA S.A.	193	FABRICA DE HARINA DE PESCADO "SAN PEDRO" S.A.
194	THE MOLLENDO AGENCIES CO.	195	CIA PESQUERA MERLIN S.A.
196	PESQUERA AMERICA S.A.	197	IVAN ORLICH
198	FERIPAT S.A.	199	CIA PESQUERA MANCORA S.A.
200	FISH MEAL COMPANY S.A.	201	CIA PESQUERA LEMAR S.A.
202	BELCO PETROLEUM CORP. OF PERU	203	HARRY HIRSCHFELD
204	ALBERTO MALASPINA	205	PRODUCTOS MARINOS S.A.
206	NAVIERA PERUANA DEL PACIFICO S.A.	207	CIA PESQUERA PASAMAYO S.A.
208	HARINERA RIMAC S.A.	209	NEGOCIACION PESQUERA CARRILLO S.A.
210	EMPRESA PESQUERA PERU S.A.	211	EMPRESA PESQUERA HARINAS DEL PACIFICO S.A.
212	IND. CONSERVADORA ALIMENTICIA CALLAO S.A.	213	EMPRESA PESQUERA "EL MOLINO" S.A.
214	ALIMENTOS DEL MAR S.A.	217	LEONCE THENOT Y EDGAR WERHLI
218	RAUL BUZAGLO GARAGORI	219	BIBACO S.A.
220	FELIPE BRONSTEIN SCHREIBER	221	INDUSTRIAL PROPESCA S.A.
222	HAVETA S.A.	223	SEISHO OYAKAWA Y JOSE SARMIENTE
224	ROMON TSUKASAU	225	SAN LORENZO INDUSTRIAS DEL MAR
226	INDUSTRIAS S. ANDRES S.A.	227	YAM PACIFICO S.A.
228	PRODUCTOS DEL MAR S.A.	229	PESQUERA TERRAMAR
230	PESQUERA VENUS S.A.	231	CIA PESQUERA SAN JORGE S.A.
232	CODIPESA	233	CIA INDUSTRIAL PESQUERA SANTA ROSA S.A.
234	PESQUERA SANTA ANITA S.A.	235	FABRICA DE HARINA Y A. DE P. EL MILAGRO
236	PESQUERA TRUJILLO S.A.	237	CARLOS GARDELLA Y M. CABRERO
238	EMPRESA PESQUERA MOLLENDO S.A.	239	THE PERUVIAN CORPORATION LIMITED
240	INDUSTRIAL PESQUERA MATARANI S.A.	241	CIA PESQUERA DE COISHCO S.A.
242	PESQUERA DEL SUR PERUANO S.A.	243	CIA PESQUERA SAN BLAS S.A.
244	CIA PESQUERA LA PUNTA S.A.	245	CIA PESQUERA LOS FERROLES S.A.
246	PESQUERA ARGOS S.A.	247	PESQUERA HUMBOLDT S.A.
248	CIA MARITIMA BALLENERA DEL SUR S.A.	249	PESCA MAR S.A.
250	INDUSTRIAL TAMBO DE MORA S.A.	251	EMPRESA PESQUERA ILO S.A.
252	PESQUERA SALAVERRY S.A.	253	TECNOLOGICA DE ALIMENTOS S.A.
254	ORGANIZACION NAUTICA DEL SUR S.A.	255	YACHT CLUB ANCON
256	YACHT CLUB PERUANO	257	CIA ITALO PERUANA DE PESCA S.A.
258	HUMBERTO BERNALES	259	ORESTES CAFFARO GAVINO
260	PAN AMERICAN FISH PACKING S.A.	261	SERGY VELIKOPOLFSKI RADOS
262	BOLICHERAS UNIDAS S.A.	263	EMPRESA PESQUERA SAN MARTIN S.A.
264	INDUSTRIAS MARITIMAS DE SUPE S.A.	265	CIA TECNICO-ECONOMICA DE FOMENTO INDUSTRIAL S.A.

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

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

PTC	Pitcairn Island			
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	PITCAIRN ISLAND ADMINISTRATION BRITISH CONSULATE-GENERAL PRIVATE BAG AUCKLAND NEW ZEALAND			
002	THE COMMISSIONER, PITCAIRN ISLAND ADMINISTRATION			

PTR	Puerto Rico			
A	FEDERAL COMMUNICATIONS COMMISSION INTERNATIONAL BUREAU ATTENTION: MR. RICHARD B. ENGELMAN 2000 M STREET ROOM 868, STOP CODE #0800C WASHINGTON DC 20554 / UNITED STATES OF AMERICA TELEFAX: +1 202 418 1208 / 0398 TELEX: 025 VIA TWX 7108220160			
B	DEPARTMENT OF STATE, WASHINGTON D.C. 20520			
001	CORNELL UNIVERSITY	002	COMMUNICATIONS SATELLITE CORPORATION	
003	HUGHES COMMUNICATIONS GALAXY, INC.	004	AMERICAN TELEPHONE AND TELEGRAPH CO.	

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

PTR	Puerto Rico

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

A Communications Regulatory Authority (CRA)
P.O. BOX 23404
DOHA
Qatar
EMAIL: irsection@cra.gov.qa
EMAIL: ahamam@motc.gov.qa
EMAIL: samustafa@cra.gov.qa
TELEFAX: +974 4499 5515

001	QATAR PUBLIC TELECOMMUNICATION CORPORATION	003	PAKISTANI EMBASSY
005	QATAR AIRWAYS	006	QATAR GENERAL PETROLEUM CORPORATION (OFF-SHORE)
007	DECCA NAVIGATOR CO. LTD.	008	QATAR STATE POLICE
009	QATAR GENERAL PETROLEUM CORPORATION (ON-SHORE)	010	MINISTRY OF PUBLIC WORK.
011	MINISTRY OF INFORMATION	014	BRITISH AIRWAYS,
015	ELECTRICITY DEPT.	016	GULF HELICOPTERS LTD.
017	CIVIL AVIATION DEPT.	018	TUNISIAN EMBASSY
019	AMERICAN EMBASSY	023	MINISTRY OF FOREIGN AFFAIRS
025	EGYPTAIN INTERESTS SECTION, DOHA, QATAR	026	ALGERIAN EMBASSY, DOHA, QATAR
027	SHEIK ABDULAZIZ BIN KHALIFA AL THANI	028	JAPANESE EMBASSY, QATAR
032	EMBASSY OF INDIA	033	USCENTAF
034	MAERSK OIL QATAR	035	QATAR SATELLITE COMPAGNY (QSC)
036	ARAB SATELLITE COMMUNICATIONS ORGANIZATION (ARABASAT)	037	QATARI ARMED FORCES
038	HAMAD BIN KHALIFA UNIVERSITY		

REU	Reunion (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)

001	ADMINISTRATION DES POSTES ET TELECOMMUNICATIONS	002	CONSEIL SUPERIEUR DE L'AUDIOVISUEL
003	MARINE NATIONALE	004	AVIATION CIVILE
005	FORCES TERRESTRES	006	AERONAUTIQUE MILITAIRE FRANCAISE
007	DEFENSE NATIONALE	008	SURETE NATIONALE
009	METEOROLOGIE NATIONALE	010	MINISTERE DE L'INTERIEUR
011	GENDARMERIE NATIONALE	012	COMPAGNIE AIR FRANCE
019	PHARES ET BALISES	034	AUTORITE DE REGULATION DES TELECOMMUNICATIONS

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

ROD	Rodrigues

A THE DIRECTOR TELECOMMUNICATIONS DEPARTMENT EDITH CAVELL STREET PORT LOUIS TELEX: 4000 DIRTEL IW 001 OVERSEAS TELECOMMUNICATIONS SERVICES CO. LTD. 003 CIVIL AVIATION DEPARTMENT 005 DISTRICT ADMINISTRATION OFFICE	002 MAURITIUS BROADCASTING CORPORATION FOREST SIDE 004 POLICE DEPARTMENT

ROU	Romania

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

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

ROU	Romania

G DIRECTORATE OF COMMUNICATIONS
MEVLANA BULVARI
NO 144 CANKAYA, ANKARA
REPUBLIC OF TURKIYE
URL: www.iletisim.gov.tr
TELEFAX: +90 312 590 20 00
EMAIL: webinfo@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
011	INSTITUTUL DE STIINTE SPATIALE		

RRW	Rwanda

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.		

RUS	Russian Federation

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

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

RUS	Russian Federation		
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
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	MOSCOVSKIY UZEL SVIAZI ENERGETIKI
073	RAMSATCOM	074	GONETS-M
075	TM SAT JOINT STOCK COMPANY	076	OOO SPUTNIKOVYE TELEKOMMUNIKATSII BASHKORTOSTANA
077	CHELYABINSKSVYAZINFORM	078	RADIOTEKHNIЧЕСKAYA KORPORATSIYA
079	BELKOMRUS	080	JV SAKHALIN TELECOM LIMITED
081	FEDERAL STATE UNIVERSITY ENTERPRISE ATOMENERGOPROEKT	082	OOO ARCTIC REGION SVYAZ
083	ZAO, ZOND-HOLDING	084	DCGSVYAZINFORM
085	KRUNICHEV STATE RESEARCH AND PRODUCTION SPACE CENTER	086	MINISTRY OF ATOMIC ENERGY OF THE RUSSION FEDERATION, SITUATION/CRISIS CENTRE
087	PARKER DRILLING COMPANY EASTERN HEMISPHERE, LTD	088	PARSONS DELAWARE INC
089	NAKHODKA TELEKOM LTD	090	SAVINGS BANK OF THE RUSSIAN FEDERATION
091	ASTELIT	092	TELSIKOM
093	REPRESENTATION OF TELECOMMUNICATION COMPANY RTL	094	ABB LUMMUS GLOBAL
095	SBERBANK	096	JOINT STOCK COMPANY "RUSSIAN SPACE SYSTEMS"
097	FU BH UHO	098	STEC.COM
099	PRIMORSKI TELEVISION NETWORKS	100	GROZNET
101	MODERN UNIVERSITY OF HUMANITIES	102	TOMSK STATE UNIVERSITY

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

RUS	Russian Federation		
103	WEB MEDIA SERVICES	104	RACE TELECOM
105	DOZOR-TELEPORT	106	INFO-SPUTNIK
107	ZAO RUSSKOYE RADIO-EVRAZIA	108	GEOTELECOMMUNICATIONS LTD
109	ITAR-TASS	110	RUSAT
111	STS SOVINTEL	112	OJSC SVYAZNOY TSP
113	INTERSPUTNIK	114	GAZPROMENERGO LLC
115	CJSC RADIO COMPANY 'VEKTOR'	116	LLC INVESTMENT COMPANY 'SIBINTEK'
117	JSC SETELECOM	118	OJSC NORTH-WEST TELECOM
119	JSC IPNET	120	JSC AMTEL-SVYAZ
121	LLC EQUANT	122	JSC GLOBAL TELEPORT
123	OAO RUSSIAN RAILWAYS	124	OPEN JOINT STOCK COMPANY "KRASNOYARSKOE KONSTRUCTORSKOE BUREAU - ISKRA"
125	"OPEN MOBILE SYSTEM" LIMITED LIABILITY COMPANY (OMSY LLC)	126	OPEN JOINT STOCK COMPANY "YUS TELECOM"
127	FEDERAL STATE UNITARY ENTERPRISE (FGUP)	130	OPEN JOINT STOCK COMPANY 'PERVAYA 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 SAMARANEFTGAZ	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
165	LLC "T2 MOBILE"	166	FEDERAL STATE UNITARY ENTERPRISE RADIO RESEARCH AND DEVELOPMENT INSTITUTE (NIIR)
167	FSUE VNIIFTRI	168	LLC DAURIA - SATELLITE TECHNOLOGY
169	RUS TELNET LLC	170	LLC BUREAU-1440
171	D.C. ORBITAL LIMITED LIABILITY COMPANY	172	LTD STILSPACE

S	Sweden		

A SWEDISH POST AND TELECOM AGENCY (PTS)
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S-102 49 STOCKHOLM
TELEFAX: +46 8 6785505
TELEX: 054 40777 RADCON S

B MINISTERE DES AFFAIRES ETRANGERES DE LA
REPUBLIQUE SOCIALISTE DE ROUMANIE
BUCURESTI

001 STROEMS KOMMUN
003 ADMINISTRATION DES FORCES HYDRAULICS,
STOCKHOLM
005 DIRECTION GENERALE DE LA NAVIGATION
MARITIME
007 INSTITUT CENTRAL METEOROLOGIQUE ET
HYDROGRAPHIQUE, STOCKHOLM
009 A-RINGEN AB, ANDERSTORP
011 SVENSKA AEROPLAN AKTIEBOLAGET,
LINKOEPING
013 HULTSFREDS KOMMUN
015 VISBY STADS HAMNDIREKTION, VISBY
017 AIRTACO AB, STOCKHOLM 40

002 TELIA AB
004 DIRECTION ROYALE DE L'AERONAUTIQUE
CIVILE, STOCKHOLM
006 GOUVERNEMENT
008 DEPARTEMENT DE LA MARINE
010 SVERIGES RADIO AB, STOCKHOLM
012 STOCKHOLMS NYA FLYGSKOLA, HYDEN CO,
SKAA
014 DIRECTION GENERALE DES CHEMINS DE FER,
STOCKHOLM
016 GAEVLE-SANDVIKENS FLYGFAELT AB
018 SCANDINAVIAN AIRLINES SYSTEM,
STOCKHOLM 12

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

S	Sweden
019	TORSBY KOMMUN
021	VAESTERAES FLYGKLUBB, VAESTERAES
023	LINKOEPINGS TRANSPORTINDUSTRI AB, LINKOEPING
025	MALMOE HAMNFOERVALTNING, MALMOE
027	SKANDINAVISK LINJETRAFIK AB, REDERIAVD., LANDSKRONA
029	FINNAIR AERO O/Y, HELSINGFORS
031	HUDIKSVALL KOMMUN
033	HAMNFOERVALTNINGEN, NYNASHAMN
035	BOGSORAKTIEBOLAGET, SVEN, GOETEBORG
037	BLIDBERG METCALFE AND CO, GOETEBORG
039	YNGEREDSFORS KRAFT AB, MOELNDAL
041	LIDKOEPIK KOMMUN
043	DALA AIRPORT AB, BORLAENGE
045	NYGE AERO AB, NYGEVERKEN, NYKOEPIK
047	AMBASSADE DE LA REPUBLIQUE SOCIALISTE DE ROUMANIE A STOCKHOLM
049	LYCKSELE STAD
051	FERINGE FLYGKLUBB
053	EMMABODA KOMMUN
055	KRISTIANSTADS KOMMUN
057	SWEDISH RED CROSS
059	MORA KOMMUN
062	VE SAT TELECOMMUNICATIONS AB
064	ARVIDSJAURS KOMMUN
066	TERACOM SVENSK RUNDRADIO AB
068	MCI TELECOMMUNICATIONS INC.
070	TRANAAS NAERRADIOFOERENING
091	LINKOEPINGS STADS BYGGNADSKONTOR, LINKOEPING
099	KARLSKOGA KOMMUN
101	FALKOEPINGS KOMMUN
103	NYKOEPIK OXELOESUND FLYGPLATS AB
105	SOEDERHAMNS KOMMUN
173	SVERIGES GEOLOGISKA UNDERSOEKNING
176	OSTERMANS AERO AB, STOCKHOLM
179	VAESTERAAS KOMMUN
228	SVENSKA FLYDMOTOR AB, TROLLHAETTAN
351	FIRMA CARL GULLBERG, NORRKOEPING
475	ORSA KOMMUN
497	SVENSKA VAESTKUSTFISKARNAS CENTRALFOERBUND, TRAESLOEVSLAEGE
509	HAMNFORVALTNINGEN, SODERHAMN
522	GOETEBORGS MAKADAM AB, KAALLERED
532	SVENSKA VAESTKUSTFISKARNAS CENTRALFOERBUND VAEROEBACKA
573	KIRUNA STADS BYGGNADSKONTOR, KIRUNA
579	GOETEBORGS HAMNARBETSKONTOR, GOETEBORG
583	KARLSKRONA STADS BYGGNADSKONTOR, KARLSKRONA
587	DROSKAEGARE BERTRANDSSON, OECKEROE OCH HOENOE BILSTATION, OECKEROE
589	GULLVIKS FABRIKS AB, MALMOE
591	TRANSAIR SWEDEN AB, MALMOE-STURUP.
593	NORRKOEPINGS ELEKTROTEKNISKA FABRIKER AKTIEBOLAG, NORRKOEPING
595	GOETEBORGS KOMMUN
597	LINJEBUSS INTERNATIONAL AB, HAELSINGBORG
599	GAEVLE STADS HAMNFOERVALTNING, GAEVLE
601	SKOEVDE KOMMUN
603	SUNDSVALLS HAMNFOERVALTNING, SUNDSVALL
605	AEROKLUBBEN I GOETEBORG, MOTORFLYGSEKTIONEN, GOETEBORG
608	SVEGS KOMMUN
020	DEGERFORS FLYGKLUBB, VINDELN
022	STENSELE STORUMANS FLYGKLUBB, STENSELE
024	JAERNA KOMMUNS FLYGTRAFIKKOMMITTE, VANSBRO
026	FALKENBERGSSTADS HAMNSTYRELSE, FALKENBERG
028	AB SILJANSFLYG, ESLOEV
030	BILAEGARNAS INKOEPSFOERENING, STOCKHOLM
032	EDSBYNS FLYGKLUBB, EDSBYN
034	ESKILSTUNA FLYGPLATS
036	C.L. HANSSONS STUVERI AB, GOETEBORG
038	ESRO
040	KIRUNA GEOFYSISKA OBSERVATORIUM
042	LUDVIKA KOMMUN
044	HAMNFOERVALTNINGEN, OSKARSHAMN
046	LUND INSTITUTE OF TECHNOLOGY, DEPARTMENT OF APPLIED ELECTRONICS
048	VAEXJOE FLYGPLATS AB
050	SWEDISH SPACE CORPORATION
052	UMEAA FLOTNINGSFOERENING, UMEAA
054	FYRSTADS FLYGPLATS AB
056	OEREBRO LAENS FLYGPLATS AKTIEBOLAG
058	TURKISH EMBASSY
061	HAGFORS KOMMUN
063	VILHELMINA KOMMUN
065	SWEDISH TELECOM INTERNATIONAL AB
067	STANDARD RADIO SYSTEMS AB
069	ESSNET AB
071	SES SIRIUS AB
098	SKAANSKA CEMENT AB, MALMOE
100	WORLD MARITIME UNIVERSITY
102	GOETEBORG SAEVE FLYGPLATS AB
104	EMBASSY OF USSR
106	SVENSKA SKIFFEROLJE AB, OEREBRO
174	LIDKOEPIK STADS DRAETSELKAMMARE, LIDKOEPIK
177	SVENSKA VAESTKUSTFISKARNAS CENTRALFORBUND BOHUS, BJOERKOE
184	AB IFOE-VERKEN, BROMOELLA
295	CHALMERS TEKNISKA HOEGSKOLA, GOETEBORG
435	LINJEFLYG AB, STOCKHOLM
476	OSKARSHAMNS STADS HAMNDIREKTION, OSKARSHAMN
498	AB STIL-INDUSTRI, VARGARDA
517	TRAFIKAKTIEBOLAGET GRAENGESBERG- OXELOESUND, STOCKHOLM
525	STOCKHOLM STADS HAMNFOERVALTNING, STOCKHOLM
541	SKAANSKA AETTIFABRIKEN AB, PERSTORP
578	BODENS LASTBILCENTRALEN, BODEN
582	DROSKAEGARE ERIK OLSSON, ROENNAENG
586	BILLERUDS AB, SAEFFLE
588	SOEDERHAMNS MOTORSAELLSKAP, SOEDERHAMN
590	SVENSK FLYGTJAENST AB, STOCKHOLM
592	PAN AMERICAN WORLD AIRWAYS SYSTEM, STOCKHOLM 40
594	GEOGRAFISKA INSTITUTIONEN VID STOCKHOLMS UNIVERSITET
596	THE SWEDISH BOARD OF CUSTOMS
598	ANGFARTYGS AKTIEBOLAGET GOTLAND VISBY
600	NORRKOEPINGS STADS HAMNFOERVALTNING, NORRKOEPING
602	UPPSALA FLYGKLUBB, UPPSALA
604	NORRKOEPINGS STUVERI AB, NORRKOEPING
607	OSKARSHAMNS KOMMUN
609	VAESTERVIKS KOMMUN

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

S	Sweden
610	GAELLIVARE KOMMUN
612	UPPSALA UNIVERSITET
614	CITY 107, MALMOE
616	LUNDS NAERRADIOFOERENING
618	TRANSTEMA AB
620	SWEDISH POLAR RESEARCH
622	CARLSKRONA NAERRADIOFOERENING
624	RADIO SANDVIKEN
626	RADIO MARIESTAD
628	JAERFAELLA NAERRADIOFOERENING
630	LRF SORUNDA
632	HUDIKSVALLS NAERRADIOFOERENING
634	KRISTINEHAMNS NAERRADIOFOERENING
636	RADIO ULRICEHAMN
638	LJUSNARSBERGS NAERRADIOFOERENING
640	OSKARSHAMNS NAERRADIOFOERENING
642	RBS BROADCASTING AB
644	RBG BROADCASTING AB
646	LM ERICSSON DATA SERVICES AB
648	TELE2 AB
650	HAABO NAERRADIOFOERENING
652	LEKSANDS NAERRADIOFOERENING
654	LIDINGOE NAERRADIOFOERENING
656	NACKA NAERRADIOFOERENING
658	RADIO HIT FM MELODICUM AB
660	ESA - EUROPEAN SPACE AGENCY
662	SVENSKA RYMD AKTIEBOLAGET AB
664	OVZON SWEDEN AB
666	LULEA TEKNISKA UNIVERSITET (LTU)
668	OHB SWEDEN AB
670	V3GS COMMUNICATIONS SWEDEN AB
611	ARVIKA KOMMUN
613	KRAMFORS FLYGPLATS
615	DAVID OLSSON RADIOPRODUKTION AB, NORRKOEPIG
617	GOLD 105 AB, NORRKOEPIG
619	THE MISSION COVENANT CHURCH OF SWEDEN
621	VARA NAERRADIOFOERENING
623	LULEAA NAERRADIO IDEELL FOERENING
625	VAERMDOE NAERRADIO
627	LINDESBERGS NAERRADIOFOERENING
629	KUMLA HALLSBERGS NAERRADIOFOERENING
631	NORBERGS NAERRADIOFOERENING
633	OEREBRO NAERRADIO
635	LJUNGBY NAERRADIOFOERENING
637	BODENS NAERRADIO
639	HANINGE NYA NAERRADIOFOERENING
641	HAESLEHOLMS NAERRADIOFOERENING
643	RBM BROADCASTING AB
645	RADIO BROADCAST KRISTIANSTAD
647	UNISOURCE SATELLITE SERVICES AB
649	UMEA RADIOINTRESSETER KB
651	NOBD SAT DX KLUBB
653	NYHYTTANS ADVENTSKYRKA
655	BORLAENGE NAERRADIOFOERENING
657	RADIO 1000 AB
659	SPACELINE COMMUNICATION SERVICES
661	TANUMS MASKINSTATION
663	TELENOR SATELLITE BROADCASTING
665	AVANTI COMMUNICATIONS SWEDEN AB
667	THE ROYAL INSTITUTE OF TECHNOLOGY
669	BEYOND ATLAS AB

SDN	Sudan (Republic of the)

A THE SECRETARY GENERAL
MINISTRY OF SCIENCE AND COMMUNICATIONS
P.O BOX 7379
11123 KHARTOUM
SUDAN
PHONE: +249 187 173 710 / 711
EMAIL: terrestrial@ntc.gov.sd; satellite@ntc.gov.sd
TELEFAX: +249 187 177 777 / 171 112
TELEX: 0984 22299 GENTEL SD

B THE DIRECTOR GENERAL
TELECOMMUNICATIONS AND POST REGULATION AUTHORITY TPRA
P.O. BOX 2869
SUDAN

TELEX: 61050 POSTGEN
TELEFAX: +249 183 562 360
EMAIL: Satellite@tpra.gov.sd

C THE UNDER SECRETARY
MINISTRY OF COMMUNICATIONS
KUWAIT
TELEX: 0496 US PTT 22197 KT

001 SUDAN TELECOM COMPANY (SUDATEL),
KHARTOUM
004 EMBASSY OF THE STATE OF KUWAIT
007 MINISTRY OF SOCIAL AFFAIRS, KHARTOUM
011 CENTRAL ELECTRICITY AND WATER
ADMINISTRATION
017 SUDAN RAILWAYS
019 SUDAN GEZEIRA BOARD, BARAKAT

021 SUDAN GOVERNMENT LOCUST CONTROL
024 LAND USE AND RURAL WATER DEVELOPMENT
DEPARTMENT

002 EGYPTIAN STATE TELEGRAPHS AND
TELEPHONES
005 SUDAN GOVERNMENT (SECURITY)
008 CIVIL AVIATION DEPARTMENT
013 LEGATION OF FEDERAL PEOPLE'S REPUBLIC
OF YUGOSLAVIA
018 PORT MANAGER
020 IRRIGATION DEPARTMENT, MINISTRY OF
AGRICULTURE
022 SUDAN NEWS AGENCY
025 KENYA POLICE

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

SDN	Sudan (Republic of the)		
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		

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
EMAIL: contact@artp.sn
TELEFAX: +221 33 869 0370
TELEX: 0906 1296 SNTAG SG

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
012 FORCES ARMEES FRANCAISES
031 RADIODIFFUSION TELEVISION

042 AVIATION CIVILE
046 RADIOELECTRICITE PRIVEE

052 DOUANES

011 FORCES ARMEES DU SENEGAL
022 MINISTERE DE L'INTERIEUR
041 SOCIETE NATIONALE DES TELECOMMUNICATIONS DU SENEGAL
043 PHARES ET BALISES
051 PRESIDENCE DE LA REPUBLIQUE/ MINISTERE DES AFFAIRES ETRANGERES

SEY	Seychelles		

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

003 SEYCHELLES GOVERNMENT

005 CHELONIA COMPANY LIMITED (CCL)
008 EMBASSY OF THE PEOPLE'S REPUBLIC OF CHINA

010 BRITISH HIGH COMMISSION
012 SEYCHELLES COMMERCIAL BANK (SCB)
014 MINISTRY OF EDUCATION (MOE)
019 INTELVISION

021 MANAGEMENT OF PRESIDENT'S AFFAIRS OF UNITED ARAB EMIRATES PTY LTD (MPA OF UAE)

023 PURE FM (SEYCHELLES)

002 DEPARTMENT OF INFORMATION COMMUNICATIONS TECHNOLOGY (DICT)
004 SEYCHELLES CIVIL AVIATION AUTHORITY (SCAA)

007 KOKONET Limited
009 AIRTEL SEYCHELLES Ltd. (AIRTEL)

011 AMBASSADE DE FRANCE
013 NOUVOBANQ SIMBC
018 SEYCHELLES POLICE
020 SEYCHELLES BROADCASTING CORPORATION (SBC)

022 CRYSTAL (SEYCHELLES) LTD

024 SEYCHELLES ISLAND FOUNDATION (SIF)

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

SEY	Seychelles

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		

SLM	Solomon Islands

C	DEPARTMENT OF TRANSPORT, WORKS AND COMMUNICATIONS P.O. BOX G8 HONIARA SOLOMON ISLANDS PHONE: +677 25888 TELEFAX: +677 36108 TELEX: 0778 pandt hq 66310		
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

A	SUPERINTENDENCIA GENERAL DE ELECTRICIDAD Y TELECOMUNICACIONES (SIGET) SEXTA DECIMA CALLE PONIENTE Y 37 AV. SUR No. 2001 COLONIA FLOR BLANCA SAN SALVADOR EL SALVADOR, C.A. TELEFAX: +503 2257 4495 EMAIL: UIT@SIGET.GOB.SV PHONE: +503 2257 4438 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)

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

SLV	El Salvador		
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
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.

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

SLV	El Salvador		
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	DATA GUARD, 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
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. (FAMOSA, 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.

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

SLV	El Salvador		
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	GLENDIA VENILDA ARGUETA QUIJADA	206	GLOBAL COMMUNICATIONS EL SALVADOR, S.A. DE C.V.
207	GLOBALSTAR EL SALVADOR, S.A. DE C.V.	208	GLORIA ELIZABETH GOMEZ DE SALGADO
209	GRUPO AMOR, S.A. DE C.V. (AMOR, S.A. DE C.V.)	210	GRUPO CASTILLO MAYNES, S.A. DE C.V. - GRUPO C M, S.A. DE C.V.
211	GRUPO CENTROAMERICANO DE TELECOMUNICACIONES, S.A. DE C.V./GCA TELECOM, S.A. DE C.V.	212	GRUPO SAMIX, S.A. DE C.V.
213	GRUPO SOLID, S.A. DE C.V.	214	GRUPO VISION, S.A. DE C.V.
215	GSK HOLDINGS, S.A. DE C.V.	216	H. BARRIENTOS ARQUITECTOS, S.A. DE C.V.
217	HÉCTOR ATILIO VALDEZ GUZMÁN	218	HÉCTOR MANUEL ZELAYA ROMERO
219	HENRI MILTON MORALES UMAÑA	220	HERBERT ORELLANA OSORIO
221	HUMBERTO EMILIO AGUILERA VIZCARRA	222	I. P. HOLDING'S. S.A. DE C.V.
223	IANNUZZELLI Y CIA.	224	IBERIA LINEAS AEREAS DE ESPAÑA, S.A.
225	IDT EL SALVADOR LIMITADA, DE C.V.	226	IGLESIA APÓSTOLES Y PROFETAS EMANUEL DIOS CON NOSOTROS
227	IGLESIA CATÓLICA APOSTÓLICA Y ROMANA EN EL SALVADOR	228	IGLESIA CATOLICA DE EL SALVADOR
229	IGLESIA CATOLICA DE EL SALVADOR, DIOCESIS DE SANTA ANA	230	DIOCESIS DE SAN MIGUEL
231	IGLESIA CRISTIANA DE RESTAURACION	232	IGLESIA CATOLICA EN SANTIAGO DE MARIA, DIOCESIS
233	IGLESIA DE DIOS "MANANTIALES DE VIDA ETERNA"	234	IGLESIA DE DIOS
235	IGLESIA EVANGÉLICA DE EL SALVADOR, MISIÓN CENTROAMERICANA.	236	IGLESIA DEL CUERPO DE CRISTO EN EL SALVADOR
237	IGLESIA MINISTERIO EVANGELISTICO CRISTO REFUGIO EN LA TEMPESTAD	238	IGLESIA EVANGELICA NAZARETH
239	IGLESIA PENTECOSTAL "DIOS ES AMOR"	240	IGLESIA MINISTERIO EVANGELÍSTICO UN CLAMOR HACIA DIOS EN LOS TIEMPOS FINALES
241	IMMER ALFARO CLIMACO	242	IGLESIA PENTECOSTAL BETHEL
243	INFOMED, S.A. DE C.V.	244	INFANTOZZI BARON, S.A. DE C.V.
245	INFRAESTRUCTURAS Y TELECOMUNICACIONES, S.A. DE C.V. (INFRATEL, S.A. DE C.V.)	246	INFRAESTRUCTURA UNIVERSAL DE TELECOMUNICACIONES, S.A. DE C.V.
247	INGENIEROS URBANISTAS, S.A. DE C.V.	248	INGENIERIA ASOCIADA, S.A. DE C.V.
249	INMOBILIARIA A.R., SOCIEDAD ANONIMA (INMOBILIARIA A.R., S.A.)	250	INGENIO EL ANGEL, S.A. DE C.V.
251	INSTITUTO DE PREVISION SOCIAL DE LA FUERZA ARMADA	252	INMOBILIARIA CONSTELACIÓN, S.A. DE C.V.
253	INSTITUTO SALVADOREÑO DEL SEGURO SOCIAL	254	INSTITUTO SALVADOREÑO DE REHABILITACIÓN DE INVÁLIDOS - ISRI
255	INTELCORP, S.A. DE C.V.	256	INSTITUTO TECNOLÓGICO DE COMERCIO Y ADMINISTRACIÓN DE EMPRESAS - ITCAE
257	INTERCONSA, S.A. DE C.V.	258	INTELFON, S.A. DE C.V.
259	INTERNATIONAL TELEPHONE AND SATELLITE CENTROAMÉRICA EL SALVADOR, SOCIEDAD ANÓNIMA	260	INTERNATIONAL TECHNOLOGY SOLUTIONS, S.A. DE C.V. (I.T.S., S.A. DE C.V.)
261	INVERCON, S.A. DE C.V.	262	INTER-TELL, S.A. DE C.V.
263	INVERSIONES DE DESARROLLO INDUSTRIAL Y AGRÍCOLA, S.A. DE C.V. _INDESI, S.A. DE C.V.	264	INVERSIONES BOLIVAR, SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE
265	INVERSIONES ROBLE, S.A. DE C.V.	266	INVERSIONES MZ, S.A. DE C.V.
267	ISTMANIA COMUNICACIONES, S.A. DE C.V.	268	INVERSIONES SIMCO, S.A. DE C.V.
269	J.M.B. COMMUNICATIONS, S.A. DE C.V.	270	J.C. ESPINOZA, S.A. DE C.V.
271	JEFFERSON CHRISTEN HOLLMAN ALVAREZ	272	JAIME NELSON GARCIA ESCOBAR
273	JOAQUIN ORLANDO APARICIO BORJAS	274	JMTELCOM, S.A. DE C.V.
275	JOSE ALFREDO MEDINA ARGUETA	276	JORGE ALBERTO MOLINA NEIRA
277	JOSÉ DE JESÚS VIGIL GÓMEZ	278	JOSE ANTONIO CLAROS HERNANDEZ
279	JOSÉ ISRAEL GONZALEZ RIVAS	280	JOSE FRANCISCO MIRANDA INTERIANO
281	JOSE LEONEL ACUÑA ORTEGA	282	JOSE ISRAEL SANTAMARIA
283	JOSE MARIA MONTERREY	284	JOSE MARIA ANTONIO VELASCO BARRERA
285	JOSE MAURICIO JIMENEZ	286	JOSÉ MARTÍN HENRIQUEZ MEDINA
287	JOSE MOISES HERNANDEZ BOLAÑOS	288	JOSE MOISES ALFARO MENDEZ
289	JOSE RICARDO MARTINEZ JAIME	290	JOSE OSCAR BARAHONA CASTILLO
291	JOSE RIGOBERTO PORTILLO	292	JOSÉ RICARDO SOSA ORELLANA
293	JOSE ROBERTO PEREZ NOVOA	294	JOSE ROBERTO JIMENEZ ZEPEDA
295	JOSE ROBERTO RUBIO CERNA	296	JOSE ROBERTO RODRIGUEZ MORENO
297	JOSÉ SAÚL GALDAMEZ ABREGO	298	JOSE RODOLFO CASTELLANOS
299	JOSE TOMAS PACAS MENDEZ	300	JOSE TOBIAS ALBERTO GUARDADO
301	JOSE WILFREDO SALGADO GARCIA	302	JOSE VIDAL ALVARADO MORENO
			JUAN CARLOS SALINAS RAMOS

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

SLV	El Salvador		
303	JUAN JOSE ORTUÑO	304	JUAN RAMON ESQUIVEL PANAMEÑO
305	JUCARA DE ANDRADE LÓPES	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.
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

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

SLV	El Salvador		
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.
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.)

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

SLV	El Salvador		
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	TELEGLLOUSA, 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.
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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SECTION IV - Table 12A/12B: Operating Agencies (data item A3a) and Responsible Administrations (data item A3b)

SMA	American Samoa

001 COMSAT

SMO	Samoa

A THE CHIEF EXECUTIVE
MINISTRY OF COMMUNICATIONS AND INFORMATION
TECHNOLOGY
1ST FLOOR CA & CT PLAZA, SAVALALO
PRIVATE BAG
APIA
SAMOA (INDEPENDEN STATE OF)
PHONE: +685 26117
EMAIL: a.ahsam@samoa.ws
TELEFAX: +685 24671
TELEX: 077964220 PTRGMS SX

001 SAMOAN GOVERNMENT
003 "PRIVATE"

002 DEPARTMENT OF CIVIL AVIATION

SMR	San Marino

A DIREZIONE GENERALE POSTE E TELECOMUNICAZIONI
CONTRADA OMERELLI, 17
SAINT-MARIN A-2
47031 SAN MARINO
TELEFAX: +378 992760
TELEX: 0505 280 DIRPOSTE SO
EMAIL: DIRPOSTE@OMNIWAY.SM

001 INTELCOM SAN MARINO S.P.A

SNG	Singapore

A INFOCOMM MEDIA DEVELOPMENT AUTHORITY, SINGAPORE
10 PASIR PANJANG ROAD #03-01
MAPLETREE BUSINESS CITY
SINGAPORE 117438
REPUBLIC OF SINGAPORE
TELEFAX: +65 6577 3888
TELEX: 087 RS20319 SINTAS
EMAIL: info@imda.gov.sg

001 GOVERNMENT OF SINGAPORE
003 MINISTRY OF DEFENCE, SINGAPORE
005 METEOROLOGICAL OFFICE
007 NTUC VOICE CO-OPERATIVE SOCIETY LTD.

009 CIVIL AVIATION AUTHORITY OF SINGAPORE
011 SINGAPORE BROADCASTING CORP. P.O.BOX
1902, SINGAPORE
013 INFOCOMM MEDIA DEVELOPMENT AUTHORITY,
SINGAPORE

015 NATIONAL UNIVERSITY OF SINGAPORE
017 DSO NATIONAL LABORATORIES

002 SINGAPORE TELECOM PTE LTD.
004 POLICE DEPARTMENT
006 BRITISH BROADCASTING CORPORATION
008 SAFRA (SINGAPORE ARMED FORCES
RESERVISTS' ASSOCIATION)
010 PRIVATE BUSINESS OPERATOR
012 SAFRA NATIONAL SERVICE ASSOCIATION

014 NANYANG TECHNOLOGICAL UNIVERSITY
(NTU), SATELLITE RESEARCH CENTRE
(SARC)

016 SPIRE GLOBAL SINGAPORE PTE.LTD.
018 SPEQTRAL PTE LTD

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

SOM	Somalia (Rep. Federal of)

- A** MINISTRY OF INFORMATION POST & TELECOMMUNICATION
C/O HUSSIEN MOHAMED COUNSELLOR
SOMALI EMBASSY ABU DHABI PO BOX 59907
ABU DHABI
UNITED ARAB EMIRATES
EMAIL: ADMIN@MIPT.GOV.SO
EMAIL: MI@MIPT.GOV.SO
- B** 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
- 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

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

SRB	Serbia

- 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 |

SRL	Sierra Leone

- 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
EMAIL: info@motps.goss.org
PHONE: +211 9123 94207
PHONE: +211 9771 02623
TELEFAX: +211 8118 20188
- 001** NATIONAL COMMUNICATIONS AUTHORITY -
NCA

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

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
003 RADIO CLUBE DE S. TOME, S. TOME
005 SERVICO DE AERONAUTICA CIVIL

002 POSTES, TELEGRAPHES ET TELEPHONES
004 MINISTERIO DA MARINHA

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

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.
003 OFFICE FEDERAL DE L'AIR
005 UNITED NATIONS
010 MISSION DES ETATS-UNIS

002 OFFICE FEDERAL DE LA COMMUNICATION
004 SERVICE RADIOPOLICE
009 SUEDEWESTFUNK, BADEN-BADEN
011 INSTITUTE FOR PARTICLE PHYSICS AND
ASTROPHYSICS

012 EPFL - ECOLE POLYTECHNIQUE FEDERALE DE
LAUSANNE
014 SPACEPHARMA SA
016 ASTROCAST SA
018 SWISS GOVERNMENT

013 UNIVERSITY OF APPLIED SCIENCES OF
SOUTHERN SWITZERLAND (SUPSI)
015 INMARSAT SA
017 ORBITARE LUXEMBOURG SA
019 CLEARSPEACE

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
003 MISSIONARY AVIATION FELLOWSHIP
(M.A.F.)
005 PATER AHLBRINCK STICHTING (P.A.S.)

002 SURINAM SKY FARMERS
004 SURINAAMSE LUCHTVAART MIJ (S.L.M.)
006 GUMAIR

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

SUR	Suriname		
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	LAWA 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)		

SVK	Slovakia	

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		

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

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
003 DEPARTMENT OF POSTS AND
TELECOMMUNICATIONS

005 PRIVATE
007 SWAZILAND BROADCASTING SERVICE,
BOX338, MBABANE

002 DIRECTOR OF CIVIL AVIATION
004 SWAZILAND COMMERCIAL RADIO (PTY) LTD.

006 TRANS WORLD RADIO
008 SWAZILAND TELEVISION BROADCASTING
CORPORATION

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

A SYRIAN TELECOMMONICATIONS 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

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

SYR	Syrian Arab Republic		
C	GENERAL DIRECTORATE OF RADIOCOMMUNICATIONS TELSIZ GENEL MÜDÜRLÜĞÜ (TGM) 06510 EMEK - ANKARA, TURKEY TELEFAX: +90 312 2213226 TELEX: 060744371 TGM TR		
D	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
E	THE UNDER SECRETARY MINISTRY OF COMMUNICATIONS KUWAIT TELEX: 0496 US PTT 22197 KT		
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		

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

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

TCD	Chad		
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 TELECOMMUNICATIONS	010	RESEAU DE GENDARMERIE NATIONALE
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
- | | | | |
|------------|---|------------|---|
| 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 |

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

THA	Thailand		
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
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	
A	MINISTRY OF TRANSPORT AND COMMUNICATIONS INTERNATIONAL RELATIONS DEPARTMENT AINI 14 734042 DUSHANBE REPUBLIC OF TAJIKSTAN PHONE: +992 372 21 22 84 TELEFAX: +992 372 212953 TELEX: 07870201119 SVIAZ TJ	
001	JSC Teleradiocom	

TKL	Tokelau	

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

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
003 DIRECCAO-GERAL DE AERONAUTICA CIVIL

002 MINISTERIO DA MARINHA
004 COMPANHIA PORTUGUESA RADIO MARCONI

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

001 TELEGRAPH AND TELEPHONE DEPARTMENT,
NUKUALOFA
003 GOVERNMENT OF TONGA
005 POLICE DEPARTMENT
007 TONGA TOURIST AND DEVELOPMENT CO LTD.
009 FRIENDLY ISLANDS SATELLITE
COMMUNICATIONS, LTD. (TONGASAT)
011 HELLAS-SAT CONSORTIUM LIMITED

002 CIVIL AVIATION DEPARTMENT
004 TONGA BROADCASTING COMMISSION
006 TONGA AIR SERVICE LTD.
008 CABLE AND WIRELESS PLC
010 TONGA TELECOMMUNICATIONS COMMISSION,
TTC
012 SPACE EXPLORATION HOLDINGS, LLC

TRC	Tristan da Cunha

A DEPARTMENT OF TRANSPORT,
DIVISION OF CIVIL AVIATION,
PRETORIA

B ADMINISTRATOR,
TRISTAN DA CUNHA

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

TRC	Tristan da Cunha		
C	INTERNATIONAL FREQUENCY COORDINATION SPACE SERVICES UNIT OFCOM 2A SOUTHWARK BRIDGE ROAD LONDON SE1 9HA TELEX: 051261969 DTI WBH G PHONE: +44 20 7981 3100 TELEFAX: +44 20 7981 3208		
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		
A	INFORMATION AND COMMUNICATION TECHNOLOGY DIVISION 3RD FLOOR, LORD HARRIS COURT 52 PEMBROKE STREET MARAVALL, PORT OF SPAIN TRINIDAD AND TOBAGO TELEFAX: +1 868 622 4783 TELEX: 029422293 telecom wg EMAIL: caclark@trinidad.net		
B	DEPARTMENT OF STATE, WASHINGTON D.C. 20520		
C	THE PERMANENT SECRETARY MINISTRY OF PUBLIC UTILITIES AND NATIONAL TRANSPORTATION 16 - 18 SACKVILLE STREET PORT OF SPAIN		
001	CABLE AND WIRELESS (W.I.) LTD., LONDON	002	METEOROLOGICAL DIVISION, PIARCO, TRINIDAD
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		
A	AGENCE NATIONALE DES FREQUENCES 39, RUE ASDRUBAL - LAFAYETTE 1002 TUNIS TUNISIE TELEX: 0409 13900 GENTEL TN PHONE: +216 71 121 900 TELEFAX: +216 71 280 228 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, GENTEL 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		

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

TUR		Republic of Türkiye	
A		INFORMATION AND COMMUNICATION TECHNOLOGIES AUTHORITY (ICTA) BILGI TEKNOLOJILERI VE ILETISIM KURUMU ESKISEHIR YOLU 10.KM NO. 276 ÇANKAYA/ANKARA, 06430 ANKARA PHONE: +90 312 294 7636 TELEFAX: +90 312 294 7155 / 7151 TELEX: 060744371 TGM TR TELEFAX: +90 312 294 7166 / 7145	
B		DEPARTMENT OF STATE, WASHINGTON D.C. 20520	
C		DIRECTION GENERALE DE LA SURETE, SECTION DE LA RADIO, ANKARA	
D		NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S	
E		DIRECTORATE GENERAL OF TELECOMMUNICATIONS MINISTRY OF PTT P.O. BOX 15875-4415 15598 TEHERAN ISLAMIC REPUBLIC OF IRAN TELEX: 088 212444 PTT IR	
001	GENERAL DIRECTORATE OF METEOROLOGICAL AFFAIRS	002	TURKISH PETROLEUM INC.
003	TURK TELEKOM A.S.	004	GENERAL DIRECTORATE OF AGRICULTURAL COMBAT AND CARANTINA
005	TURKISH RADIO AND TELEVISION ADMINISTRATION	006	TURKISH MARITIME BANK INC.
007	GENERAL DIRECTORATE OF LAND AND WATER	008	GENERAL DIRECTORATE OF TURKISH REPUBLIC STATE RAILWAYS
009	MUNICIPALITY OF ERZURUM (ELECTRICITY ADMINISTRATION)	010	GENERAL DIRECTORATE OF TURKISH AIR LINES
011	MINISTRY OF FORESTRY	012	GENERAL DIRECTORATE OF SECURITY
013	GENERAL DIRECTORATE OF STATE AIRPORTS	014	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

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

TUR	Republic of Türkiye

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	072	ISTANBUL TECHNICAL UNIVERSITY
073	FERGANI UZAY TEKNOLOJILERI BILISIM SANAYI VE TICARET ANONIM Sirketi	074	GÜMÜS UZAY SAVUNMA HAVACILIK BIL. YAZILIM ARASTIRMA GELIS. MÜHENDISLIK SAN. VE TIC. LTD. STI
075	BARYONIC SPACE ELEKTRONIK TASARIM ÜRETİM TICARET 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

TZA	Tanzania

A	THE DIRECTOR GENERAL TANZANIA COMMUNICATIONS REGULATORY AUTHORITY (TCRA) MAWASILIANO TOWERS 20 SAM NUJOMA ROAD P.O. BOX 474, 14414 DAR ES SALAAM UNITED REPUBLIC OF TANZANIA EMAIL: dg@tcra.go.tz		
B	NATIONAL POST AND TELECOM AGENCY P.O. BOX 5398 S-102 49 STOCKHOLM TELEX: 054 40777 RADCON S		
C	THE CHIEF ENGINEER DEPT. OF INFORMATION AND BROADCASTING P.O. BOX 1178 ZANZIBAR		
D	THE DIRECTOR OF EXTERNAL TELECOMMUNICATIONS TANZANIA POSTS AND TELECOMMUNICATIONS CORPORATION P.O. BOX 22 DAR-ES-SALAAM		
E	ZANZIBAR GOVERNMENT P.O. BOX 776 ZANZIBAR		
001	TANZANIA RAILWAYS CORPORATION	002	POSTS AND TELECOM. CORP. SR RADIO, DAR ES SALAAM
003	DIRECTORATE OF CIVIL AVIATION	004	ZANZIBAR GOVERNMENT
005	EXTERNAL TELECOMMUNICATIONS, ZANZIBAR	006	COMMISSIONER OF POLICE, ZANZIBAR
007	TANZANIA PEOPLE'S DEFENCE FORCES, BOX 9205, DAR ES SALAAM	008	METEOROLOGICAL DEPARTMENT
009	KARIMJEE JIVANJEE AND CO. LTD.	010	TANZANIA POLICE
011	TAZAMA PIPELINE LTD.	012	TANZANIA HARBOURS AUTHORITY
013	ZAMBIA-TANZANIA ROAD SERVICES LTD.	014	EXTERNAL TELECOMMUNICATIONS DIRECTORATE
015	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	016	RADIO TANZANIA, ZANZIBAR

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

TZA	Tanzania			
018	TANZANIA NATIONAL PARKS	019	AFRICAN MEDICAL RESEARCH FOUNDATION	
022	UNIVERSITY COLLEGE DAR ES SALAAM	024	TANZANIA GOVERNMENT P.O. BOX 9120, DAR ES SALAAM	
027	FRESONS DEPARTMENT P.O. BOX 349, DAR ES SALAAM	031	WILLIAMSON DIAMONDS LTD. P.O. BOX 9470, DAR ES SALAAM	
037	RADIO TANZANIA, P.O. BOX 9191, DAR ES SALAAM	065	SWEDISH GOVERNMENT	
076	EVANGELICAL LUTHERAN CHURCH, P.O. BOX 16, DAR ES SALAAM	077	DAR ES SALAAM INSTITUTE OF TECHNOLOGY	
UAE	United Arab Emirates			

A	TELCOMMUNICATIONS AND DIGITAL GOVERNMENT REGULATORY AUTHORITY (TDRA) P.O. BOX 26662 ABU DHABI PHONE: +971 2621 2222 TELEFAX: +971 2 777 2484 EMAIL: info@tdra.gov.ae			
001	UNITED ARAB EMIRATES	002	EMIRATES TELECOMMUNICATIONS CORPORATION	
003	SH. SAEED BIN MOHAMED AL NAHYAN, ABU DHABI	004	DUBAI INTERNATIONAL AIRPORT	
006	GOVERNMENT OF RAS AL KHAIMAH	007	RAIS HASSAN SAADI AND CO.	
008	YUSUF BIN AHMED KANOO (SHIPPING AGENCY)	009	DECCA NAVIGATOR CO. LTD.	
010	ABU DHABI MARINE AREAS LTD.	011	MARITIME AND MERCANTILE INTERNATIONAL, DUBAI	
013	FUJAIRAH AIRPORT	015	DUBAI PETROLEUM CO.	
016	BRITISH AIRWAYS	017	DEPARTMENT OF CIVIL AVIATION UAE	
018	MINISTRY OF INFORMATION AND CULTURE	019	EMBASSY OF RUSSIA	
021	ABU DHABI OIL CO.LTD.(JAPAN)	024	UAE RADIO AND TV-DUBAI	
025	ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)	026	AWAL CONTRACTING AND TRADING CO.	
027	NICO INTERNATIONAL	028	METRO FORWARDING, DUBAI	
032	MINISTRY OF COMMUNICATIONS	033	SUDAN EMBASSY, ABU-DHABI	
034	JORDANIAN EMBASSY, ABU DHABI	036	BELGIAN EMBASSY	
037	FRENCH EMBASSY, ABU DHABI	040	SWISS EMBASSY, ABU DHABI	
041	JAPAN EMBASSY	042	AL AIN INT. AIRPORT	
043	SHARJAH INT. AIRPORT	044	EGYPTIAN EMBASSY, ABU DHABI	
045	ITALIAN CONSULATE, DUBAI	046	INDIAN EMBASSY, ABU DHABI	
049	NETHERLANDS EMBASSY	050	SITA - ABU DHABI AIRPORT	
051	GENPRISE, ABU DHABI	052	OMAN EMBASSY (ABU DHABI)	
053	EMBASSY OF ROMANIA	054	EMBASSY OF FINLAND	
055	THURAYA	056	ALYAH SATELLITE COMMUNICATIONS CO	
057	EMIRATES INSTITUTION FOR ADVANCED SCIENCE AND TECHNOLOGY	058	UNITED ARAB EMIRATES ARMED FORCES (UAEAF)	
059	MARSHALL INTECH			

UGA	Uganda			

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			

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

UKR	Ukraine
A	MINISTRY OF DIGITAL TRANSFORMATION OF UKRAINE 24, DILOVA STREET KYIV, 03150 EMAIL: rubel@thedigital.gov.ua PHONE: +380 44 207 17 30 EMAIL: hello@thedigital.gov.ua
B	NATIONAL SPACE AGENCY OF UKRAINE 8, MOSKOVSKA STREET KYIV 01010 TELEFAX: + 380 44 281 6209 PHONE: + 380 44 281 6245
001	UKRCOMSAT
003	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT) SRPF "BANCOMSVIAZ"
005	UKRAINIAN STATE SERVICE OF SUPERVISION FOR PROTECTION OF SAFETY OF FLIGHTS SES SIRIUS UKRAINE
011	ZEONBUD LLC
013	TELEODYN LTD
015	"INTERNATIONAL MEDIA CENTER - CTV" JSC
017	"INTERNATIONAL COMMERCIAL TELEVISION & RADIO COMPANY" (ICTV) LLC
019	MUNICIPAL TV AND RADIO ENTERPRISE "RUDANA"
021	LVIV REGIONAL STATE TELEVISION AND RADIO COMPANY
023	TELEKOMPANIA "ATN" LTD.
025	BROADCASTING COMPANY "PYRYATIN"
027	PUBLIC UTILITY "MUNICIPAL TV NETWORK"
029	LLC STUDIYA "MISTO"
031	PRIVATE ENTERPRISE "TELERADIOKOMPANIYA "SIAT""
033	LIMITED LIABILITY BROADCASTING COMPANY "PECTORAL"
035	PP TRC "ATLANT"
037	"TELERADIOKOMPANIYA "GRAD"" LLC
039	TELERADIOKOMPANIYA CHUGUIVSHINY "SLOBOZHANKA"
041	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT) CHERNIGIV BRANCH
043	STATE ORGANIZATION "VINNYTSIA STATE REGION BROADCASTING TV RADIO COMPANY "VINTERA""
045	LLC "RIAK-INFORM" REGIONAL INFORMATION-ANALYTICAL COMPANY
047	PRIVATE JSC "RADIO AND TELEVISION 'GLAS'"
049	PRIVATE JSC "REGIONAL TV BROADCASTER 'TONIS-CENTRE'"
051	TELERADIOKOMPANIYA VIZYT
053	"SKIF-2" LLC
055	THE COMMUNAL ENTERPRISE OF KIEV CITY COUNCIL "BROADCASTING COMPANY 'KVIV'" "BALINFORMCOMPANY" LLC
057	PRIVATE COMPANY "INFORMATION STUDIO 'POLISSIA-TV'"
061	"TELEVISION COMPANY 'SATURN-TV'" LLC
063	"TV AND RADIO COMPANY 'BEST'" LLC
002	MORCOM
004	MINISTRY OF DEFENCE
006	STATE TV AND RADIO BROADCASTING COMPANY OF UKRAINE STATE ENTERPRISE "UKRKOSMOS"
008	ZAKARPATSKA REGIONAL STATE TV AND RADIO BROADCASTING COMPANY
010	UKRAINA BROADCASTING COMPANY
012	LIMITED LIABILITY COMPANY
014	"BROADCASTING COMPANY CLASS"
016	"NEW CHANNEL" LLC
018	COMMUNAL ENTERPRISE TV COMPANY "PRYLUKY" OF PRYLUKY LOCAL COUNCIL TV AND RADIO COMPANY "YUG" LLC
020	TOV TRK "GRANT"
022	TV STUDIO "RADEKHIV"
024	PRIVATE ENTERPRISE "TRC VTV PLUS"
026	PRIVATE JOINT STOCK COMPANY "TV COMPANY "PRAVO A/TVK""
028	TELERADIOCOMPANY "UKRANIAN-POLISH RADIO AND TELEVISION "CONCORD"" LIMITED
030	DNIPROPETROVSK STATE TELEVISION AND BROADCASTING COMPANY
032	SHOSTKINSKA BROADCASTING COMPANY "TELEKOM-SERVICE"
034	"TELERADIOKOMPANIYA "SOIUZ TV"" LLC PRIVATE ENTERPRISE "TV COMPANY "RAI"" "TELERADIOKOMPANIYA "TRK SATURN"" LLC
036	TELERADIOKOMPANIYA VILNOGIRSKYI
038	TEHNOCENTRE
040	PRIVATE JOINT STOCK COMPANY "TV CHANNEL "INTER""
042	LLC "TELE-RADIO COMPANU 'ART' LTD"
044	DAUGHTER ENTERPRISE "BROADCASTING COMPANY 'STERH' OF LLC "NATURE INVESTMENTS"
046	"BROADCASTING COMPANY QUARTZ" LLC
048	KHERSON REGIONAL STATE BROADCASTING COMPANY "SLIFIJA"
050	"TV AND RADIO COMPANY CHERNIVTSI" LTD PRIVATE REGIONAL TV AND RADIO COMPANY "DUFUL"
052	KHMELNYTSKYI REGIONAL STATE BROADCASTING COMPANY "PODILLYA-CENTR"
054	"VOLODYMYR-VOLYNSKYI BROADCAST TELEVISION AGENCY 'VOLODYMYR'"
056	PERVOMAISKYI CENTR OF TELEVISION BROADCASTING "TELECOM-1"
058	CHERKASSY REGIONAL STATE BROADCASTING COMPANY
060	
062	
064	

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

UKR	Ukraine		
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	TERNOPIL STATE TELEVISION AND BROADCASTING COMPANY	086	TV AND RADIO COMPANY "TELEFACT"
087	KHARKIV STATE TV AND RADIO COMPANY	088	MUNICIPAL UTILITY COMPANY "INFORMATION-TV COMPANY 'VITRA'"
089	REGION TV COMPANY	090	ZAPORIZHZHYA INDEPENDENT TELEVISION AND RADIO BROADCASTING COMPANY "TV-5" LTD
091	VOLYN REGIONAL AND STATE BROADCASTING COMPANY	092	BROADCASTING COMPANY "SAT-PLUS" LLC
093	TELERADIOCOMPANY "ILLICHIVSK TELEVISION-3" LTD	094	JSC "TELERADIOCOMPANY LUX"
095	TELEORGANIZACIYA "POLONSKYI TV-KANAL"	096	TELERADIOCOMPANY "NADIYA" LLC
097	SUMY REGIONAL STATE TV AND RADIO COMPANY	098	BROADCASTING, RADIOCOMMUNICATIONS AND TELEVISION CONCERN (BRT)
099	TV RADIO COMPANY "KONTAKT" LLC	100	ENTERPRISE WITH FOREIGN INVESTMENTS IN THE FORM OF A LIMITED LIABILITY COMPANY, "TV AND RADIO COMPANY 'NBM' "
101	TELERADIOCOMPANY "EXPRESS-INFORM" LLC	102	TV AND RADIO COMPANY "INFO-CENTRE"
103	"TVRADIOCOMPANY TRT-TV" LTD	104	PRIVATE RADIO-TELEVISION COMPANY "ORION"
105	TV CHANNEL "TONIS" LTD	106	TV RADIO ASSOCIATION "KONTAKT" LLC
107	TELERADIOCOMPANY "MGOK TV" BRANCH ESTABLISHMENT OF PUBLIC JOINT STOCK COMPANY "MARGANETS MINING AND CONCENTRATING INDUSTRIAL COMPLEX"	108	TOV "TRK" PRIMOR'YA"
109	LIMITED LIABILITY COMPANY	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 EKSCLIUZYV 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"

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

UKR	Ukraine
143	KUPYNSKAY TELERADIOCOMPANY
145	COMMUNAL ENTERPRISE TV AND RADIO COMPANY "ZHASMIN"
147	TELEVISION COMPANY ORBITA LLC
149	GRAVIS-KINO LLC
151	LIMITED LIABILITY COMPANY BROADCASTING "TV STIMULUS"
153	COMPANY IRTC "TOP" LLC
155	'TELERADIOKOMPANIYA "ALEX TV" '
157	BROADCASTING COMPANY "ALTA"
159	PRIVATE ENTERPRISE TELEVISION BROADCASTING COMPANY PULSAR RTB
161	STATE ENTERPRISE 'TV AND RADIO COMPANY "AVERS" '
163	GORODOK DISTRICT TELERADIOPRESTSENTR "4 HTB"
165	TV BROADCASTING COMPANY "STUDIO 1+1"
167	"ALSET PLUS" LTD
169	TELEVISION COMPAGNY "TV-SPHERE " LLC
171	SUBSIDIARY COMPAGNY "KONTAKT-SLAVUTA" LLC
173	"NBM-ZAPORIZHZHIA" LLC
175	"TELESTUDIO INFORMATION SERVICE" LTD
177	UKRTELECOM JSC
179	'TV AND RADIO COMPANY "KUPOL" ' LLC
181	'TV STUDIO "ASTRA-TV" ' LLC
183	LIMITED PARTNERSHIP 'TV CHANNEL "MEGA" '
185	LIMITED LIABILITY COMPANY "FLIGHT CONTROL"
187	DATAGROUP PJSC
189	THE NATIONAL TECHNICAL UNIVERSITY OF UKRAINE "IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE"
144	PRIVATE ENTERPRISE 'TELERADIOKOMPANIYA "SAT"
146	'TELERADIOKOMPANIYA "ACCENT" '
148	GRAVIS LLC
150	TRK "S-TET"
152	TAK TV+ LLC
154	TRC "ZHISA" LTD
156	BROADCASTING COMPANY TET DNIPROPETROVSK LLC
158	PRYVATNE PIDPRYJEMSTVO "RAJONNE TELEBACHENNJA"
160	TV CHANNEL "STEP"
162	PRIVATE ENTERPRISE "ITA - INDEPENDENT TELEVISION AGENCY"
164	PJSC 'TV COMPANY "TET" '
166	TRC "SIGMA" LLC
168	BROADCASTING COMPANY "ALEX" LLC
170	THE RADIO AND TV OFFICE OF SHPOLA DISTRICT
172	"AVTOR-TV" LLC
174	TELEVISION AND RADIO BROADCASTING COMPANY "VIKKA" LTD
176	"TV AND RADIO COMPANY MST" LLC
178	KIROVOGRAD REGIONAL STATE TV AND RADIO BROADCASTING COMPANY
180	'TV AND RADIO COMPANY "AKADEMIA" ' LLC
182	VINNYTSIA REGIONAL ASSOCIATION OF PUBLIC TELEVISION AND RADIO COMPANY "VINNYTCHYNA"
184	TELERADIOCOMPANY "SIMON" LLC
186	NATIONAL SPACE FACILITIES CONTROL AND TEST CENTER (NSFCTC)
188	JSC UKRAINIAN RAILWAYS
190	UKRAINIAN STATE AIR TRAFFIC SERVICES ENTERPRISE (UKSATSE)
URG	Uruguay

A URSEC (UNIDAD REGULADORA DE SERVICIOS DE COMUNICACIONES)
 AVENIDA URUGUAY NRO 988
 C.P. 11200 MONTEVIDEO
 URUGUAY
 TELEFAX: +598 2 9012252
 TELEX: 03223213 DINACO UY
 PHONE: +598 2 9028082 INT 139
 EMAIL: jpiaggio@ursec.gub.uycdolinkas@ursec.gub.uy

001	FUERZA AEREA	002	P.L.U.N.A. (PRIMERAS LINEAS URUGUAYAS DE NAVEGACION AEREA)
003	CIRCULO AERODEPORTIVO DE MONTEVIDEO	004	ADMINISTRACION NACIONAL DE TELECOMUNICACIONES
005	TYDEO BELSON RODRIGUEZ	006	PRESS WIRELESS URUGUAYA LTDA MONTEVIDEO
007	AGROMAX S.A.	008	JEFATURA DE POLICIA DE MONTEVIDEO
009	CENTRO AUTOMOVILISTA DEL URUGUAY, MONTEVIDEO	010	USINAS DE TRANSMISIONES ELECTRICAS
011	COLONIA EDUCACIONAL DE SUAREZ, CONSEJO DEL NINO	012	PREFECTURA DE PUERTO, CARMELO
013	PREFECTURA DE PUERTO, COLONIA	014	PREFECTURA GENERAL MARITIMA
015	O.S.E. OBRAS SANITARIAS DEL ESTADO	016	SERVICIO OFICIAL DE DIFUSION RADIO ELECTRICA, MONTEVIDEO
017	HOMERO CASSALS ORREGO	018	A.M.D.E.T., MONTEVIDEO
019	AEROLINEAS ARGENTINAS	020	RUBEN D. LUCAS, MELO

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

URG	Uruguay		
021	PREFECTURA NACIONAL NAVAL	022	HUGO D. VELAZQUEZ Y NELSON GOMEZ
023	INSPECCION GENERAL DE MARINA (AERONAUTICA NAVAL)	024	YACHT CLUB
025	PAN AMERICAN AIRWAYS INC.	026	RUSSI Y BURASTERO S.A.
027	DIFUSORAS DEL URUGUAY, S.A., MONTEVIDEO	028	C.A.U.S.A.
029	SERVICIO METEOROLOGICO DEL URUGUAY	030	S.A. EMPRESA V.A.R.I.G.
031	AERO CLUB DEL URUGUAY	032	INGENIEROS PENAROL
033	DIRECCION DE AERONAUTICA CIVIL	034	ADMINISTRACION DE LOS FERROCARRILES DEL ESTADO
035	AERO CLUB SARANDI DEL YI	036	FUCA
037	RADIO POPULAR LTDA	038	DIARIO RURAL S.A.
039	LUIS BATLLE BERRES	040	CORPORACION DE PUBLICIDAD S.A.
041	JUAN M. GESTOSO Y LUIS BATLLE BERRES	042	LUIS A. ARTOLA
043	RAMON J. VINCI Y HECTOR J. CARBONE	044	S.A.D.R.E.P. LTDA
045	MARIA ELVIRA SALVO DE MARTINEZ ARBOLEYA	046	HARISPURU HNOS.
047	WALFRIDO FIGUEIRA MORAN	048	SALVADOR E. PERA
049	O.R.O.S.A.	050	COMPANIA URUGUAYA DE PUBLICIDAD S.A.
051	DIFUSORAS FLORIDA SOC. LTDA	052	A. CANEPA Y CIA
053	ALFONSO M. ORDOQUI	054	VAZQUEZ Y WALDER LTDA
055	MIGUEL A. PENNA	056	MIGUEL M. RACIOPPI
057	B.G.H.S.A.	058	PEDRO BRUCCOLERI
059	HECTOR VERNAZZA	060	ALBERTO MARROCHE PARONI-BASILICIO
061	LUIS S. DINI	062	BRAULIO SARAVIA Y DORA CASTRO DE OIS
063	JUAN RAMON VOLANTE	064	GABINO CURCIO
065	LICEO DE DOLORES	066	EMPRESA RADIO DURAZNO S.A.
067	MARIO ARTURO RAVAZZANI Y MARIO ALEJANDRO PERERA	068	SARA VAZQUEZ ALVAREZ
069	HECTOR LAMAISSON		JOSE M. OLAONDO
071	AERO CLUB PAYSANDU	070	GUILLERMO ARIZTI
073	JEFATURA DE POLICIA DE TREINTA Y TRES	072	OTIS ELEVATOR COMPANY
075	CARLOS FALCO, LAVALLEJA	074	LICEO DE ENSEÑANZA SECUNDARIA Y PREPARATORIA DE SAN CARLOS
077	JOCKEY CLUB DE PAYSANDU	076	MIGUEL MARCELINO RACIOPPI BALSEIRO Y ELIAS FELIPE LABORDA RAVIRA MERCEDES SORIANO
079	JULIO DIAZ ROMERO	078	MINISTERIO DEL INTERIOR
081	MARIO GIAMPIETRO	080	SAETA
084	ANTONIO LLAMBIAS MASSANES	082	METZEN Y CIA
087	INSPECCION GENERAL DEL EJERCITO	085	YAMAMNDU BORGES RIET
089	FRANCISCA SANCHO BARCELO, PUNTA DEL ESTE MALDONADO	088	ULISES LOBECIO PEDERNERA, CARMELO COLONIA
091	WALTER J. OTHAIX	090	VIRGINIA ORIBE DE TRAIHEL Y JOSE PEDRO TRAIHEL LARROQUE
093	D'ARTAGNAN PEDEZERT	092	MARIA J. FRIONI DE ESPIGA, J. RAFAEL ESPIGA FRIONI Y WALTER H. ESPIGA
095	JULIO C. DA ROSA	094	GUILLERMO NEWTON, HORACIO PESQUERA Y ELBIO GEIMONART
097	SCANDINAVIAN AIRLINES SYSTEM	096	COMANDO S.A.
099	HECTOR CESAR BALDOMIR MANANA	098	RELLIM S.A.
101	ADMINISTRACION NACIONAL DE PUERTOS	100	RICARDO GIOSCIA ZAMALVIDE
104	LINEAS AEREAS PARAGUAYAS S.A.	102	CENTRO PROPIETARIOS DE AUTOMOVILES CON TAXIMETRO
107	EVES S.A.	105	EMPRESA LA URUGUAYA (MARTINELLI Y CIA)
109	ARTIGAS GONZALEZ GALLO	108	CHALKLING CARLOS
111	DR. HERMES PEREIRA MACHADO, SALTO, URUGUAY	110	LUIS MURILLO MURARO ARTIGAS, URUGUAY
113	ABRAHAM LUCES	112	O. ROQUE DONATO BARTELLONI Y ANGEL W. DUFAUT, T. Y TRES 3223 FRAY BENTOS, URUGUAY
115	ULYSES PEREIRA REVERBEL	114	CIA AIR FRANCE
117	ATILIO FRANCOIS BALBI	116	NERY RAMON CABILLON
119	AUTOMOVIL CLUB DEL URUGUAY	118	VITABARES Y MAYER
122	ANGEL A. CACCIATORI	120	RAUL CASABAN GONZALEZ
124	ASOCIACION HONORARIA DE SALVAMENTOS MARITIMOS Y FLUVIALES (ADES)	123	PERCES S.A.
126	CUERPO DE BOMBEROS	125	JUAN CARLOS ARREDONDO
129	JOSE BATTLEORD	127	JULIO OLIVAR CABRERA
131	ABRAHAM RAIJ	130	LUIS A GARCIA MORA
133	JOSE G. GODINO	132	VICENTE R PRADO
135	ARTEMIO MARTINEZ DIAZ	134	NESTOR R. GRANA
137	SACHI S. EN C.	136	ELIAS C. ROVIRA Y ARIEL PANDOLFI
		138	ZEM S.A.

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

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
003	STANFORD RADIO ASTRONOMY INSTITUTE
005	OWENS VALLEY RADIO OBSERVATORY, CALIFORNIA INSTITUTE OF TECHNOLOGY ASSOCIATED UNIVERSITIES, INC.
007	CARNEGIE INSTITUTION OF WASHINGTON
009	HARVARD UNIVERSITY
012	COLLINS RADIO COMPANY
014	COMSAT GENERAL CORPORATION
016	SES AMERICOM, INC
018	RADIO AMATEUR SATELLITE CORPORATION
020	FEDERAL COMMUNICATIONS COMMISSION - A
023	FEDERAL COMMUNICATIONS COMMISSION - M
026	FEDERAL COMMUNICATIONS COMMISSION - G
029	UNITED NATIONS HEADQUARTERS, NEW YORK
031	US GOVERNMENT - FAA
068	FEDERAL COMMUNICATIONS COMMISSION - SI
130	CELSAT AMERICA, INC
141	DIGITALGLOBE, INC
143	DOMINION VIDEO SATELLITE, INC
145	FINAL ANALYSIS COMMUNICATION SERVICES, INC
147	IRIDIUM SATELLITE LLC
149	LOCKHEED MARTIN CORPORATION
151	MOBILE SATELLITE VENTURES SUBSIDIARY LLC
153	ORBCOMM LLC
155	PEGASUS DEVELOPMENT CORPORATION
157	SIRIUS XM RADIO LLC
159	THE BOEING COMPANY
161	VISIONSTAR INCORPORATED
163	XM SATELLITE RADIO
166	SKYTERRA COMMUNICATIONS, INC.
168	VIASAT INC
171	TELESAT
173	PLANET LABS PBC
178	FEDERAL COMMUNICATIONS COMMISSION, BC
230	SPRINT INDUSTRY STANDARDS
301	FEDERAL COMMUNICATIONS COMMISSION, PMW
320	FEDERAL COMMUNICATIONS COMMISSION, PR2 DEPARTMENT OF ENERGY
340	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
500	SPACE AND NAVAL WARFARE SYSTEMS COMMAND
502	MONTANA STATE UNIVERSITY CENTER FOR ROBOTIC EXPLORATION AND SPACE TECHNOLOGIES (CREST)
504	TETHERS UNLIMITED
506	SAN JOSE STATE UNIVERSITY
508	VERMONT TECHNICAL COLLEGE
510	UNIVERSITY OF NEW MEXICO
512	CAJUN ADVANCED PICO SATELLITE EXPERIMENT
514	UNIVERSITY OF FLORIDA
516	DREXEL UNIVERSITY
518	MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LABORATORY
520	UNIVERSITY OF ILLINOIS
522	HARVARD COLLEGE OBSERVATORY
002	US GOVERNMENT - GEN
004	DEPARTMENT OF COMMERCE
006	CITIES SERVICES COMPANY
008	UNIVERSITY OF CALIFORNIA
010	INTELSAT
013	AMERICAN TELEPHONE AND TELEGRAPH CO.
015	HUGHES NETWORK SYSTEMS, INC.
017	FEDERAL COMMUNICATIONS COMMISSION - FO
019	FEDERAL COMMUNICATIONS COMMISSION - FX
021	NATIONAL RADIO ASTRONOMY OBSERVATORY
024	US GOVERNMENT COAST GUARD
027	FEDERAL COMMUNICATIONS COMMISSION - SD
030	ASTROVISION INTERNATIONAL, INC
051	COLUMBIA COMMUNICATIONS CORPORATION
120	ATT/DIRECTV
140	ECHOSTAR SATELLITE CORPORATION
142	GLOBALSTAR L.P.
144	LEO ONE WORLDWIDE, INC
146	LORAL SKYNET
148	NETSAT 28 COMPANY, LLC
150	ORBITAL IMAGING CORPORATION
152	RAINBOW DBS COMPANY LLC
154	SPACE IMAGING LLC
156	VIRTUAL GEOSATELLITE, LLC
158	WILDBLUE HOLDINGS
160	NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP.
162	ATCONTACT COMMUNICATIONS, LLC
164	GE INTERNATIONAL HOLDINGS, INC
166	SKYBOX IMAGING INC
170	USABSN-24
172	FEDERAL COMMUNICATIONS COMMISSION, PLM
177	FEDERAL COMMUNICATIONS COMMISSION, PMA
179	FEDERAL COMMUNICATIONS COMMISSION, PR1
300	FEDERAL COMMUNICATIONS COMMISSION, PAV
310	SATELLITE SYSTEMS BRANCH, EROS DATA CENTER
330	SMC/AXG
350	US ARMY COMMUNICATIONS ELECTRONICS COMMAND
501	UNIVERSITY OF KANSAS
503	CALIFORNIA POLYTECHNIC STATE UNIVERSITY
505	UNIVERSITY OF MICHIGAN
507	COSMOGIA INC.
509	UNIVERSITY OF HAWAII
511	UNIVERSITY OF ALABAMA
513	ST. LOUIS UNIVERSITY
515	UNIVERSITY OF KENTUCKY
517	SAN JOSE STATE UNIVERSITY
519	

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

USA	United States		
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
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 - WOODBIDGE 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	PIXEL 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
786	AGGIESAT LABORATORY AT TEXAS A&M UNIVERSITY	788	GENMAT DEVELOPMENT LLC

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

USA	United States			
790	INTERNET THINK TANK, INC.	792	ROBERTSVILLE MIDDLE SCHOOL	
794	GEOMETRIC ENERGY CORPORATION	796	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	
798	ATOMOS NUCLEAR AND SPACE CORPORATION	800	APEX TECHNOLOGY, INC.	
802	SN SPACE SYSTEMS LLC	804	AST & SCIENCE, LLC	
806	INVERSION SPACE COMPANY	808	AETHERO SPACE INC.	
810	ABL SPACE SYSTEMS COMPANY	812	BLUE ORIGIN, LLC	
814	ARRAY LABS, INC.	816	LUNASONDE, INC.	
818	VAST SPACE, LLC	820	IMPULSE SPACE INC.	
824	NOVI, LLC	826	XPLORE INC.	
828	SPACE TELECOMMUNICATIONS, INC.	830	ASTROFORGE INC.	
834	GITAI USA, INC.	836	LOGOS SPACE SERVICES, INC.	
838	ROGUE SPACE SYSTEMS	840	SIERRA NEVADA COMPANY, LLC	
842	JOHNS HOPKINS UNIVERSITY	844	SILVERSAT LIMITED	
846	ALBEDO SPACE CORP.	848	HUBBLE NETWORK, INC.	
849	UNITED STATES NAVAL ACADEMY	850	VIRGINIA TECH UNIVERSITY	
852	MITRE CORPORATION	854	AUBURN UNIVERSITY	
856	UNIVERSITY OF NORTH DAKOTA	858	BASALT TECHNOLOGIES CORP.	
860	DENOMINACIÓN SOCIAL: UARX SPACE S.L.	900	LUMEN ORBIT, INC.	
902	TRUSTPOINT, INC.	904	PROTEUS SPACE	
906	AXIENT LLC	908	PERKINS LOCAL SCHOOL DISTRICT	

UZB	Uzbekistan			

A STATE COMMITTEE FOR RADIOFREQUENCIES OF THE
REPUBLIC OF UZBEKISTAN
28A, A. NAVOIY STREET
100011 TASHKENT
REPUBLIC OF UZBEKISTAN
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TELEX: 786116108 PTB UZ
PHONE: +988 71 138 4179 / 4178
EMAIL: gkrch@aci.uz

001 MINISTRY OF COMMUNICATIONS

VCT	Saint Vincent and the Grenadines			

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
VENEZUELA (REPÚBLICA BOLIVARIANA DE)
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TELEX: 03129729 DITEL VC
PHONE: +58 212 597 46 25
EMAIL: mpena@mppti.gob.ve

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

VEN	Venezuela		
B	COMISION NACIONAL DE TELECOMUNICACIONES (CONATEL) URBANIZACION LAS MERCEDES, AVENIDA VERACRUZ EDIFICIO CONATEL, PISO 7 CARACAS 1060 VENEZUELA TELEFAX: +58 212 993 6794 PHONE: +58 212 993 0019 EMAIL: jrivera@conatel.gob.ve 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.
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 PEDRENEZ
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

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

VEN	Venezuela		
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
TELEFAX: +44 20 79813208
TELEX: 051261969 DTI WBH G
EMAIL: ifc.enquiries@ofcom.org.uk
PHONE: +44 20 7981 3100

B CHIEF SPECTRUM OFFICER
TELECOMMUNICATIONS REGULATORY COMMISSION (TRC)
27 FISH LOCK ROAD, 3RD FLOOR
ROAD TOWN
TORTOLA VG1110
BRITISH VIRGIN ISLANDS
EMAIL: GNelson@trc.vg
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		

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

VTN	Viet Nam

A INTERNATIONAL COOPERATION DEPARTMENT
MINISTRY OF INFORMATION AND COMMUNICATIONS (MIC)
18 NGUYEN DU
HANOI
VIET NAM
TELEFAX: +84 4 8226590
TELEX: 0805411521 tcbd vt
PHONE: +84 4 8229267 / 6622
EMAIL: tuanlv@rfd.gov.vn

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

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

001 POSTES ET TELECOMMUNICATIONS
003 AIR-FRANCE
005 SWEDISH GOVERNMENT
007 SYNDICAT DES PLANTEURS

009 FORCES TERRESTRES
012 MARINE NATIONALE

014 SERVICE METEO DU VIET-NAM
016 SOCIETE INTERNATIONALE DE
TELECOMMUNICATIONS AERONAUTIQUES
(SITA)

018 AVIATION MILITAIRE VIETNAMENNE
021 DELEGATION DU GOUVERNEMENT DU CENTRE
VIET-NAM
023 VIETNAM NATIONAL SATELLITE CENTER

002 RADIODIFFUSION NATIONALE
004 MINISTRY OF COMMUNICATIONS, SEOUL
006 CHEMINS DE FER
008 RADIODIFFUSION ET TELEVISION
FRANCAISES
010 AVIATION CIVILE
013 SERVICE DES TRAVAUX PUBLICS DU VIET-
NAM
015 COMPAGNIE AIR VIET-NAM
017 FORCES ARMEES VIETNAMENNE

020 GARDE NATIONALE V N
022 FPT TECHNOLOGY RESEARCH INSTITUTE, FPT
UNIVERSITY

VUT	Vanuatu

A MANAGING DIRECTOR
TELECOM VANUATU LIMITED
P.O. BOX 146
PORT-VILA
TELEFAX: +678 22628
TELEX: 07711050 vatel nh
PHONE: +678 22185

001 DEPARTMENT OF POSTS AND
TELECOMMUNICATIONS

WAK	Wake Island

A FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU
ATTENTION: MR. RICHARD B. ENGELMAN
2000 M STREET
ROOM 868, STOP CODE #0800C
WASHINGTON DC 20554 / UNITED STATES OF AMERICA
TELEFAX: +1 202 418 1208 / 0398
TELEX: 025 VIA TWX 7108220160

B DEPARTMENT OF STATE,
WASHINGTON D.C. 20520

008 US GOVERNMENT - GEN

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

WAL	Wallis and Futuna Islands

- 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
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)
- C** ADMINISTRATEUR SUPERIEUR DU TERRITOIRE
DES ILES WALLIS ET FUTUNA
MATA-UTU
TELEX: POSTEL, 5100 WF
- | | | | |
|------------|------------------------------------|------------|------------------------|
| 001 | POSTES ET TELECOMMUNICATIONS | 002 | AVIATION CIVILE |
| 003 | FORCES TERRESTRES | 004 | SERVICE METEOROLOGIQUE |
| 008 | ADMINISTRATEUR SUPERIEUR | 009 | DEFENSE NATIONALE |
| 010 | CONSEIL SUPERIEUR DE L'AUDIOVISUEL | 011 | GENDARMERIE NATIONALE |
| 012 | ORANGE | | |

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

- A** DIRECTEUR DES RADIOCOMMUNICATIONS
ET DES TELEGRAPHES,
WILLEMSTAD,
CURACAO

XBY	Abyei region

- A** THE SECRETARY GENERAL
MINISTRY OF COMMUNICATIONS AND INFORMATION
TECHNOLOGY (MCIT)
P.O. BOX 7379
11123 KHARTOUM
SUDAN
TELEFAX: +249 187 177 777 / 171 112
PHONE: +249 187 173 710 / 711
EMAIL: terrestrial@ntc.gov.sd
TELEX: 0984 22299 GENTEL SD
- B** MINISTRY OF TELECOMMUNICATIONS AND POSTAL SERVICES
P.O. BOX 33
JUBA
SOUTH SUDAN
TELEFAX: +211 8118 20188
PHONE: +211 9123 94207 / 9771 02623
EMAIL: info@motps.goss.org

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

XGZ	Gaza Strip

A UNITED NATIONS
MR. GIAN PIERO T. ROZ, DIRECTOR OF
INFORMATION TECHNOLOGY SERVICES DIVISION
OFFICE OF CENTRAL SUPPORT SERVICES
DEPARTMENT OF MANAGEMENT
405 EAST 42ND STREET
ROOM S-1912A
NEW YORK NY 10017
EMAIL: yaptencom@un.org
TELEFAX: +1 212 963 2006 / 0335

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.

XUN	United Nations

A UNITED NATIONS
MR. GIAN PIERO T. ROZ, DIRECTOR OF
INFORMATION TECHNOLOGY SERVICES DIVISION
OFFICE OF CENTRAL SUPPORT SERVICES
DEPARTMENT OF MANAGEMENT
405 EAST 42ND STREET
ROOM S-1912A
NEW YORK NY 10017
TELEFAX: +1 212 963 2006 / 0335
EMAIL: yaptencom@un.org

XWB	West Bank

A UNITED NATIONS
MR. GIAN PIERO T. ROZ, DIRECTOR OF
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OFFICE OF CENTRAL SUPPORT SERVICES
DEPARTMENT OF MANAGEMENT
405 EAST 42ND STREET
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TELEFAX: +1 212 963 2006 / 0335

B STATE OF PALESTINE
MINISTRY OF TELECOM. & INFORMATION TECHNOLOGY
GAZA
TELEFAX: +970 82 825666

101	PALESTINIAN BROADCASTING CORPORATION	102	NATIONAL CO.

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

XWB	West Bank			
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			
A	THE HEAD, FREQUENCY SECTION MINISTRY OF TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY GENERAL DIRECTORATE OF TELECOMMUNICATIONS AIRPORT ROAD AL-JIRAF SANA'A P.O. BOX 25237 SANAA TELEFAX: +967 1 271131 TELEX: 0895 2340 MOC YE			
001	P.T.T.	002	CABLE AND WIRELESS	
003	MINISTRY OF PUBLIC WORKS, PORT TRUST HODEIDAH	004	YEMEN GOVERNMENT	
005	DEPARTMENT OF CIVIL AVIATION	006	HYUNDAI CONSTRUCTION CO. LTD.	
007	NKF KABEL, SANAA	008	MINISTRY OF INFORMATION	
009	YEMEN HUNT OIL COMPANY	010	MINISTRY OF OIL AND MINERAL RESOURCES	
011	SOVIET PETROLEUM EXP., KHORMAKSAR	012	AGRICULTURE MINISTRY, KHORMAKSAR	
013	FEDERAL REPUBLIC GERMAN EMBASSY, KHORMAKSAR	014	LIBYA REPUBLIC EMBASSY, KHORMAKSAR	
015	UNITED KINGDOM EMBASSY, KHORMAKSAR	016	AL YEMDA AIRLINES, KHORMAKSAR	
017	CIVIL AVIATION DEPARTMENT, P.O.BOX424, ADEN	018	BROADCASTING AND TELEVISION CORPORATION	
019	THE POSTMASTER GENERAL, MINISTRY OF WORKS AND COMMUNICATIONS	020	YEMEN TELECOMMUNICATIONS CORPORATION	
021	UNITED KINGDOM GOVERNMENT	022	MINISTRY OF ECONOMY AND INDUSTRY	
023	NATIONAL BANK OF YEMEN	024	DEMOCRATIC VIETNAM EMBASSY, KHORMAKSAR	
025	PEOPLE'S REPUBLIC OF HUNGARY EMBASSY, KHORMAKSAR	026	PEOPLE'S REPUBLIC OF CHINA EMBASSY, KHORMAKSAR	
027	ITALIAN EMBASSY, TAWAHI			
ZMB	Zambia			
A	ZAMBIA INFORMATION AND COMMUNICATIONS TECHNOLOGY AUTHORITY (ZICTA) STAND NUMBER 4909 CORNER OF INDEPENDENCE & UNITED NATIONS AVENUES LUSAKA ZAMBIA TELEX: 0902 TELECOMS ZA 33410 TELEFAX: +260 212 615 855 PHONE: +260 211 378 200/ 244424 / 244425 / 244427 EMAIL: SPL@ZICTA.ZM EMAIL: SPACECOM@ZICTA.ZM			
001	DEPARTMENT OF CIVIL AVIATION	002	MINISTRY OF DEFENCE	
003	ZAMBIA BROADCASTING SERVICES	004	MASS MEDIA COMPLEX FM	
005	ZAMBIA POLICE	006	POSTS AND TELECOMMUNICATIONS CORPORATION	
007	METEOROLOGICAL DEPARTMENT	008	GOVERNMENT COMMUNICATIONS DIVISION	
011	ZAMBIA AIRWAYS CORPORATION LIMITED	016	SWEDISH GOVERNMENT	

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

ZWE	Zimbabwe

A	POSTAL AND TELECOMMUNICATIONS REGULATORY AUTHORITY OF ZIMBABWE (POTRAZ) BLOCK A, EMERALD BUSINESS PARK 30 THE CHASE, MT. PLEASANT HARARE ZIMBABWE (REPUBLIC OF) TELEFAX: +263 242 333041 TELEX: 0907 24821 PTCHQ ZW PHONE: +263 242 333032		
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	Finding applicable to groups of frequency assignments of Non-GSO systems with large number of orbital planes and frequency assignments. 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.	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, 5.2.1.d, 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 5.2.1.e, 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, 5.2.1.d, 6.3.9 or 7.4.5.2 of Appendix 30 (WRC-97)		02.06.2000
N	Paragraphs 5.2.1b, 5.2.1c, 5.2.1.d 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, 5.2.1.d, 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/OPRV---	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	The assignments of the broadcasting-satellite (BSS) network associated with the specific receiving earth station have been recorded in the Master Register. 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. 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). 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. 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.		
Q/RS85	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	
Q/RS770	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
Q/RS169	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	
Q/RS761	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	
Q/RS140	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	
Q/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 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	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. 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.	01.12.2002	
C	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. 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.	01.06.2003	04.02.2014
CC	The station to which this frequency assignment refers to is located on a disputed territory. The recording of this frequency assignment in the Master Register or in any Plan associated with an ITU Agreement does not imply any recognition of sovereignty over this territory and does not imply the expression of any opinion whatsoever on the part of the ITU or its secretariat in that respect.	04.03.2025	
H	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.		
K	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		

SECTION IV - Table 13B: Symbols used in column 13B

Code	Remarks concerning Findings	Use from	Use to
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).		
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: $F(\text{MHz}) = 11700 + k \cdot 20.5$, 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: $F(\text{MHz}) = 11700 + k \cdot 2.6$, 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 = $28.617600 + 0.000275 \times n$ 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 = $29.517600 + 0.000275 \times n$ 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