

# INTERNATIONAL TELECOMMUNICATION UNION



*Radiocommunication Bureau*

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2 June 1998

Circular-letter  
CR/96

## To Administrations of Member States of ITU

- Subject:** Forms for use when submitting the administrative due diligence information to the Radiocommunication Bureau
- References:** Final Acts of the World Radiocommunication Conference, Geneva, 1997 (WRC-97), in particular Resolution 49 (WRC-97)

To the Director-General

Dear Sir,

1 Further to the entry into force on 22 November 1997 of part of the above-mentioned Final Acts, and having regard to Resolution 49 (WRC-97), the Bureau has developed form RS49, which is to be used by administrations when submitting, to the Radiocommunication Bureau, the information relevant to administrative due diligence for certain satellite services.

2 Two blank copies of the form RS49 together with detailed instructions for completing the forms are enclosed with the present circular-letter.

3 The Radiocommunication Bureau is currently developing a data-capture software which will facilitate the submission of administrative due diligence information in electronic form. Such software should be made available to administrations by June 1998.

4 Administrations and in particular those administrations notifying a significant number of satellite networks to the Radiocommunication Bureau are urged to submit the administrative due diligence data in electronic form.

Yours faithfully,

Robert W. Jones  
Director, Radiocommunication Bureau

**Enclosures**

**Distribution:**

- Administrations of Member States of ITU
- Members of the Radio Regulations Board

## ANNEX 1

(to BR Circular-letter No. CR/96)

### **Instructions for filling out the due diligence form RS49 relating to space radiocommunication stations**

(Annex 2 to Resolution 49, WRC-97)

#### **1 Introduction**

1.1 The form RS49 has been developed by the Radiocommunication Bureau in accordance with the decisions of WRC-97. In drawing up the forms, the Bureau has taken into consideration the use made by the Bureau of the ITU computer facilities in the treatment of the forms of notice. These forms also serve as the basis of a PC-based data capture system that the Bureau is currently developing for use by administrations and which should be made available by June 1998.

1.2 The present instructions are supplementary to those contained in Annex 2 to Resolution 49 (WRC-97).

1.3 For convenience, Resolution 49 (WRC-97) is reproduced in Annex 2 to this circular-letter.

#### **2 General**

The form attached to this circular-letter concerns the information to be submitted to the Radiocommunication Bureau for administrative due diligence (form RS49). It consists of several parts described below and followed by some explanations.

2.1 The forms RS49 consist of the following parts which are presented on three pages identified in the lower left corner:

- Form RS49/1 - *Identity of the satellite networks*  
*Spacecraft Manufacturer*  
*Launch provider*
- Form RS49/2 - *Satellite network characteristics*
- Form RS49/3 - *Satellite network characteristics (Appendices 30/S30, 30A/S30A and 30B/S30B)*

2.2 These forms have been created to cover the relevant data items listed under Annex 2 to Resolution 49 (WRC-97).

2.3 In each part, many information items/data fields include an identifier title. This identifier is the same as that used for the same item in Annex 2 to Resolution 49 (WRC-97). For example, on the page labelled "Form RS49/1" (at the bottom), the field "Ah. Name of the satellite" is the item numbered h in Part A of Annex 2 to Resolution 49 (WRC-97).

2.4 If there is more information than can fit in a box, use another page of the same type to provide additional data, after checking (✓) the field labelled "More on next page" on the preceding page.

2.5 These forms, in addition to their use to provide administrative due diligence data pertaining to a new satellite network can also be used to modify data already provided to the

Bureau. The relevant indication (**A** for ADD, **M** for MOD) is to be given in the corresponding box at the top right-hand corner of the first page in the area titled "Notification intended for".

2.6 To indicate a date when filling the form, use two digits each to indicate the day, month and four digits to indicate the year, in that order.

### **3 Detailed instructions for filling out notice forms**

**3.1** The instructions for filling out the individual data items on notice form RS49 are given below. The items appear in the order that they appear on the form RS49. Each item (together with the reference to Annex 2 to Resolution 49 (WRC-97), as appropriate) appears in bold text with the detailed instructions concerning that item appearing immediately underneath.

The pages of a complete notice should be numbered consecutively in the boxes provided for this purpose in the top right hand corner of each form.

#### **3.2 Instructions for due diligence form RS49**

##### **General characteristics**

###### **Date**

A date given by the notifying administration for its own use.

###### **Administration serial number**

A serial or reference number given by the administration for its own use.

###### **Ab Notifying administration**

The country symbol designating the notifying administration and the symbol designating the international satellite system, if appropriate (see Tables B1 and B2 of the preface to the IFL, the SRS and the WIC).

###### **No. S9.1 Advance publication**

Enter "X" to indicate that the form is submitted for a satellite network for which only the advance publication information under RR1042, paragraph 3.1 of Resolution 33, paragraph 1.1 of Resolution 46 or No. S9.1, as appropriate, has been submitted to the Bureau.

###### **No. S9.6 Request for coordination**

Enter "X" to indicate that the form is submitted for a satellite network for which the coordination request information under RR1060, paragraph 3.2.1 of Resolution 33, paragraph 2.1 of Resolution 46 or Nos. S9.7, S9.8, S9.9, S9.11, S9.12, S9.13, as appropriate, has been submitted to the Bureau.

**Notification under No. S11.2 or Article 5 of Appendices 30/S30 and 30A/S30A**

Enter “X” to indicate that the form is submitted for a satellite network for which the notification information under Article 13, Article S11 or Article 5 of Appendices 30/S30 or 30A/S30A, as appropriate, has been submitted to the Bureau.

**Appendix 30/S30, Article 4, Modification/Addition**

Enter “X” to indicate that the form is submitted for a satellite network for which the information for modification of the Plan under Article 4 of Appendix 30/S30 has been submitted to the Bureau.

**Appendix 30A/S30A, Article 4, Modification/Addition**

Enter “X” to indicate that the form is submitted for a satellite network for which the information for modification of the Plan under Article 4 of Appendix 30A/S30A has been submitted to the Bureau.

**Appendix 30B/S30B, Article 6, Additional uses**

Enter “X” to indicate that the form is submitted for a satellite network for which the information for additional uses under Article 6 of Appendix 30B has been submitted to the Bureau

In the case where more than one of the above six cases apply, provide all that are relevant.

**Action indicator ADD/MOD**

Enter **A** or **M** for the addition of administrative due diligence data pertaining to a new satellite network, or the modification of existing data already provided to the Bureau, as appropriate.

**Reference to previous special section to be modified**

If the action indicator is “M”, enter the reference to the previous RS49 special section to be modified. In these cases the administration has to provide, in addition to this reference, the identity of the satellite network.

**Part 1: Identity of the satellite network**

**Ah Name of the satellite network**

Enter the name of the space station (if different from the name under item Aa below) using not more than 20 characters.

**Aia1 Nominal orbital longitude**

Enter the nominal orbital longitude of the space station expressed in decimal degrees E or W; the value should not exceed 180 degrees.

**Aib1 Inclination angle**

Enter the angle (expressed in decimal degrees) of the inclination of the orbital plane relative to the equatorial plane of the Earth.

**Aib2 Period**

Enter the time elapsing between two consecutive passages of the satellite through a characteristic point on its orbit expressed in days and hours, or in hours and minutes (see No. S1.186).

**Aib3a Apogee**

Enter the relevant altitude of the apogee, expressed in kilometres above a specified reference surface serving to represent the surface of the Earth . Where the value is greater than 99 999.99 km, provide the apogee in exponential format (to the base 10).

**Aib3b Perigee**

Enter the relevant altitude of the perigee, expressed in kilometres above a specified reference surface serving to represent the surface of the Earth . Where the value is greater than 99 999.99 km, provide the perigee in exponential format (to the base 10).

**Aib4 Number of satellites**

Enter the total number of satellites having the same radio-frequency characteristics and the same notified orbital characteristics being used for the given service.

**Number of orbital planes**

Enter the number of orbital planes.

**Part 2: Spacecraft manufacturer <sup>1</sup>**

**Ba Name of the spacecraft manufacturer**

Enter the name of the spacecraft manufacturer using not more than 20 characters.

**Bb Date of execution of the contract**

Indicate the date of execution of the contract.

**Bc Contractual “delivery window”**

Indicate the planned period (beginning and end dates) for the contractual delivery of the geostationary satellite or group of identical non-geostationary satellites, as appropriate, by the spacecraft manufacturer.

**Bd Number of satellites procured**

Indicate the total number of satellites procured.

**Part 3: Launch services provider**

**Ca Name of the launch services provider**

Enter the name of the launch services provider using not more than 20 characters.

**Cd Name of the launch vehicle**

Enter the name of the launch vehicle.

**Cb Date of execution of the contract**

Indicate the date of execution of the contract.

**Cc Anticipated launch or in-orbit “delivery window”**

Indicate the planned period (beginning and end dates) for the anticipated launch or in-orbit delivery of the geostationary satellite or group of identical non-geostationary satellites by the launch service provider.

**Ce Name of the launch facility**

Enter the name of the locality by which the launch facility is known or in which it is located, using not more than 20 characters; see Table 4A1 of the Preface to the IFL the SRS and the WIC for standard abbreviations.

**Country/Location**

Indicate the country or the location in which the launch facility is located using the appropriate symbol given in Table B1 of the Preface to the IFL, the SRS and the WIC.

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<sup>1</sup> In cases where a contract for satellite procurement covers more than one satellite, the relevant information shall be submitted for each geostationary satellite or each group of identical non-geostationary satellites.

### **Ce Geographical coordinates**

Indicate the geographical coordinates (in degrees and minutes) of the launch site.

## **Part 4: Satellite network characteristics**

### **Aa Identity of the satellite network**

Enter the name of the space station using not more than 20 characters. The name to be used is the same as indicated in the appropriate forms of notice already sent to the Bureau for advance publication, coordination request or notification, as appropriate.

### **Date of bringing into use**

Indicate the date on which the satellite network is expected to be brought into use.

### **Ag Operating agency**

Using symbols from Table 12A/12B of the Preface to the IFL, the SRS and the WIC, indicate the name of the operating agency or company.

### **Ad Reference to :**

#### **Advance publication**

Enter the number of the Special Section (and modification, if any) of the weekly Circular in which the advance information was published under RR1042 of Article 11 or No. S9.1 of Article S9; leave blank if such publication has not been made.

#### **Request for coordination**

Enter the number of the Special Section (and modification, if any) of the weekly Circular in which the request for coordination was published under Section II of Article 11, Section II of Annex 1 to Resolution 46, Section B of Resolution 33 or Section II to Article S9, as appropriate; leave blank if such publication has not been made. (See chapter 1, paragraph 2 of Section II of the Preface to the IFL, the SRS and the WIC.)

#### **Date of submission of Article 13/Article S11 Notification**

Indicate the date on which the Article 13/Article S11 notification information has been sent to the Radiocommunication Bureau.

### **Af Frequency band(s)**

Enter the range's lower (FROM) and upper (TO) frequencies in MHz above 28 000 kHz to 10 500 MHz inclusive, and in GHz above 10 500 MHz, and enter the letter M or G, as appropriate for each band.

### **Remarks**

This box should be used to supply any other information or remark which the notifying administration considers useful and which is not contained on the form itself or in an attachment thereto.



**Part 5: Satellite network characteristics (Appendices 30/S30, 30A/S30A and 30B/S30B)**

**APPENDICES 30/S30 AND 30A/S30A**

**Aa Identity of the satellite network**

Enter the name of the space station using not more than 20 characters. The name to be used is the same as indicated in the appropriate forms of notice already sent to the Bureau for modification to the Plans of Appendices 30/S30 or 30A/S30A, additional uses in the plan of Appendix 30B/S30B or notification, as appropriate.

**Date of bringing into use**

Indicate the date on which the satellite network is expected to be brought into use.

**Ag Operating agency**

Using symbols from Table 12A/12B of the Preface to the IFL, the SRS and the WIC, indicate the name of the operating agency or company.

**Ad Reference to :**

**Modification/addition to Appendix 30/S30 Plans**

Enter the number of the Special Section (and modification, if any) of the weekly Circular in which the request for modification of, or addition to the Plans under Article 4, paragraph 4.1 of Appendix 30/S30 was published; leave blank if such publication has not been made.

Indicate by an "X" in the relevant box the appropriate Plan.

**Modification/addition to Appendix 30A/S30A Plans**

Enter the number of the Special Section (and modification, if any) of the Weekly Circular in which the request for modification of, or addition to the Plans under Article 4, paragraph 4.1 of Appendix 30A/S30A was published; leave blank if such publication has not been made

Indicate by an "X" in the relevant box the appropriate Plan.

**Af Frequency channels/necessary bandwidth of AP30/S30**

Using Table 4 of Article 10 of Appendix 30/S30 for Region 2 Plan or Section 11.3 of Article 11 of Appendix 30/S30 for Regions 1 and 3 Plan, indicate the operating frequency channel numbers. In case where the center frequencies are different from those given in Table 4 of Article 10 or Section 11.3 of Article 11 of Appendix 30/S30, indicate the channel numbers and the shifted center frequencies on a separate sheet of paper. Indicate also the necessary bandwidth expressed in MHz.

**Af Frequency channels/necessary bandwidth of AP30A/S30A**

Using Table 2 of Article 9 of Appendix 30A/S30A for Region 2 Plan or Tables 2A and 2B of Article 9A of Appendix 30A/S30A for Regions 1 and 3 Plan, indicate the operating frequency channel numbers. In case where the center frequencies are different from those given in Table 2 of Article 9 or Tables 2A and 2B of Article 9A of Appendix 30A/S30A, indicate the channel numbers and the shifted center frequencies on a separate sheet of paper. Indicate also the necessary bandwidth expressed in MHz.

**APPENDIX 30B/S30B**

**Af Frequency band(s)**

Enter the range's lower (FROM) and upper (TO) frequencies expressed in MHz above 28 000 kHz to 10 500 MHz inclusive, and in GHz above 10 500 MHz, and enter the letter M or G, as appropriate for each band.

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ANNEX 2

(to BR Circular Letter No. CR/96)

RESOLUTION 49 (WRC-97)

**ADMINISTRATIVE DUE DILIGENCE APPLICABLE TO  
SOME SATELLITE COMMUNICATION SERVICES**

The World Radiocommunication Conference (Geneva, 1997),

*considering*

- a)* that Resolution 18 of the ITU Plenipotentiary Conference (Kyoto, 1994) instructed the Director of the Radiocommunication Bureau to initiate a review of some important issues concerning international satellite network coordination and make a preliminary report to the 1995 World Radiocommunication Conference (WRC-95) and a final report to this Conference;
- b)* that the Director of the Radiocommunication Bureau provided a comprehensive report to this Conference including a number of recommendations for action as soon as possible and identifying areas requiring further study;
- c)* that one of the recommendations in the Director's report was that administrative due diligence should be adopted as a means of addressing the problem of reservation of orbit and spectrum capacity without actual use;
- d)* that experience may need to be gained in the application of the administrative due diligence procedures adopted by this Conference, and that several years may be needed to see whether administrative due diligence measures produce satisfactory results;
- e)* that new regulatory approaches may need to be carefully considered in order to avoid adverse effects on networks already going through the different phases of the procedures;
- f)* that Article 44 of the Constitution (Geneva, 1992) sets out the basic principles for the use of the radio-frequency spectrum and the geostationary-satellite orbit, taking into account the needs of developing countries,

*considering further*

that this Conference has decided to reduce the regulatory time-frame for bringing a satellite network into use,

*resolves*

1. that the administrative due diligence procedure contained in Annex 1 to this Resolution shall be applied as from 22 November 1997 for a satellite network or satellite system of the fixed-satellite service, mobile-satellite service or broadcasting-satellite service for which the advance publication information under No. **S9.2B** of the Radio Regulations, or for which the request for modifications of the Plans under Article 4, § 4.1 *b)* of Appendices **30** and **30A** to the Radio Regulations that involve the addition of new frequencies or orbit positions, or for which the request for modifications of the Plans under Article 4, § 4.1 *a)* of Appendices **30** and **30A** that extends the service area to another country or countries in addition to the existing service area, or for which the submission of information of Annex 2 of Appendix **30B** under supplementary

provisions applicable to additional uses in the planned bands as defined in Article 2 of that Appendix (Section III of Article 6 of Appendix **30B**) has been received by the Bureau from 22 November 1997;

2. that for a satellite network or satellite system within the scope of § 1., 2. or 3. of Annex 1 to this Resolution not yet recorded in the Master International Frequency Register (MIFR), for which the advance publication information under No. **1042** of the Radio Regulations or the request for a modification to the Plans of Appendices **30** and **30A** or for the application of Section III of Article 6 of Appendix **30B** has been received by the Bureau before 22 November 1997, the responsible administration shall submit to the Bureau the complete due diligence information in accordance with Annex 2 to this Resolution not later than 21 November 2003, or before the expiry of the notified period for bringing the satellite network into use, plus any extension period which shall not exceed three years pursuant to the application of No. **1550** of the Radio Regulations or the dates specified in the relevant provisions of Appendix **30** (§ 4.3.5), Appendix **30A** (§ 4.2.5 and 4.2.6) or Appendix **30B** (§ 6.57), whichever date comes earlier. If the date of bringing into use, including extension specified above, is before 1 July 1998, the responsible administration shall submit to the Bureau the complete due diligence information in accordance with Annex 2 to this Resolution not later than 1 July 1998;

3. that for a satellite network or satellite system within the scope of § 1., 2. or 3. of Annex 1 to this Resolution recorded in the MIFR, the responsible administration shall submit to the Bureau the complete due diligence information in accordance with Annex 2 to this Resolution not later than 21 November 2000;

4. that six months before the expiry date specified in *resolves* 2. or 3. above, if the responsible administration has not submitted the due diligence information, the Bureau shall send a reminder to that administration;

5. that if the due diligence information is found to be incomplete, the Bureau shall immediately request the administration to submit the missing information. In any case, the complete due diligence information shall be received by the Bureau before the expiry date specified in *resolves* 2. or 3. above, as appropriate, and shall be published by the Bureau in the Weekly Circular;

6. that if the complete due diligence information is not received by the Bureau before the expiry date specified in *resolves* 2. or 3. above, the request for coordination or request for a modification to the Plans of Appendices **30** and **30A** or for application of Section III of Article 6 of Appendix **30B** as covered by *resolves* 1. above submitted to the Bureau shall be cancelled. Any modifications of the Plans (Appendices **30** and **30A**) shall lapse and any recording in the MIFR as well as recordings in the Appendix **30B** List shall be deleted by the Bureau after it has informed the concerned administration. The Bureau shall publish this information in the Weekly Circular,

*further resolves*

that the procedures in this Resolution are in addition to the provisions under Article **S9** or **S11** of the Radio Regulations or Appendices **30**, **30A** or **30B**, as applicable, and, in particular, do not affect the requirement to coordinate under those provisions (Appendices **30**, **30A**) in respect of extending the service area to another country or countries in addition to the existing service area,

*instructs the Director of the Radiocommunication Bureau*

to report to the 1999 World Radiocommunication Conference (WRC-99) and future competent world radiocommunication conferences on the results of the implementation of the administrative due diligence procedure,

*instructs the Secretary-General*

to bring this Resolution to the attention of the 1998 Plenipotentiary Conference.

#### ANNEX 1 TO RESOLUTION 49 (WRC-97)

1. Any satellite network or satellite system of the fixed-satellite service, mobile-satellite service or broadcasting-satellite service with frequency assignments that are subject to coordination under Nos. **S9.7**, **S9.8**, **S9.9**, **S9.11**, **S9.12** and **S9.13** of the Radio Regulations, Resolution **33 (Rev.WRC-97)**, and Resolution **46 (Rev.WRC-97)** shall be subject to these procedures.
2. Any modifications of the Plans under Article 4, § 4.1 *b*) of Appendices **30** and **30A** that involve the addition of new frequencies or orbit positions or modifications of the Plans under Article 4, § 4.1 *a*) of Appendices **30** and **30A** that extend the service area to another country or countries in addition to the existing service area shall be subject to these procedures.
3. Any submission of information under Annex 2 of Appendix **30B** under supplementary provisions applicable to additional uses in the planned bands as defined in Article 2 of that Appendix (Section III of Article 6 of Appendix **30B**) shall be subject to these procedures.
4. An administration requesting coordination for a satellite network under § 1. above shall send to the Bureau as early as possible before bringing into use, but in any case to be received before the end of the 5-year period established as a limit to bringing into use in No. **S9.1** of the Radio Regulations, the due diligence information relating to the identity of the satellite network and the spacecraft manufacturer specified in Annex 2 to this Resolution.
5. An administration requesting a modification of the Plans of Appendices **30** and **30A** under § 2. above shall send to the Bureau as early as possible before bringing into use, but in any case to be received before the end of the period established as a limit to bringing into use in accordance with Appendix **30**, § 4.3.5, and with Appendix **30A**, § 4.2.5 and 4.2.6, the due diligence information relating to the identity of the satellite network and the spacecraft manufacturer specified in Annex 2 to this Resolution.
6. An administration applying Section III of Article 6 of Appendix **30B** relating to additional uses under § 3. above shall send to the Bureau as early as possible before the bringing into use, but in any case so as to be received before the bringing into use, the due diligence information relating to the identity of the satellite network and the spacecraft manufacturer specified in Annex 2 to this Resolution.

7. The information to be submitted in accordance with § 4., 5. or 6. above shall be signed by an authorized official of the notifying administration or of an administration that is acting on behalf of a group of named administrations.

8. On receipt of the due diligence information under § 4., 5. or 6. above, the Bureau shall promptly examine that information for completeness. If the information is found to be complete, the Bureau shall publish the complete information in a special section of the Weekly Circular within 30 days.

9. If the information is found to be incomplete, the Bureau shall immediately request the administration to submit the missing information. In all cases, the complete due diligence information shall be received by the Bureau within the appropriate time period specified in § 4., 5. or 6. above, as the case may be, relating to the date of bringing the satellite network into use.

10. Six months before expiry of the period specified in § 4., 5. or 6. above and if the administration responsible for the satellite network has not submitted the due diligence information under § 4., 5. or 6. above, the Bureau shall send a reminder to the responsible administration.

11. If the complete due diligence information is not received by the Bureau within the time limits specified in this Resolution, the networks covered by § 1., 2. or 3. above shall no longer be taken into account and shall not be recorded in the MIFR. The provisional recording in the MIFR shall be deleted by the Bureau after it has informed the concerned administration. The Bureau shall publish this information in the Weekly Circular.

With respect to the request for modification of the Plans of Appendices **30** and **30A** under § 2. above, the modification shall lapse if the due diligence information is not submitted in accordance with this Resolution.

With respect to the request for application of Section III of Article 6 of Appendix **30B** under § 3. above, the network shall also be deleted from the Appendix **30B** List, if applicable.

12. Before the Bureau extends the date of bringing into use under No. **S11.44** of the Radio Regulations, the complete due diligence information under § 4. above shall have been submitted by the responsible administration.

13. An administration notifying a satellite network under § 1., 2. or 3. above for recording in the MIFR shall send to the Bureau as early as possible before bringing into use, but in any case before the date of bringing into use, the due diligence information relating to the identity of the satellite network and the launch services provider specified in Annex 2 to this Resolution.

14. When an administration has completely fulfilled the due diligence procedure but has not completed coordination, this does not preclude the application of No. **S11.41** of the Radio Regulations by that administration.

#### ANNEX 2 TO RESOLUTION 49 (WRC-97)

##### **A. Identity of the satellite network**

*a)* Identity of the satellite network

*b)* Name of the administration

*c)* Country symbol

*d)* Reference to the advance publication information or to the request for modification of

the Plans in Appendices **30** and **30A**

- e)* Reference to the request for coordination (not applicable for Appendices **30** and **30A**)
- f)* Frequency band(s)
- g)* Name of the operator
- h)* Name of the satellite
- i)* Orbital characteristics

**B. Spacecraft manufacturer\***

- a)* Name of the spacecraft manufacturer
- b)* Date of execution of the contract
- c)* Contractual "delivery window"
- d)* Number of satellites procured

**C. Launch services provider**

- a)* Name of the launch vehicle provider
- b)* Date of execution of the contract
- c)* Anticipated launch or in-orbit delivery window
- d)* Name of the launch vehicle
- e)* Name and location of the launch facility

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\* NOTE - In cases where a contract for satellite procurement covers more than one satellite, the relevant information shall be submitted for each satellite.

DATE (Day/Month/Year) <input type="text"/>	<b>DUE DILIGENCE FORM</b> <b>SATELLITE NETWORK</b> (RESOLUTION 49 (WRC-97) - ANNEX 2)	PAGE 1 OF <input type="text"/>	<b>RS49</b>
Administration Serial Number <input type="text"/>			
Ab. NOTIFYING ADMINISTRATION <input type="text"/>	No. S9.1 Advance Publication <input type="checkbox"/>	No. S9.6 Request for coordination <input type="checkbox"/>	Notified/Recorded in the MIFR (Resolves 3, Resolution 49 (WRC-97)) <input type="checkbox"/>
Appendix 30/S30 Article 4 Modification/ Addition <input type="checkbox"/>	Appendix 30A/S30A Article 4 Modification/ Addition <input type="checkbox"/>	Appendix 30B/S30B Article 6 Additional Uses <input type="checkbox"/>	NOTIFICATION INTENDED FOR ADDITION MODIFICATION <input type="checkbox"/>
REFERENCE TO PREVIOUS SPECIAL SECTION (if modification)			
<b>R S 4 9 /</b> <input type="text"/>			

### 1. IDENTITY OF THE SATELLITE NETWORK

Ah. NAME OF THE SATELLITE <input type="text"/>				
<b>Ai. ORBITAL CHARACTERISTICS</b>				
a. FOR GEOSTATIONARY SATELLITES ONLY				
1. NOMINAL ORBITAL LONGITUDE				
Degrees <input type="text"/>		E/W <input type="text"/>		
b. FOR NON-GEOSTATIONARY SATELLITES ONLY				
1. INCLINATION ANGLE	2. PERIOD	3a. APOGEE (km)	3b. PERIGEE (km)	4. NUMBER OF SATELLITES
Degrees <input type="text"/>	Days Hours Min. <input type="text"/>	<input type="text"/> provide exponent to base 10 if value > 99999.99 <input type="text"/>	<input type="text"/> provide exponent to base 10 if value > 99999.99 <input type="text"/>	<input type="text"/>
NUMBER OF ORBITAL PLANES <input type="text"/>				

### 2. SPACECRAFT MANUFACTURER <sup>1</sup>

Ba. NAME OF THE SPACECRAFT MANUFACTURER <input type="text"/>				
Bb. DATE OF EXECUTION OF THE CONTRACT	Bc. CONTRACTUAL " DELIVERY WINDOW"	Bd. NUMBER OF SATELLITES PROCURED	MORE ON NEXT PAGE	
Day Month Year <input type="text"/>	From To Day Month Year <input type="text"/>	<input type="text"/>	<input type="text"/>	

### 3. LAUNCH SERVICES PROVIDER

Ca. NAME OF THE LAUNCH VEHICLE PROVIDER <input type="text"/>				
Cd. NAME OF THE LAUNCH VEHICLE <input type="text"/>				
Cb. DATE OF EXECUTION OF THE CONTRACT	Cc. ANTICIPATED LAUNCH OR IN-ORBIT " DELIVERY WINDOW"			
Day Month Year <input type="text"/>	From		To	
<input type="text"/>	Day Month Year <input type="text"/>	Day Month Year <input type="text"/>		
Ce. NAME OF THE LAUNCH FACILITY	<input type="text"/>			
COUNTRY/LOCATION <input type="text"/>	GEOGRAPHICAL COORDINATES		Longitude Degrees E/W Min. <input type="text"/>	Latitude Deg. N/S Min. <input type="text"/>
			<input type="text"/>	<input type="text"/>

<sup>1</sup> In cases where a contract for satellite procurement covers more than one satellite, the relevant information shall be submitted for each geostationary satellite, or each group of identical non-geostationary satellites.

**NOTES FOR RS49:**

- i. This form of notice consists of five parts as indicated below:
  - 1 - Identity of the satellite network    2 - Spacecraft manufacturer
  - 3 - Launch services provider            4 - Satellite network characteristics
  - 5 - Satellite network characteristics (Appendices 30/S30, 30A/S30A, and 30B/S30B)
 In each part, many information items/data fields include an identifier title. This identifier is the same as that used for the same item in Annex 2 to Resolution 49 (WRC-97).
- ii. If there is more information than can fit in a box, use another page of the same type to provide additional data, after checking (✓) the field labelled "More on next page" on the preceding page.
- iii. This form can be used to add, modify or suppress information, by entering **A** or **M** in the box at the top right-hand corner of this page in the area titled "Notification intended for".



INFORMATION COMMON TO THE FOLLOWING LIST OF FREQUENCY BANDS

Aa. IDENTITY OF THE SATELLITE NETWORK

DATE OF BRINGING INTO USE

Day	Month	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Ad. REFERENCE TO :

Advance publication

Mod

Ag. OPERATING AGENCY OR COMPANY

(Refer to Table 12A/12B of the Preface to the IFL & SRS)

Request for Coordination

Mod

DATE OF SUBMISSION OF ARTICLE S11/ARTICLE 13 NOTIFICATION

Day	Month	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Af. FREQUENCY BAND(S)

	FREQUENCY	k/M/G Hz
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>

	FREQUENCY	k/M/G Hz
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>

	FREQUENCY	k/M/G Hz
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>

INFORMATION COMMON TO THE FOLLOWING LIST OF FREQUENCY BANDS

Aa. IDENTITY OF THE SATELLITE NETWORK

DATE OF BRINGING INTO USE

Day	Month	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Ad. REFERENCE TO :

Advance publication

Mod

Ag. OPERATING AGENCY OR COMPANY

(Refer to Table 12A/12B of the Preface to the IFL & SRS)

Request for Coordination

Mod

DATE OF SUBMISSION OF ARTICLE S11/ARTICLE 13 NOTIFICATION

Day	Month	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Af. FREQUENCY BAND(S)

	FREQUENCY	k/M/G Hz
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>

	FREQUENCY	k/M/G Hz
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>

	FREQUENCY	k/M/G Hz
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>
FROM	<input type="text"/>	<input type="text"/>
TO	<input type="text"/>	<input type="text"/>

MORE ON NEXT PAGE

REMARKS

**INFORMATION COMMON TO THE FOLLOWING LIST OF FREQUENCY BANDS**

Aa. IDENTITY OF THE SATELLITE NETWORK

DATE OF BRINGING INTO USE

Day	Month	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Ag. OPERATING AGENCY OR COMPANY  
(Refer to Table 12A/12B of the Preface to the IFL & SRS)

**APPENDICES 30/S30 AND 30A/S30A**

Ad) REFERENCE OF THE PUBLICATION FOR MODIFICATION/ADDITIONS TO APPENDIX 30/S30 PLAN

SPECIAL SECTION No.  /  / Mod

Region 1 Plan (11.7-12.5 GHz)     Region 2 Plan (12.2-12.7 GHz)     Region 3 Plan (11.7-12.2 GHz)

REFERENCE OF THE PUBLICATION FOR MODIFICATION/ADDITIONS TO APPENDIX 30A/S30A PLAN

SPECIAL SECTION No.  /  / Mod

Region 1 Plan outside Europe (14.5-14.8 GHz)     Region 2 Plan (17.3-17.8 GHz)     Regions 1 & 3 (except Europe) Plan (14.5-14.8 GHz)  
 Region 1 Plan (17.3-18.1 GHz)     Region 3 Plan (17.3-18.1 GHz)

Af) FREQUENCY CHANNELS/NECESSARY BANDWIDTH OF AP30/S30  
NECESSARY BANDWIDTH

MHz

CHANNELS (No.) of AP30/S30<sup>2)</sup>

Af) FREQUENCY CHANNELS/NECESSARY BANDWIDTH OF AP30A/S30A  
NECESSARY BANDWIDTH

MHz

CHANNELS (No.) of AP30A/S30A<sup>3)</sup>

**APPENDIX 30B/S30B**

Af. FREQUENCY BAND(S)

	FREQUENCY	k/M/G Hz		FREQUENCY	k/M/G Hz		FREQUENCY	k/M/G Hz
FROM	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	FROM	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	FROM	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>
TO	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	TO	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	TO	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>
FROM	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	FROM	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	FROM	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>
TO	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	TO	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	TO	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>

2 In cases where the center frequencies are different from those given in Table 4 of Article 10 or Section 11.3 of Article 11 of Appendix 30/S30, indicate the channel numbers and the shifted center frequencies on a separate sheet of paper.

3 In cases where the center frequencies are different from those given in Table 2 of Article 9 or Tables 2A and 2B of Article 9A of Appendix 30A/S30A, indicate the channel numbers and the shifted center frequencies on a separate sheet of paper.

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REMARKS