

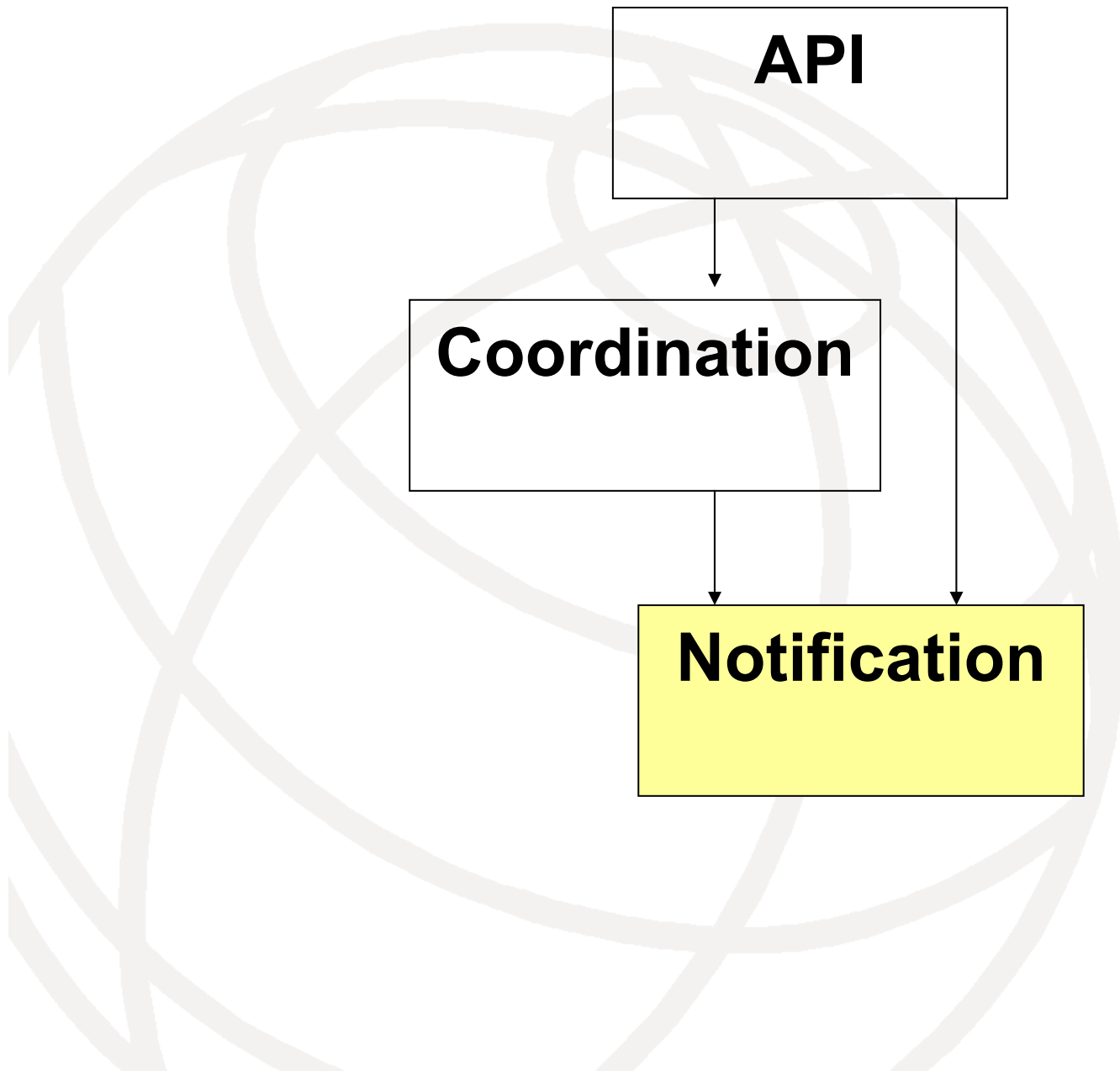


THE NOTIFICATION AND RECORDING OF FREQUENCY ASSIGNMENTS IN THE SPACE SERVICES

**Training Workshop on Satellite
28-30 September 2010
Bangkok, Thailand**



Committed to connecting the world



OUTLINE OF PRESENTATION

- •What needs to be notified
- •When to notify
 - Space stations
 - Earth stations
- •Notification Tools and Aids
 - What are they
 - Where can they be found
- •Examinations carried out at Notification
- •Where findings are published

NOTIFICATION PROVISIONS

Non-planned services

Article 11 of the Radio Regulations

WHAT NEEDS TO BE NOTIFIED

- **Frequency assignments of transmitting and receiving earth and space stations**
 - **Capable of causing harmful interference**
 - **Used for international radiocommunication**
- **Subject to a world or regional frequency plan which does not have its own notification procedure**
- **Subject to coordination procedure of Article 9**
 - **Seeking international recognition**
- **Non conforming assignment under No. 8.4 seeking to be recorded into MIFR for information purposes only**



WHEN TO INITIATE THE NOTIFICATION PROCEDURE(1)

SPACE STATIONS

- **Assignments that do not require coordination under Sect II of Article 9**
 - Generally upon the completion of the Advance Publication procedure
- **Assignments that require coordination under Sect II of Article 9**
 - Generally upon the completion of the Coordination procedure



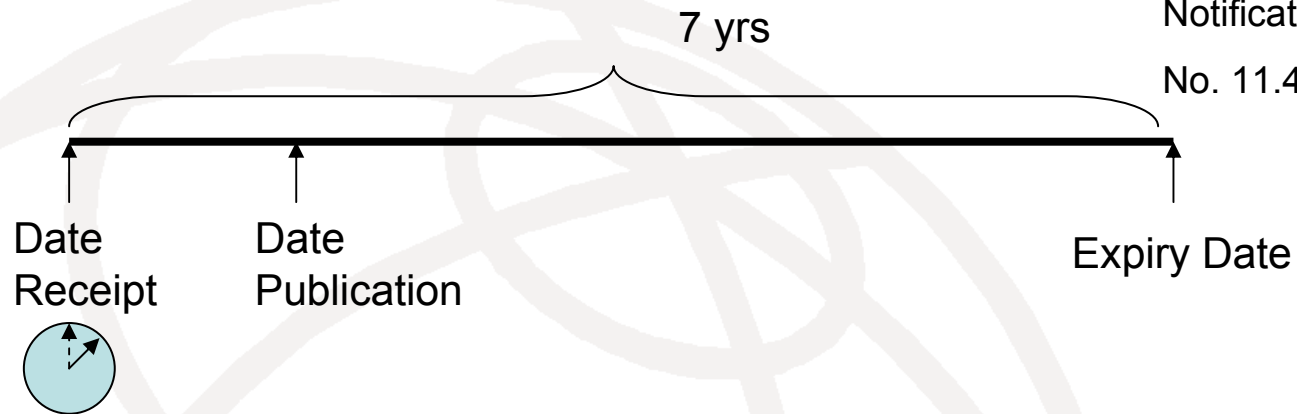
WHEN TO INITIATE THE NOTIFICATION PROCEDURE(2)

No.11.44.1

The first notice for recording the space station frequency assignments must be carried out before the end of 7 years from the date of receipt of (API) information under No. 9.1.

In the case where the API of the satellite network was received prior to 22 November 1997, the corresponding period will be 9 years from the date of publication of the API information.

Submission of API after 22 November 1997

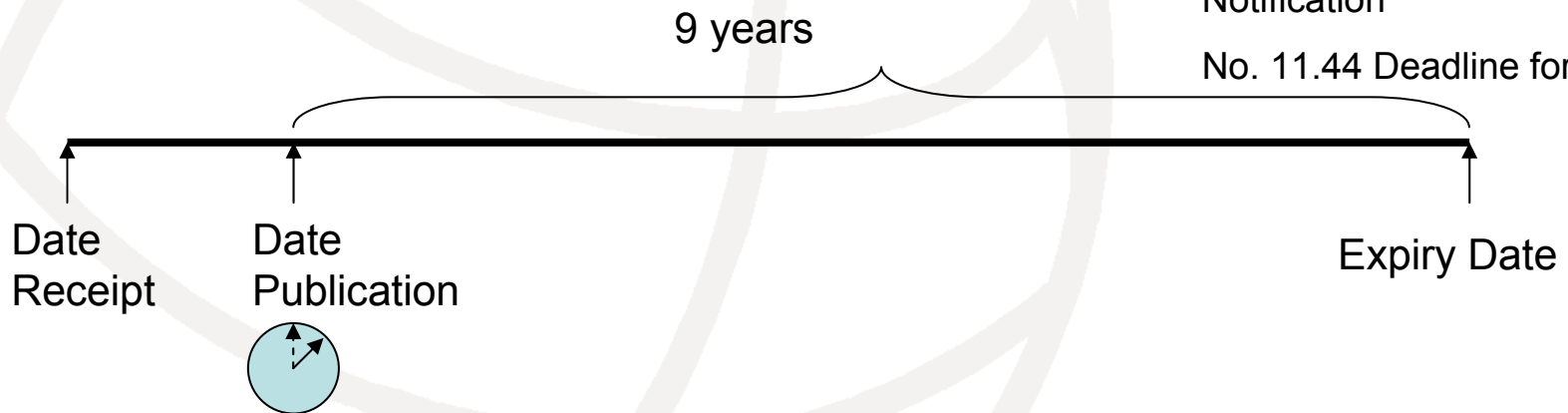


9.1 Date receipt of API starts the regulatory clock

No.11.44.1 Deadline for Notification

No. 11.44 Deadline for BIU

Submission of API before 22 November 1997



9.1 Publication of API starts the regulatory clock

No.11.44.1 Deadline for Notification

No. 11.44 Deadline for BIU



WHEN TO INITIATE THE NOTIFICATION PROCEDURE(3)

When notification information is communicated the same time as the advance publication procedure, the date of having received this information by the BR (No. 9.1) is established as follows:

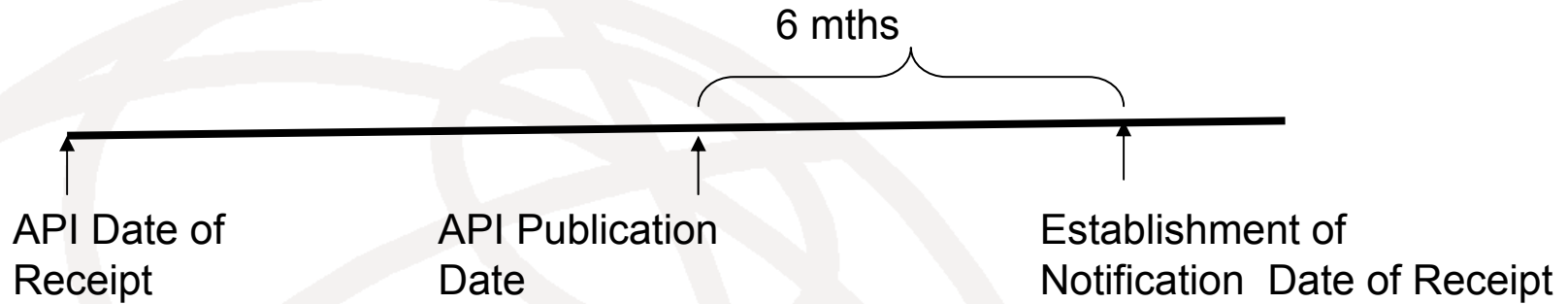
- For Assignments that do not require coordination under Sect II of Article 9

6 months after the date of publication of API

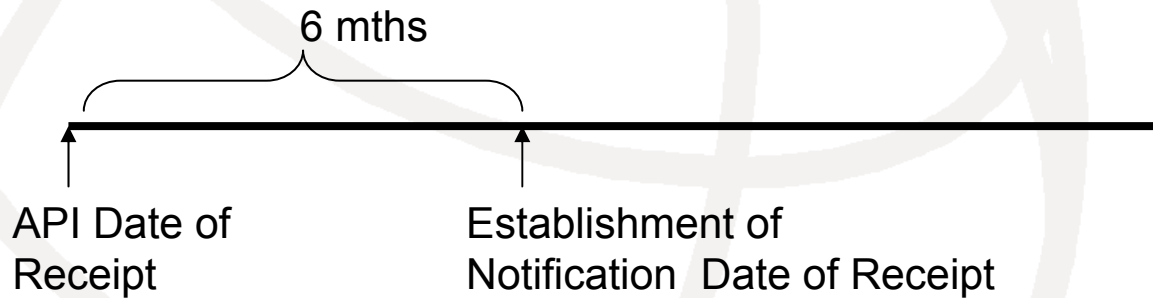
- For Assignments that require coordination under Sect II of Article 9

6 months after the date of receipt of API

Notification submitted same time as API (where coordination is not required)



Notification submitted same time as API (where coordination is required)





WHEN TO INITIATE THE NOTIFICATION PROCEDURE(4)

EARTH STATIONS

- One of the conditions for receiving favourable finding to earth station is that the **corresponding space station must already be recorded** into the MIFR
- Therefore, notification of earth station should be initiated only after the notification of the associated **space station** has started or completed

ARTICLE 11

NOTIFICATION PROCEDURE

•SECTION I – Notification

Description of procedures related to initiating the notification procedure

•SECTION II – Examination and recording of frequency assignments

Description of procedures related to the processing and recording/or returning of the notification information

SECTION I - NOTIFICATION

- Provide the relevant characteristics as specified in Appendix 4 (No. 11.15)
- Res 55 requires all notice forms to be submitted in electronic format after 3 September 2000
- Graphical data can be submitted either in electronic format or paper form
- CR58 - Electronic media submission format
- Tools available from BR IFIC on CD ROM, SNS on CD ROM and ITU Website

NOTIFICATION SOFTWARE TOOLS & AIDS(1)

Notification Software Tools & Aids	Description
Space Capture Software (SpaceCap)	Electronic AP4/II and III forms
Space Filing Validation Software (SpaceVal)	PC-based software for validating electronic notices captured by the SpaceCap software
Graphical Interference Management (GIMS)	PC-based software package which allows the capture, modification and validation of graphical data
Space Publication Software (SpacePub)	PC-based software utility for printing satellite networks / earth stations

NOTIFICATION SOFTWARE TOOLS & AIDS(2)

Notification Software Tools & Aids	Internet path to follow
Space Capture Software (SpaceCap)	<i>www.itu.int</i> → <i>Radiocommunication(ITU-R)</i> → <i>Space Services</i> → <i>Space Support</i> → <i>BR Soft</i> → <i>SpaceCap</i>
Space Filings Validation Software (SpaceVal)	<i>www.itu.int</i> → <i>Radiocommunication(ITU-R)</i> → <i>Space Services</i> → <i>Space Support</i> → <i>BR Soft</i> → <i>SpaceVal</i>
Graphical Interference Management (GIMS)	<i>www.itu.int</i> → <i>Radiocommunication(ITU-R)</i> → <i>Space Services</i> → <i>Space Support</i> → <i>BR Soft</i> → <i>GIMS</i>
Space Publication Software (SpacePub)	<i>www.itu.int</i> → <i>Radiocommunication(ITU-R)</i> → <i>Space Services</i> → <i>Space Support</i> → <i>BR Soft</i> → <i>SpacePub</i>

NOTIFICATIONS "AS RECEIVED"

Notifications "as received" are made available by the BR within 30 days (Res 55)

- **International Frequency Information Circular (IFIC) CD-ROM**

- **This information can also be monitored through the ITU website**

www.itu.int → Radiocommunication (ITU-R) → Space Services → BR IFIC → Res.55 (WRC-00) List of information "as received"

USEFUL REMINDERS DURING NOTIFICATION SUBMISSIONS

- Ensure forms are filled up accurately and correctly – use SpaceCap, GIMS and SpaceVal software for preparation of submissions in electronic format
- Submit forms in electronic format – Access files with .mdb extension, and NOT the Acrobat (.PDF) or Word (.doc) files, should be submitted to the BR
- Ensure most up-to-date coordination information has been provided
- Ensure the relevant Advance Publication and Coordination Special Sections exist for the assignments being notified
- Take note of the regulatory time constraints (Nos. 11.44, 11.44.1, No.11.43A, RES49 and 11.25)

COMPLETENESS CHECK

Upon receiving the notices, the Bureau as specified in No. 11.27, shall check for the **completeness** of the notice.

INCOMPLETE NOTICES & NON-RECEIVABLES

- Mandatory data has not been provided or incorrect
- A notification received by the BR earlier than the prescribed date limit in No. 11.25
- A notice for a particular procedure is receivable **only if the previously applicable procedures have been effected**. If not, the notice will be deemed not receivable.

- Example

A notification relating to a satellite network, or an earth station whose associated space station, is not supported by an advance publication

A notification relating to a satellite network which is not supported by a publication of request for coordination

ESTABLISHMENT OF DATE OF RECEIPT OF NOTIFICATION(1)

- **Formal date of receipt is established when the Bureau confirms that the information submitted is complete and correct**
- **Accordingly, where a notice does not contain all of the mandatory information as defined in the AP4 of the Radio Regulations, further processing of the notice will remain in abeyance and a date of receipt will not be established until the missing information is received.**

ESTABLISHMENT OF DATE OF RECEIPT OF NOTIFICATION(2)

If upon establishment that all mandatory data have been submitted and there are further clarification required, the Bureau shall request the administration to provide the clarification within 30 days.

If the information is received within the 30 days period, the original date of receipt is retained, otherwise, a new date of receipt will be established.

After one year, any pending submission containing incomplete information or clarification shall be returned to the notifying administration.

PUBLICATION OF COMPLETE INFORMATION

- **Complete notices are published in part I-S of the BR IFIC CD-ROM**
- **Complete notices will be used for further examination and may differ from those published “as received”**

EXAMINATION OF NOTICES

- ➔ •Regulatory deadlines – Nos. 11.25, 11.44, 11.44.1, 11.43A, RES 49
- No. 11.31- conformity with the Table of Frequency Allocations and other provisions of the Radio Regulations
- No. 11.32- conformity with the coordination procedures
- Nos. 11.32A & 11.33 – probability of harmful interference

Regulatory Deadline Check (1)

•No. 11.44.1

The first notice for recording of the assignments must be within 7 or 9 years¹

•No. 11.44

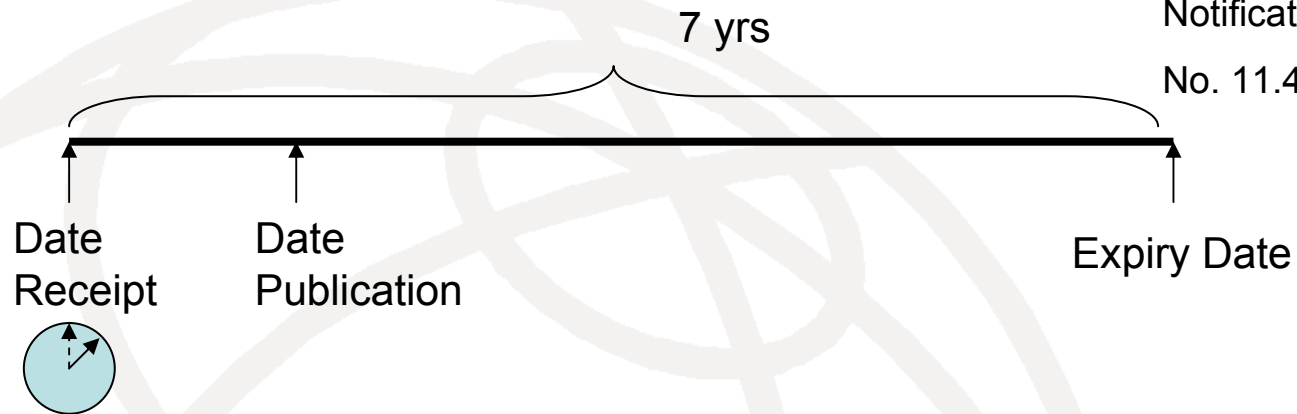
Notified date of bringing into use should be within 7 or 9 years¹

•No. 11.25

Date of bringing into use cannot be more than 3 years from date of notification

Note 1 : Depending on the date of receipt of the API

Submission of API after 22 November 1997

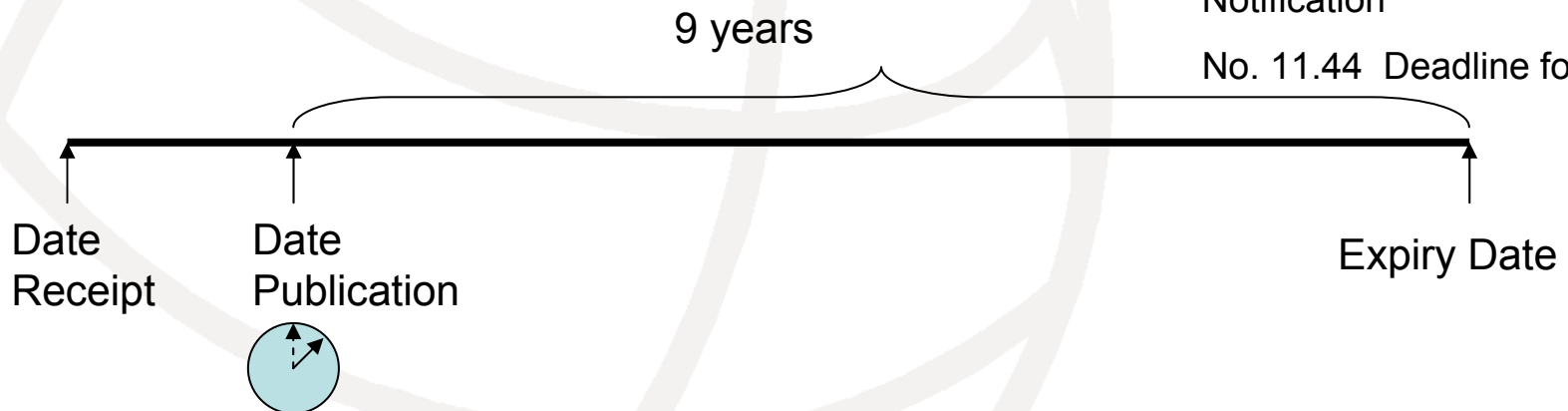


9.1 Date receipt of API starts the regulatory clock

No.11.44.1 Deadline for Notification

No. 11.44 Deadline for BIU

Submission of API before 22 November 1997



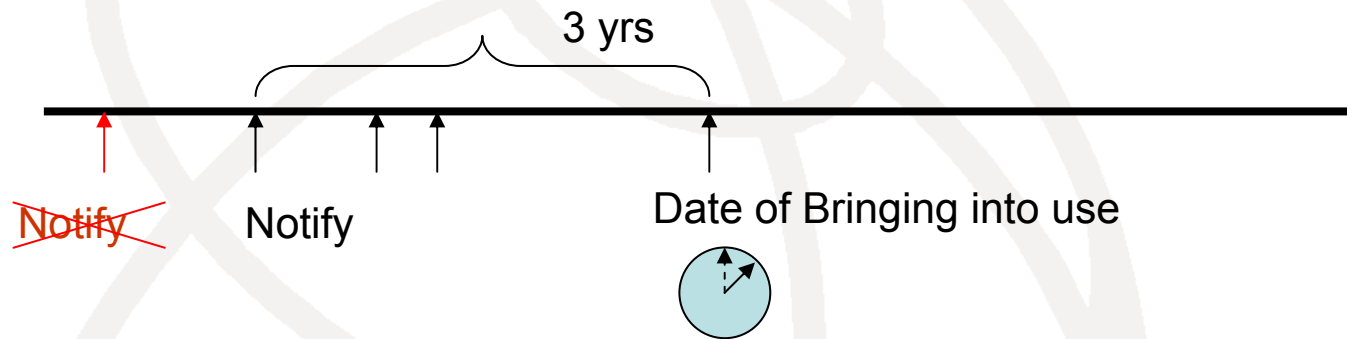
9.1 Publication of API starts the regulatory clock

No.11.44.1 Deadline for Notification

No. 11.44 Deadline for BIU

11.25 Earliest a notification can be submitted

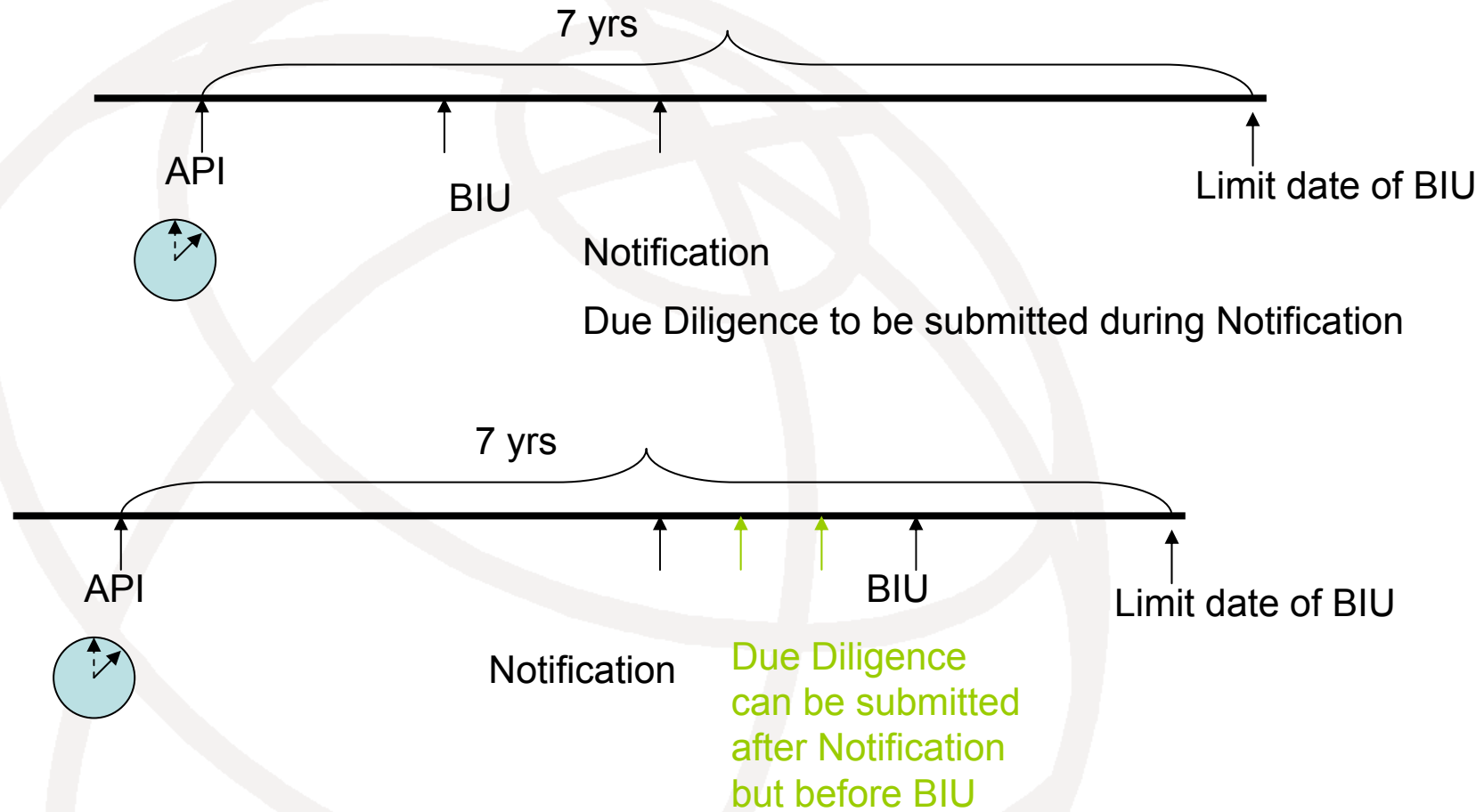
Submission of Notification



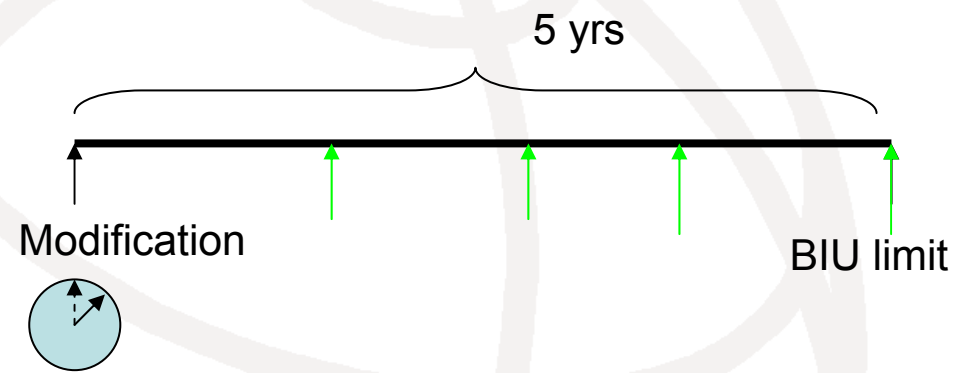
Regulatory Deadline Check (2)

- **RES 49 – Due diligence information must be submitted at the latest on the date of bringing into use of the assignments**
- **No.11.43A – Assignments must be brought into use within 5 years from the date of the notification of the modification**

RES49



No.11.43A



EXAMINATION OF NOTICES

- Regulatory deadlines – Nos. 11.25, 11.44, 11.44.1, 11.43A, RES 49

- •No. 11.31- conformity with the Table of Frequency Allocations and other provisions of the Radio Regulations

- No. 11.32- conformity with the coordination procedures

- Nos. 11.32A & 11.33 – probability of harmful interference

No. 11.31 Examination(1)

- **Article 5 – Table of Frequency Allocations**
 - **Articles 21 & 22**
- **Agreement under No. 9.21**
- **Other relevant provisions**

No. 11.31 Examination(2)

When No. 11.31 finding is favourable, the assignment shall be recorded in the Master Register, or examined further to Nos. 11.32 to 11.33, as appropriate

EXAMINATION OF NOTICES

- Regulatory deadlines – Nos. 11.25, 11.44, 11.44.1, 11.43A, RES 49

- No. 11.31- conformity with the Table of Frequency Allocations and other provisions of the Radio Regulations

- •No. 11.32- conformity with the coordination procedures

- Nos. 11.32A & 11.33 – probability of harmful interference

No. 11.32 Examination(1)

- **Basically, to determine the appropriate coordination procedure has been completed**
- **Findings will be based on information available on the A5/A6 boxes**

No. 11.32 Examination(2)

Should the result of coordination during notification differs from coordination requirement, administration are requested to make specific reference to the relevant regulatory provisions (CR124) or provide explanation on cover letters



No. 11.32 Examination(3)

Space Stations

- **Check if notified and coordination characteristics are similar**
- **If changes are within the envelope of those published in Special Section(s), the result of calculations already made for these Special Section(s) is used.**



No. 11.32 Examination(4)

- **If the notified characteristics are not within the envelope of coordination characteristics, relevant interference calculations are carried out on the basis of AP5**
- **If additional administrations are identified, and these additional administrations are not found in the agreements indicated in the A5/A6 boxes, an unfavourable finding shall be given**



No. 11.32 Examination(5)

Earth Stations

- **Establishment that the corresponding assignments of associated space station has been recorded into the MIFR**
- **Establishment that the earth station has completed coordination**
- **Establishment that the earth station is located in the service area of the associated space station**

EXAMINATION OF NOTICES

- Regulatory deadlines – Nos. 11.25, 11.44, 11.44.1, 11.43A, RES 49

- No. 11.31- conformity with the Table of Frequency Allocations and other provisions of the Radio Regulations

- No. 11.32- conformity with the coordination procedures

- •Nos. 11.32A & 11.33 – probability of harmful interference

NOS. 11.32A & 11.33 EXAMINATION

The examination of the probability of harmful interference under Nos. 11.32A & 11.33 is carried out when the notifying administration states that the coordination procedure could not be successfully completed for the assignments being notified

RESUBMISSIONS(2)

Unfavourable finding under No. 11.32

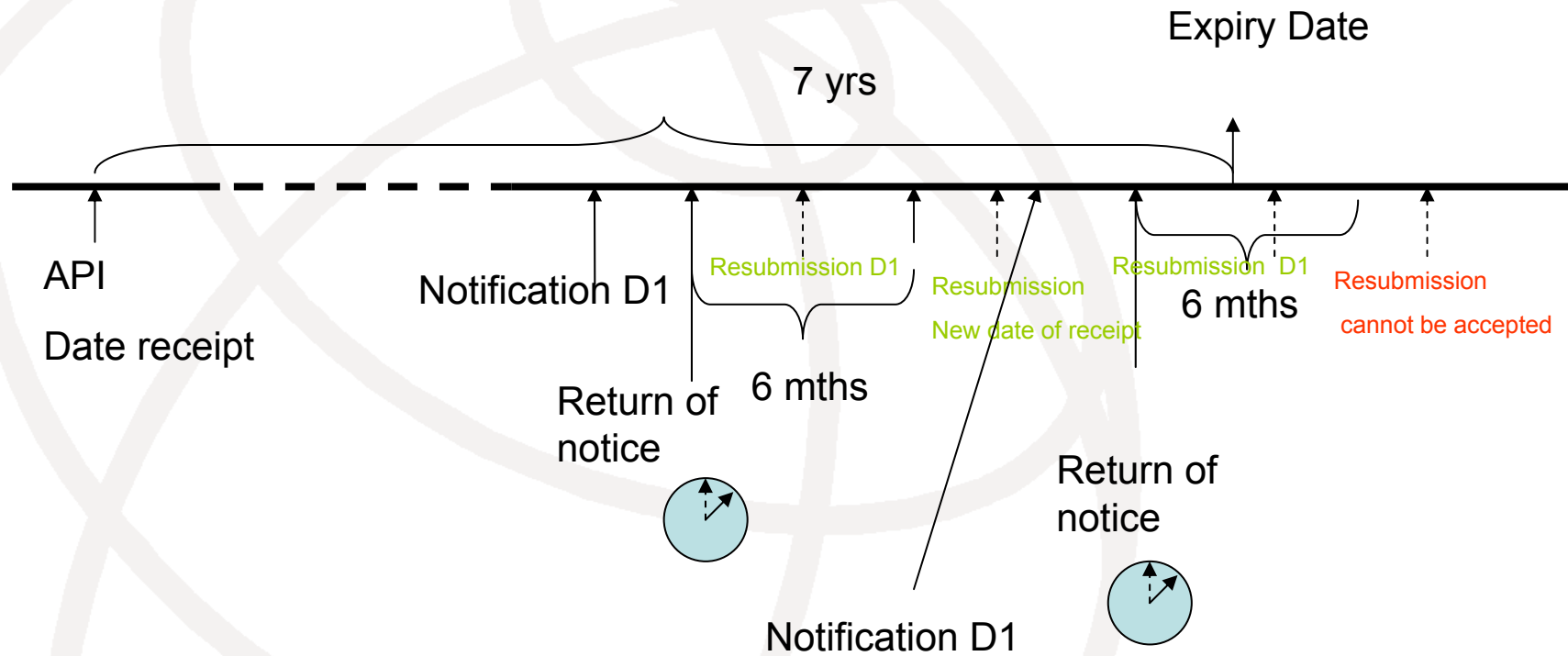
- **No. 11.46 is applicable**
- **The resubmission will retain the original date of submission, unless the resubmission is received more than 6 months after the date of which the original submission was returned**
- **In other words, important to resubmit within 6 months to retain the original date of submission**

RESUBMISSIONS(1)

Unfavourable finding under No. 11.31

- No. 11.46 is not applicable
- Will have a new date of receipt upon resubmission

No. 11.46 Resubmission



RESUBMISSIONS(3)

Unfavourable finding under Nos. 11.32A & 11.33

- Possible to be resubmitted under No. 11.41
- Assignment shall be recorded on a provisional basis in the MIFR
- Can be changed from provisional to definitive if the Bureau is informed that the new assignment has been in use, together with the assignment which was the basis for the unfavourable finding, for at least four months without any complaint of harmful interference

ASSIGNMENT LEVELS(1)

- **Finding is established at assignment levels**
- **Different frequency assignments may be notified at different times**

ASSIGNMENT LEVELS(2)

Split findings (Group I.D. No. 99999991)

Example 1 (Class of Station : TC)

13730 MHz → Unfavourable
(99999992)
13770 MHz }
13810 MHz } Favourable (99999991)

Example 2 (Class of Station : TC & TM)

TC 5945 MHz	} Favourable	TM 5945 MHz	} Unfavourable
5985 MHz		5985 MHz	
6025 MHz		6025 MHz	

PUBLICATION OF FINDINGS

Favourable Findings

- Published in Part II-S of the BR-IFIC CD-ROM

Unfavourable findings

- Published in Part III-S of the BR-IFIC CD-ROM

- BRIFIC publications also available on the ITU website

www.itu.int → Radiocommunication(ITU-R) → Space Services → BR IFIC → BR IFIC data

Definition in the BR IFIC

•Part II-S - Findings adopted concerning new frequency assignments or modifications to existing frequency assignments resulting in the recording of the frequency assignment in the Master Register;

•Part III-S - Unfavourable Findings adopted concerning new frequency assignments or modifications to existing frequency assignments resulting in the return of the notice to the notifying administration.

Snapshot of BR IFIC



BR IFIC 2580 / 17.10.2006
Space Services

BRIFIC

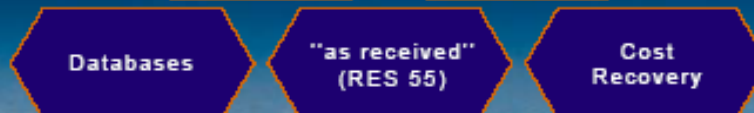
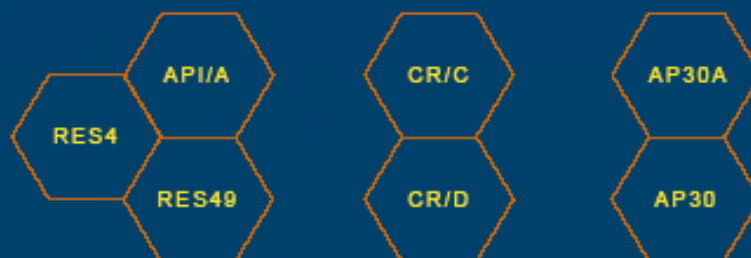
International
Frequency
Information
Circular
(Space Services)

Contents of the BR IFIC

Browse the Contents by Parts



Browse the Contents by Special Sections



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- CR Circular Letters
- BR Soft
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PART II-S DETAILS

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C4b Nature of service CP C6a Polarization type D C6b Polarization angle C11a3 Service area diagram

C11a1 Service area no. 1 C11a2 Service area

A5/A6 Coordinations/Agreements V/11.32A O AUS G ROL J RUS

C2a1 Assigned frequency											
5955		6015		6075		6135		6195			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
AR11/A /814		1 36M0F3F--		26.8		-39.2		21.8		-44.2	
AR11/C /2322		2 4M29G1F--		16		-48.6		11		-53.6	
		3 1M76G7B--		16		-44.7		11		-49.7	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TYPICAL C2	T			1 TC CP	48.4	0.7				

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL C2	REC-580						

Findings 2D Date of protection 30.03.2001 3A Conformity with RR A- N- N- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks E/210807

A BR7a/BR7b Group id. 107642889 BR1 Date of receipt 21.08.2007 C2c RR No. 4.4

A2a Date of bringing into use 30.09.1997 A2b Period of valid. 20 A3a Op. agency 120 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC C3a Assigned freq. band 72000 C5a Noise temperature 523

C4b Nature of service CP C6a Polarization type D C6b Polarization angle

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram

A5/A6 Coordinations/Agreements V/11.32A O AUS G ROL J RUS

PARTIE II-S / PART II-S / PARTE II-S / 第II-S部分 / ЧАСТЬ II-S / II-S-جزء

R A1a Sat. Network USASAT-14K A1f1 Notifying adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 21.08.2007 BR20/BR21 BR IFIC no./part 2628/2

BR6a/BR6b Id. no. 107500375 103500458 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. C10

C2a1 Assigned frequency											
6265											
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr		C8c2 Attach.	
AR11/A /814		1 55K0G1D--		9		-36.6		4		-41.6	
AR11/C /2322											

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TYPICAL C1	T			1 TC CP	43.9	1.2				

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL C1	REC-580						

Findings 2D Date of protection 30.03.2001 3A Conformity with RR A- N- N- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks R/210807

PART III-S DETAILS

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PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / Ⅲ-Sجزء

A A1a Sat. Network USASAT-35G A1f1 Notifying adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 23.11.2005 BR20/BR21 BR IFIC no./part 2628/3
 BR6a/BR6b Id. no. 105512116 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. TIME R

BR7a/BR7b Group id. 105641874 BR1 Date of receipt 23.11.2005 C2c RR No. 4.4
 A2a Date of bringing into use 17.12.2005 A2b Period of valid. 20 A3a Op. agency 18 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station BC C3a Assigned freq. band 36000 C5a Noise temperature 650
 C4b Nature of service CR C6a Polarization type H C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area ALS CAN HWA MEX PTR USA VIR C11a3 Service area diagram

A5/A6 Coordinations/Agreements 9.7 0 CAN HOL MEX
X/11.32A X J

C2a1 Assigned frequency

14.04	GHZ	14.12	GHZ	14.2	GHZ	14.28	GHZ	14.36	GHZ	14.44	GHZ						
14.08	GHZ	14.16	GHZ	14.24	GHZ	14.32	GHZ	14.4	GHZ	14.48	GHZ						

A13 Ref. to Special Sections	C7a		C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2
	Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.	
AR11/A /1864	1	36M0F3F--	28	-35	26.4		-36.6	12		
CR/C /380	2	35M0G1D--	28	-47.4	26.4		-49	12.8		
	3	34M0G7W--	28	-47.3	26.4		-48.9	10.3		
	4	29M0G7W--	28	-46.6	18.2		-56.4	9.5		
	5	5M80G1D--	18.8	-48.8	10.1		-57.5	8		
	6	1M03G1D--	12.8	-47.3	2.4		-57.7	8		
	7	41K0G1D--	-1.7	-47.8	-11.7		-57.8	8		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TYPICAL E	T			1 TC CR	46.1	0.84				

C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL E	RSC-580						

Findings 2D Date of protection 13A Conformity with RR A- N- N- 13B1 Provision 13B2 Remarks 13B3 Date of Review A/17.11.2005
 13C Remarks

BR7a/BR7b Group id. 105641876 BR1 Date of receipt 23.11.2005 C2c RR No. 4.4
 A2a Date of bringing into use 17.12.2005 A2b Period of valid. 20 A3a Op. agency 18 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

Preface to BR IFIC

- Refer to Tables in PREFACE to understand findings

<http://www.itu.int/ITU-R/space/preface/index.html>

- Table 11 (A, B, C related to Col.A5/A6)
- Table 13 (A1,A2, A3, B1, B2, B3, C)
Related to Cols: 13A, 13B, 13C

Preface to BR IFIC

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Address http://web/ITU-R/space/preface/pdf/preface_e.pdf Go Links

Google Search Bookmarks Check AutoLink AutoFill Send to Settings

Save a Copy Print Copy Paste Search Select 109% Sign

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/11.32A	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. The assignments which are basis of the unfavourable findings are indicated in the Remark column.
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.

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

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

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Administrative Due Diligence (Resolution 49)

- **Resolution 49: to address the problem of reservation of orbit and spectrum capacity without actual use (Res. 18 of Kyoto Plenipotentiary)**
- **Applies from 22.11.1997 to any satellite network in the FSS, MSS, BSS that is subject to coordination under 9.7, 9.11, 9.12, 9.12A and 9.13 and Resolution 33 (Rev.WRC-03)**

Administrative Due Diligence (Resolution 49)

- **Applies to submissions under Article 4 of Appendices 30 and 30A**
- **Applies to submissions under Article 6 of Appendix 30B (Rev. WRC-07) received on or after 17 November 2007 (with the exception of new Member States seeking the acquisition of their respective national allotments for inclusion in the AP30B Plan)**

Administrative Due Diligence (Resolution 49)

- **Six months before expiry of the notified period of bringing into use (7 years for non planned services and 8 years for planned services), the BR sends a reminder. The complete due diligence shall be published by the Bureau in the BR IFIC**
- **If the complete due diligence information is not received within the specified time limit, the network shall cancelled from the Master Register or Appendices 30/30A/30B Lists (paragraph 6 of Res 49)**

Administrative Due Diligence

Information required:

Annex 2 to Resolution 49

A. Identity of the satellite network

B. Spacecraft manufacturer

C. Launch services provider

Administrative Due Diligence

Information required:

A. Identity of the satellite network

- a) Identity of the satellite network*
- b) Name of the administration*
- c) Country symbol*
- d) Reference to the API special section, to the modification of AP30/30B, to the information of Article 6 of AP30B(Rev.WRC-07)*

Administrative Due Diligence

Information required:

- e) reference to the CR/C special section (not applicable for AP30/30A/30B)*
- f) Frequency band(s)*
- g) Name of the operator*
- h) Name of the satellite*
- i) Orbital characteristics*

Administrative Due Diligence

Information required:

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**

Administrative Due Diligence

Information required:

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**



QUESTIONS ?