



## Non Planned Satellite Services (Coordination and Notification)

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# Elements of Coordination Approach

- Publish a planned use of satellite network
- Fulfil requirements mentioned in the RR
- Negotiate with concerned administrations and get agreements
- Record the coordinated assignments in the MIFR (Master International Frequency Register) to be taken into account by other administrations

## Non-Planned Procedures

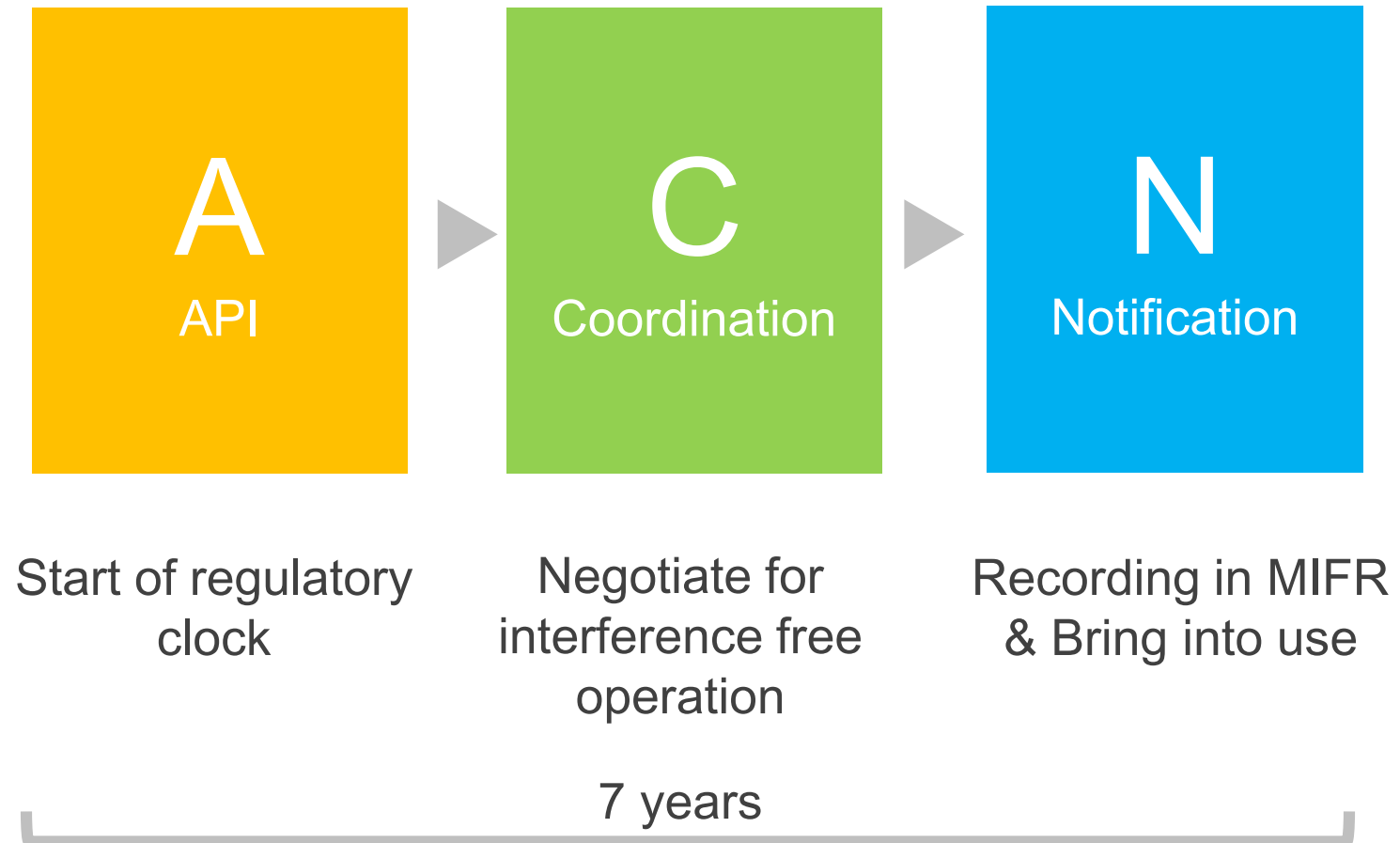


# Article 9 & Article 11

# Elements of Coordination Approach

Elements	Relevant Provisions
Procedures	Articles 9 & 11
Submission format	Appendix 4
Technical & operational limits	Article 5, Articles 21&22 etc.
Criteria and methods to identify coordination requirements	Appendix 5 (Appendices 7 and 8)

## Non Planned Space Services (Articles 9 & 11)



## Non Planned Space Services (Articles 9 & 11)



A  
API

- **Section 1 of Article 9**
- **Purpose: General description of any planned satellite network (GSO or Non-GSO) to inform all administrations**
- **Start of regulatory time limit to be recorded in the MIFR and brought into use**
- **No priority, No examination**

# Section 1 of Article 9

- **1A: Advance publication of information on satellite systems that are NOT subject to coordination procedure under Section II of Article 9**

API/A/XXX publication

- **1B: Advance publication of information on satellite systems that are SUBJECT to the coordination procedure under Section II of Article 9**

API/B/XXX publication replaced by SpaceWISC



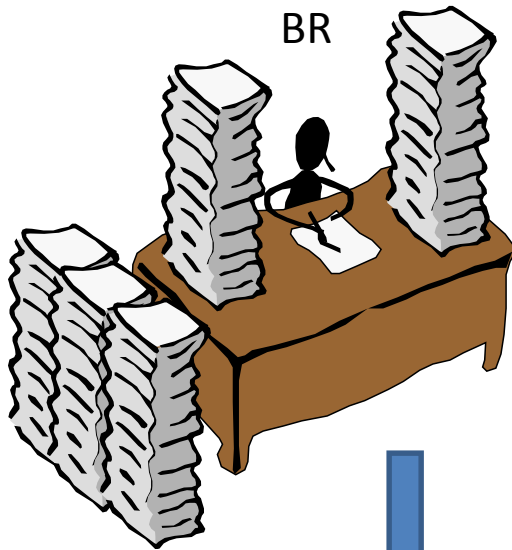
## Non Planned Space Services (Articles 9 & 11)



- Section II of Article 9
- 6 to 24 months of API date of receipt else cancel (Nos. 9.1 & 9.5D)
- Determines priority – Coordinate with existing networks with
- earlier date of receipt or “date of protection” (No. 8.3)
- Mutual effort to overcome difficulties (No. 9.53)
- Purpose: To effect coordination with administrations (No. 9.53)

# Coordination of Satellite Networks

- **Contains (almost) all cases of coordination for non-planned satellite networks (GSO and Non-GSO), earth and terrestrial stations**
- Not contained in Article 9
  - (1) Non-Planned services w.r.t. Planned services  
(see Art 7 of AP30 and AP30A)
  - (2) BSS sound in the 2.6 GHz w.r.t. Terrestrial Services  
( See Res 539)



Request for  
Coordination  
AP4 submission



Set priority subject  
to Res.2 and  
No.9.53



Technical & regulatory Exam  
+  
Coordination requirements



Findings

Affected adm

# **No. 9.35 Examination**

**Examination w.r.t. in conformity with Allocation Table and Other provisions Listed in RoP under No.11.31**

**Favourable and Unfavourable groups of frequency assignments are split**

**Findings: Favorbale A- Unvaorable N-**

**Groups with findings N- are not examined further**

# No. 9.36 Examination

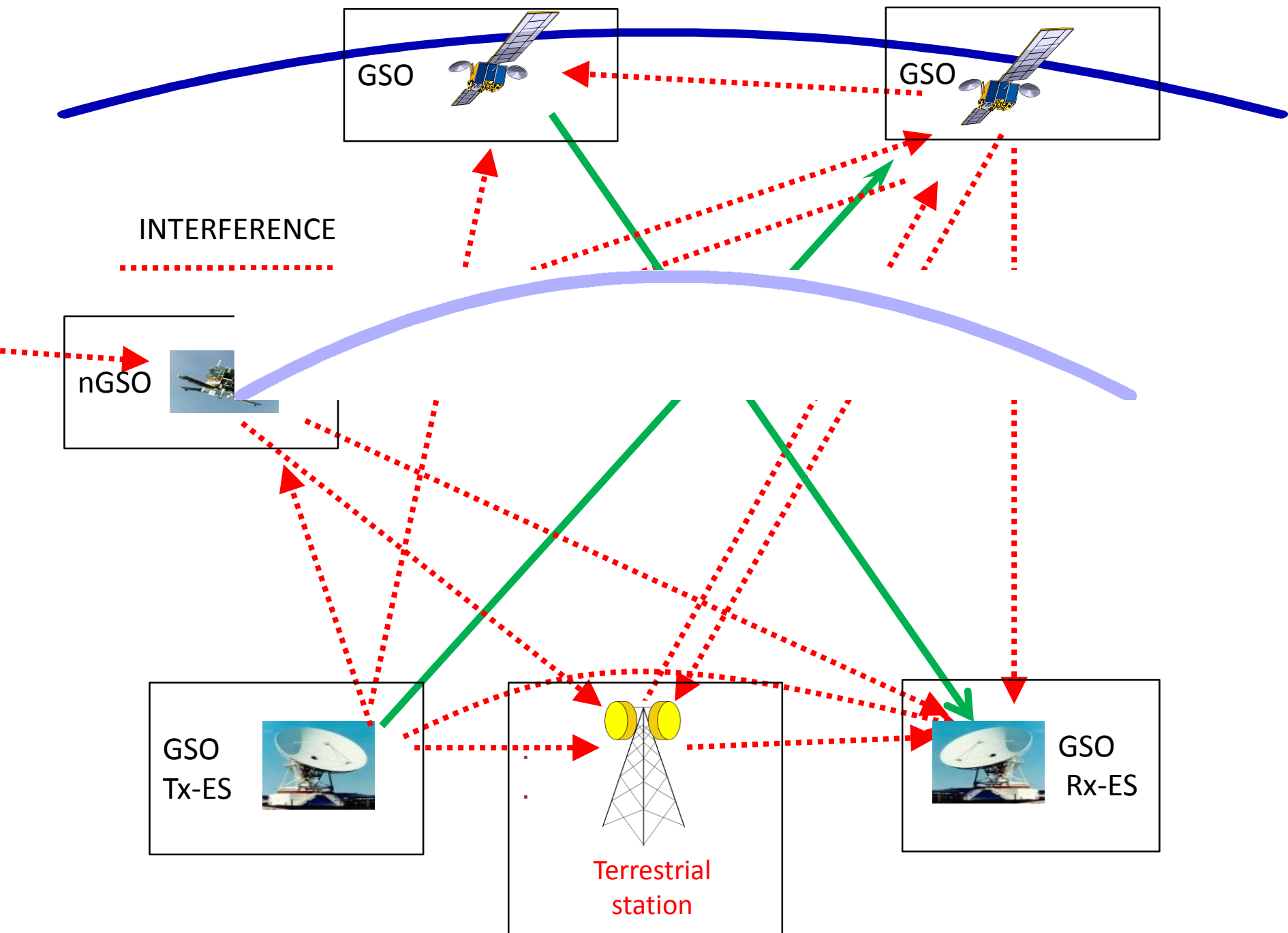
## Coordination Requirement for groups with “A –”

- ❖ Establish forms of coordination

*9.7, 9.7A, 9.7B, 9.11, RS33, 9.11A, 9.12, 9.12A, 9.13, 9.14,  
9.21/A, 9.21/B, 9.21/C, Ap30/Art.7, Ap30A/Art.7, RS539*

- ❖ Identify administrations with which coordination may need to be effected for various forms of coordination

- ❖ Identify list of satellite networks



# Forms of Coordination

No.9.6:Before BiU or Notify in cases below shall effect coordination (No.9.27/AP 5 -Table 5-1)

Cases	Provision
GSO to GSO	9.7, Art7 AP30/30A
Certain ES of GSO to NGSO	9.7A
NGSO to Certain ES of GSO	9.7B
BSS (GSO/NGSO) to Terrestrial Services	9.11, Res.539
NGSO to NGSO	9.11A/9.12
NGSO to GSO	9.11A/9.12A
GSO to NGSO	9.11A/9.13
NGSO/GSO to Terrestrial Services	9.11A/9.14
the requirement to seek the <u>agreement</u> of other administrations is included in a footnote to the Table of Allocation	9.21

# Footnote refers Nos 9.11A or 9.21

No.9.11A (Coordination examined under No.11.32)

e.g. 5.208 The use of the band 137-138 MHz by the **mobile-satellite service** is subject to coordination under No. 9.11A.

**See also** RoP Table 9.11A-1; other space services to which 9.11A applies

No.9.21 (Agreement examined under No.11.31)

e.g. 5.286 The band 449.75-450.25 MHz may be used for the space operation service (Earth-to-space) and the space research service (Earth-to-space), subject to **agreement** obtained under No. 9.21



# Criteria and methods for identification

Ap 5 Table 5-1: Forms of coordination, Frequency bands, thresholds/conditions: and

Ap 5 Table 5-2: Methods to determine need Coordination between MSS and TS (1-3GHz)

TABLE 5-1 (WRC-12)  
Technical conditions for coordination  
(see Article 9)

Reference of Article 9	Case			Calculation method	
No. 9.7 GSO/GSO	A station in a satellite network using the geostationary-satellite orbit (GSO), in any space radiocommunication service, in a frequency band and in a Region where this service is not subject to a Plan, in respect of any other satellite network using that orbit, in any space radiocommunication service in a frequency band and in a Region where this service is not subject to a Plan, with the exception of the coordination between earth stations operating in the opposite direction of transmission	<p>1) 3 400-4 200 MHz 5 725-5 850 MHz (Region 1) and 5 850-6 725 MHz 7 025-7 075 MHz</p> <p>2) 10.95-11.2 GHz 11.45-11.7 GHz 11.7-12.2 GHz (Region 2) 12.2-12.5 GHz (Region 3) 12.5-12.75 GHz (Regions 1 and 3) 12.7-12.75 GHz (Region 2) and 13.75-14.5 GHz</p>	<p>i) Bandwidth overlap, and ii) any network in the fixed-satellite service (FSS) and any associated space operation functions (see No. 1.23) with a space station within an orbital arc of <math>\pm 8^\circ</math> of the nominal orbital position of a proposed network in the FSS</p> <p>i) Bandwidth overlap, and ii) any network in the FSS or broadcasting-satellite service (BSS), not subject to a Plan, and any associated space operation functions (see No. 1.23) with a space station within an orbital arc of <math>\pm 7^\circ</math> of the nominal orbital position of a proposed network in the FSS or BSS, not subject to a Plan</p>		With respect to the space services listed in the threshold/condition column in the bands in 1), 2), 3), 4), 5), 6), 7) and 8), an administration may request, pursuant to No. 9.41, to be included in requests for coordination, indicating the networks for which the value of $\Delta f/T$ calculated by the method in § 2.2.1.2 and 3.2 of Appendix 8 exceeds 6%. When the Bureau, on request by an affected administration, studies this information pursuant to No. 9.42, the calculation method given in § 2.2.1.2 and 3.2 of Appendix 8 shall be used

# Publication : CR/C, CR/F Special Sections



The BR publishes the information (network data) in a Special Section of BR IFIC on DVD-ROM



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS  
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION  
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES  
OFICINA DE RADIOCOMUNICACIONES

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<b>RÉSEAU À SATELLITE</b> <b>SATELLITE NETWORK</b> <b>RED DE SATELITE</b>		<b>SAT-SA2</b>		<b>SECTION SPÉCIALE N°</b> <b>SPECIAL SECTION No.</b> <b>SECCIÓN ESPECIAL N.º</b>	<b>CR/C/362</b>
<b>STATION TERRIENNE</b> <b>EARTH STATION</b> <b>ESTACIÓN TERRENA</b>		<b>---</b>		<b>BR IFIC / DATE</b> <b>BR IFIC / DATE</b> <b>BR IFIC / FECHA</b>	<b>2782 / 11.11.2014</b>
<b>ADM. RESPONSABLE</b> <b>RESPONSIBLE ADM.</b> <b>ADM. RESPONSABLE</b>	<b>LA</b>	<b>LONGITUDE NOMINALE</b> <b>NOMINAL LONGITUDE</b> <b>LONGITUD NOMINAL</b>	<b>13.4 E</b>	<b>NUMÉRO D'IDENTIFICATION</b> <b>IDENTIFICATION NUMBER</b> <b>NÚMERO DE IDENTIFICACIÓN</b>	<b>14520123</b>
<b>RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL</b>					<b>07.07.2014</b>

<p>Cette demande de coordination, reçue par le Bureau des radiocommunications en vertu du numéro 9.30 du Règlement des radiocommunications, a été examinée au titre des numéros 9.35 et 9.36 et est publiée conformément au numéro 9.38. Elle est soumise au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.</p>	<p>This request for coordination, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box</p>	<p>Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el punto N° 9.30 del Reglamento de Radiocomunicaciones, se ha examinado de conformidad con los N°s 9.35 y 9.36 y se publica de conformidad con el N° 9.38. Está sujeta al formulario de coordinación indicado en la columna de la izquierda con una X en la casilla correspondiente.</p>
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<b>Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el cuadro I</b>			
<input checked="" type="checkbox"/> 9.7 <input type="checkbox"/> 9.7A <input type="checkbox"/> 9.7B <input checked="" type="checkbox"/> AP30#7.1 <input checked="" type="checkbox"/> AP30A#7.1 <input type="checkbox"/> RS539 <input type="checkbox"/> RS33#3	<p>Conformément aux numéros 9.50 à 9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de communiquer leur décision à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous.</p>	<p>In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.</p>	<p>De conformidad con los N°s 9.50-9.52 del Reglamento de Radiocomunicaciones, se solicita a las administraciones señaladas en el cuadro I a continuación que comuniquen su decisión a la administración responsable y a la Oficina antes del plazo indicado más abajo.</p>

<b>Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Formulario de coordinación remitido al cuadro II</b>			
<input checked="" type="checkbox"/> 9.11 <input checked="" type="checkbox"/> 9.11A <input type="checkbox"/> 9.12 <input type="checkbox"/> 9.12A <input checked="" type="checkbox"/> 9.13 <input checked="" type="checkbox"/> 9.14 <input type="checkbox"/> 9.21/A <input type="checkbox"/> 9.21/B <input type="checkbox"/> 9.21/C <input type="checkbox"/> RS33#2.1	<p>Les Administrations, énumérées ou non-énumérées dans le Tableau II ci-après, qui n'acceptent pas la demande de coordination au titre des numéros 9.11 à 9.14, 9.21 et RS33#2.1, 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 défavorablement influencée et, dans les cas couverts par les numéros 9.11 à 9.14 et RS33#2.1, les dispositions des numéros 9.48 et 9.49 s'appliqueront.</p>	<p>Administrations listed or not listed in Table II below, which do not agree to the request for coordination under Nos. 9.11 to 9.14, 9.21 and RS33#2.1 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 and RS33#2.1, the provisions of Nos. 9.48 and 9.49 shall apply.</p>	<p>Se invita a las administraciones, enumeradas o no en el cuadro II, que no estén de acuerdo con la solicitud de coordinación de conformidad con los N°s 9.11 a 9.14, 9.21 y RS33#2.1 que comuniquen sus observaciones a la administración responsable y a la Oficina dentro del plazo indicado más abajo. Se considerará que toda administración que no responda de conformidad con el N° 9.52 dentro del plazo señalado, no está afectada y, en el caso de los N°s 9.11 a 9.14 y RS33#2.1, se aplicarán las disposiciones de los N°s 9.48 y 9.49</p>

<b>DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN</b>	<b>11.03.2015</b>
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		Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I		
Disposition / Provision / Disposición / 条款 / Положение / الحكم		Résumé des conditions régissant la coordination	Summary of coordination requirements	Resumen de los requisitos de coordinación
		协调要求概述	Сводные потребности в координации	موجز بمتطلبات التنسيق
X	9.7	ARM, ARS/ARB, ARS, AUS, AZE, B, BEL, BGD, BLR, BUL, CAN, CHN, CLM, CTI/RAS, CYP, D/EUM, D, E, EGY, F/EUT, F, G, GRC, HOL, I, IND, INS, IRN, IRQ, ISR, J, KOR, LAO, LUX, MEX, MNG, NOR, NRU, PAK, PNG, QAT, RUS/IK, RUS, S, TUR, UAE, UKR, USA		
	9.7A			
	9.7B			
X	AP30#7.1	ARS/ARB, ARS, BDI, F/EUT, F, I, ISR, JOR, KWT, LBN, LUX, OMA, QAT, RRW, RUS/IK, SYR, TZA, YEM		
X	AP30A#7.1	F/EUT, F, KIR		
	RS539			
	RS33#3			

		Tableau II / Table II / Cuadro II / 表二 / Таблица II / الجدول II		
Disposition / Provision / Disposición / 条款 / Положение / الحكم		Administrations susceptibles d'être défavorablement influencées (à titre d'information uniquement, voir numéro 9.36.1)	Potentially affected administrations (for information only, see No. 9.36.1)	Administraciones posiblemente afectadas (sólo para información, véase el N° 9.36.1)
		可能受影响的主管部门(仅供参考, 见第 9.36.1款)	Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1)	إدارات يحتمل أن تتأثر تأثيراً غير موات (انظر الرقم 9.36.1، على سبيل الإطلاع فقط)
X	9.11	ARG, B, BHR, CAN, CZE, D, E/CNR, E, EGY, F/MYT, F/REU, F, FIN, G, GNB, GRC, HRV, I, IRN, ISR, MLT, NOR, OMA, QAT, RRW, RUS, SEN, SUI, SVK, SVN, SYR, UAE, UKR, USA/PTR, YEM		
X	9.11A			
	9.12			
	9.12A			
X	9.13	AUS, CAN, CHN, D, E, F/GLS, F, G, IND, LUX, NOR, PNG, RUS, USA		
X	9.14	AFG, AFS/MRN, AFS, AGL, ALB, ALG, AND, ARG*, ARM, ARS*, ATG, AUS/HMD, AUT*, AZE, B*, BDI, BEL*, BEN, BFA, BGD, BHR*, BIH*, BLR*, BOL, BOT, BRB*, BRM, BTN, BUL, CAF, CAN*, CHL, CHN*, CLM, CLN*, CME, COD, COG, COM, CPV, CTI, CVA, CYP, CZE*, D*, DJI*, DMA, DNK/FRO, DNK/GRL, DNK*, E/CNR*, E*, EGY*, ERI*, EST, ETH, F/AMS, F/BLM, F/CRO, F/GLP*, F/GUF, F/KER, F/MAF, F/MRT, F/MYT, F/REU*, F/SPM, F*, FIN*, G/AIA, G/ASC, G/BER, G/DGA, G/FLK, G/GCA, G/GIB*, G/MSR*, G/SHN, G/TRC, G/VRG, G*, GAB, GEO, GHA, GMB, GNB*, GNE, GRC*, GRD, GUI, GUY, HNG, HOL/BES, HOL/SXM, HOL*, HRV*, I*, IND*, IRL*, IRN*, IRQ, ISL, ISR*, JOR*, KAZ, KEN, KGZ*, KNA, KWT*, LBN, LBR, LBY, LCA, LIE, LSO, LTU, LUX, LVA*, MAU/ROD, MAU, MCO, MDA*, MDG, MKD*, MLD, MLI, MLT*, MNE*, MNG, MOZ, MRC*, MTN, MWI, NGR, NIG*, NMB, NOR/BVT, NOR*, NPL, OMA*, PAK*, POL, POR/AZR, POR/MDR, POR*, PRG*, QAT*, ROU, RRW, RUS*, S*, SDN, SEN*, SEY, SMR, SOM, SRB*, SRL, SSD, STP, SUI/AUT, SUI/I*, SUI*, SUR, SVK*, SVN*, SWZ, SYR*, TCD, TGO, TJK, TKM*, TRD, TUN, TUR*, TZA, UAE*, UGA, UKR*, URG*, USA/D*, USA/PTR*, USA/VIR*, UZB, VCT, VEN, XZZ/AOE*, XZZ/XBY, XZZ/XGZ, XZZ/XWB, YEM*, ZMB, ZWE,		
	9.21/A <sup>1</sup>			
	9.21/B <sup>1</sup>			
	9.21/C <sup>1</sup>			
	RS33#2.1			



OBSERVATIONS DU BUREAU DES RADIOCOMMUNICATIONS	RADIOCOMMUNICATION COMMENTS	OBSERVACIONES DE LA OFICINA DE RADIOCOMUNICACIONES
<p><u>Relatives à la Conclusion conformément au N° 11.31</u></p> <p><u>Assignment de fréquence 1 618,25 MHz pour les stations terriennes d'émission TYPICAL-S1, TYPICAL-S2, TYPICAL-S3 et TYPICAL-S4 avec une densité maximale de puissance <math>\geq -45.4</math>, <math>\geq -50.4</math>, <math>\geq -52.4</math> et <math>\geq -55.4</math> dBW/Hz, respectivement</u></p> <p><b>DEFAVORABLE</b> Les limites de densité de p.i.r.e. maximale indiquées dans le numéro 5.364 sont dépassées.</p> <p><u>Faisceau orientable KA6R, assignments de fréquence 17 701, 17 703, 17 705, 17 825, 18 075 MHz et dans les bandes 18 200 – 18 800 et 18 800 – 19 700 MHz avec une densité maximale de puissance <math>\geq -58.8</math> dBW/Hz et une valeur maximale de la puissance en crête <math>\geq 1.2</math> dBW</u></p> <p><b>FAVORABLE</b> <u>Note: La conclusion est fondée sur la Règle de Procédure du Comité du Règlement des Radiocommunications et son annexe concernant le numéro 21.16.</u></p>	<p><u>Relating to the Findings with respect to No. 11.31</u></p> <p><u>Frequency assignment 1 618.25 MHz to transmitting earth stations TYPICAL-S1, TYPICAL-S2, TYPICAL-S3 and TYPICAL-S4 with maximum power density <math>\geq -45.4</math>, <math>\geq -50.4</math>, <math>\geq -52.4</math> and <math>\geq -55.4</math> dBW/Hz, respectively</u></p> <p><b>UNFAVOURABLE</b> Peak e.i.r.p density limits of No. 5.364 are exceeded.</p> <p><u>Steerable beam KA6R, frequency assignments 17 701, 17 703, 17 705, 17 825, 18 075 MHz and in the 18 200 – 18 800 and 18 800 – 19 700 MHz bands with maximum power density <math>\geq -58.8</math> dBW/Hz and maximum peak power <math>\geq 1.2</math> dBW</u></p> <p><b>FAVOURABLE</b> <u>Note: The finding is based on the Radio Regulations Board Rule of Procedure and its annex concerning No. 21.16.</u></p>	<p><u>Relativas a la Conclusión según N.º 11.31</u></p> <p><u>Asignación de frecuencia 1 618,25 MHz a las estaciones terrenas transmisoras TYPICAL-S1, TYPICAL-S2, TYPICAL-S3 y TYPICAL-S4 con una densidad máxima de potencia <math>\geq -45.4</math>, <math>\geq -50.4</math>, <math>\geq -52.4</math> y <math>\geq -55.4</math> dBW/Hz, respectivamente</u></p> <p><b>DESFAVORABLE</b> Se rebasan los límites de densidad de p.i.r.e. máxima indicados en el número 5.364.</p> <p><u>Haz orientable KA6R, asignaciones de frecuencia 17 701, 17 703, 17 705, 17 825, 18 075 MHz y en las bandas 18 200 – 18 800 y 18 800 – 19 700 MHz con una densidad máxima de potencia <math>\geq -58.8</math> dBW/Hz y un valor máximo de la potencia de cresta <math>\geq 1.2</math> dBW</u></p> <p><b>FAVORABLE</b> <u>Nota: La conclusión se funda en la Regla de procedimiento de la Junta del Reglamento de Radiocomunicaciones y su anexo con respecto al número 21.16.</u></p>



Relatives à l'examen conformément au N° 9.36

Voir les pages 3-4 pour le résumé. Pour plus de détails, voir les pages qui suivent.

关于根据第 9.36 款的审查

见第 3-4 页的概述。详细情况见以下各页。

I. Nécessité d'une coordination au niveau du groupe  
一、需要在组的层次进行的协调

Relating to the examination with respect to  
No. 9.36

See pages 3-4 for the summary. Details are provided on pages that follow.

Относительно экспертизы по п. 9.36

Сводные данные см. на стр. 3-4. Подробная информация приводится на следующих страницах.

I. Coordination requirements at group level  
I. Потребности в координации на уровне группы

Relativas al examen según N.º 9.36

Véanse las páginas 3-4 para el resumen. Se indican los detalles en las páginas siguientes.

المتعلقة بالفحص وفقاً للرقم 36.9

انظر الصفحتين 3-4 للاطلاع على الملخص. وللمزيد من التفاصيل انظر الصفحات التالية.

I. Requisitos de coordinación a nivel de grupo  
I. متطلبات التنسيق على مستوى المجموعة

Administrations identifiées au titre du N° 9.7 par : 根据第9.7款识别的主管部门:				Administrations identified under No. 9.7 by : Администрации, идентифицированные согласно п. 9.7:			Administraciones identificadas según N.º 9.7 por : الإدارات المحددة وفقاً للرقم 9.7 بموجب:				
B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	GHz	Delta T/T Delta T/T	Delta T/T Дельта T/T	Delta T/T T/T دلتا	Arc de coordination 协调弧	Coordination Arc Дуга координации	Arco de coordinación قوس التنسيق		
IS1R	R	114672086	22								
IS3R	R	114672087	32								
IS7R	R	114672088	59								
KA1R	R	114672606	27				CTI/RAS CYP F IRN ISR KOR LUX QAT UAE				
		114672607	27				CTI/RAS CYP F IRN ISR KOR LUX QAT UAE				
		114672608	27				CTI/RAS CYP F IRN ISR KOR LUX QAT UAE				
		114672609	27				CTI/RAS CYP F IRN ISR KOR LUX QAT UAE				
		114672610	27				CTI/RAS CYP F IRN ISR KOR LUX QAT UAE				
		114672611	27				CTI/RAS CYP F IRN ISR KOR LUX QAT UAE				
KA2R	R	114672612	27	CTI/RAS F/EUT F J			ARS/ARB CHN CTI/RAS CYP EGY F/EUT F G I IRN ISR KOR LUX NOR QAT RUS TUR UAE				
		114672613	27	CTI/RAS F/EUT F J			ARS/ARB CHN CTI/RAS CYP EGY F/EUT F G I IRN ISR KOR LUX NOR QAT RUS TUR UAE				

II. Liste des réseaux à satellite (voir N° 9.36.2)  
二、卫星网络清单 (见第9.36.2款)

II. List of satellite networks (see No. 9.36.2)  
II. Список спутниковых сетей (см. п. 9.36.2)

II. Lista de redes de satélite (véase el N.º 9.36.2)  
II. قائمة بالشبكات الساتلية (انظر الرقم 2.36.9)

Liste des réseaux à satellite pour lesquels Delta T/T > 6% ou situés à l'intérieur de l'arc de coordination (au titre du N° 9.7)

List of satellite networks for which Delta T/T > 6% or which are within the coordination arc (under No. 9.7)

Lista de redes de satélite para las que Delta T/T > 6% o que están dentro del arco de coordinación (según N.º 9.7)

Delta T/T > 6% 的卫星网络清单或位于协调弧内的卫星网络清单 (依据 9.7)

Список спутниковых сетей, для которых Дельта T/T > 6% или которые находятся внутри дуги координации (согласно № 9.7)

قائمة بالشبكات الساتلية التي تكون فيها قيمة دلتا T/T < 6% أو التي تقع داخل قوس التنسيق (موجب الرقم 7.9)

A1f1 Notifying adm.	A1f3 Inter. sat. org.	A1a Sat. Network	A4a1 Orbital long.	BR3b Category of notif.	BR25 A/T	BR6a Id. no.	BR26 Causing interference	BR27 Receiving interference	BR28 Detected by coord. arc
ARM		ARMSAT1	71.4 E	C	A	113520013	C	R	
ARS	ARB	ARABSAT 2-C	20 E	C	A	95520086			A
		ARABSAT 2-C	20 E	N	A	102500474			A
		ARABSAT 5A-30.5E	30.5 E	C	A	105520072	C	R	
		ARABSAT 5A-30.5E	30.5 E	N	A	110500040	C	R	
		ARABSAT 5C-20E	20 E	C	A	105520074	C	R	A
		ARABSAT 5C-20E	20 E	N	A	111500210	C	R	A
		ARABSAT 5D-17E	17 E	C	A	109520057	C	R	A
		ARABSAT 6E-34.5E	34.5 E	C	A	105520076	C	R	
		ARABSAT 6E-34.5E	34.5 E	N	A	111500139	C	R	
		ARABSAT 7A-30.5E	30.5 E	C	A	109520112	C	R	
		ARABSAT 7B-26E	26 E	C	A	109520113	C	R	A
		ARABSAT 7C-20E	20 E	C	A	109520114	C	R	A
		ARABSAT 7D-7.5E	7.5 E	C	A	109520115	C	R	A
		ARABSAT 7E-34.5E	34.5 E	C	A	109520116	C	R	
		ARABSAT 7F-44.5E	44.5 E	C	A	109520117	C	R	
		ARABSAT 7F-44.5E	44.5 E	N	A	113500044		R	
		ARABSAT 7F-44.5E	44.5 E	N	T	314500039	C	R	
		ARABSAT 7G-11E	11 E	C	A	109520118	C	R	A
		ARABSAT 8A-30.5E	30.5 E	C	A	113520014	C	R	
		ARABSAT 8B-26E	26 E	C	A	113520015	C	R	A
		ARABSAT 8C-20E	20 E	C	A	113520016	C	R	A
		ARABSAT 8D-7.5E	7.5 E	C	A	113520017	C	R	A
		ARABSAT 8E-34.5E	34.5 E	C	A	113520018	C	R	
		ARABSAT 8F-44.5E	44.5 E	C	A	113520019	C	R	
		ARABSAT 8G-11E	11 E	C	A	113520020	C	R	A
		ARABSAT 8H-17E	17 E	C	A	113520021	C	R	A
		ARABSAT 8J-39E	39 E	C	A	113520193	C	R	
		SAUDI-FMSS-7-R1	29 E	C	A	109520338	C	R	
		STRATSAT-5-R1	41 E	C	A	109520339	C	R	
AUS		ADF 152E GOVR	152 E	C	A	108520304	C	R	
		ADF 156E GOV	156 E	C	A	102520061	C	R	

III. Administrations susceptibles d'être défavorablement influencées au niveau du groupe (à titre d'information uniquement, voir N° 9.36.1)

三、在组的层面潜在的受干扰的主管部门 (仅供参考, 见第9.36.1款)

III. Potentially affected administrations at group level (for information only, see No. 9.36.1)

III. Потенциально затрагиваемые администрации на уровне группы (исключительно для информации, см. п. 9.36.1)

III. Administraciones posiblemente afectadas a nivel de grupo (sólo para información, véase el N.º 9.36.1)

III. الإدارات التي يحتمل أن تتأثر تأثيراً غير مؤثر على مستوى المجموعة (انظر الرقم 1.36.9 للعلم فقط)

B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	GHz	Administrations susceptibles d'être défavorablement influencées au titre du N° 9.11 潜在的受干扰的主管部门 9.11	Potentially affected administrations under No. 9.11 Администрации, потенциально затрагиваемые согласно № 9.11	Administraciones posiblemente afectadas según N.º 9.11 الإدارات التي يحتمل أن تتأثر بموجب الرقم 11.9
TL1R	E	114672246	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114672247	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
TL3R	E	114673214	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114673215	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114673216	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114673217	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114673218	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114673219	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114673220	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS
		114673221	1	ARG B BHR CAN CZE G GNB GRC HRV I SEN SUI SVK SVN SYR	D E/CNR E EGY IRN ISR MLT NOR UAE UKR USA/PTR YEM	F/MYT F/REU F FIN OMA QAT RRW RUS

B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	GHz	Administrations susceptibles d'être défavorablement influencées au titre du N° 9.13 潜在的受干扰的主管部门 9.13	Potentially affected administrations under No. 9.13 Администрации, потенциально затрагиваемые согласно № 9.13	Administraciones posiblemente afectadas según N.º 9.13 الإدارات التي يحتمل أن تتأثر بموجب الرقم 13.9
KA2R	R	114672618	28	CAN D F G USA		





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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		SAT-SA2A_1		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	
				BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSABLE ADM. ADM. RESPONSABLE		LA		LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	
		13.4 E		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
				14523023	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL				07.07.2014	

LA PROCÉDURE SPÉCIALE PRÉVUE DANS LA  
RÉSOLUTION 553 S'APPLIQUE

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.

SPECIAL PROCEDURE OF RESOLUTION 553 APPLIES

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.

SE APLICA EL PROCEDIMIENTO ESPECIAL DE LA  
RESOLUCIÓN 553

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.

SPECIAL PROCEDURE OF RESOLUTION 553 APPLIES

DATE D'ACCÈS PRIORITAIRE  
PRIORITY ACCESS DATE  
FECHA DE ACCESO PRIORITARIO

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.

X

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

11.03.2015

# Comment on CR/C, CR/F

- **An administration** having received a request for coordination (through publication of CR/C, CR/F) shall examine the matter with respect to interference which may be caused to, or caused by, its own assignments
- inform the requesting administration and the BR **within four months** from the date of publication of the BR IFIC of either:
  - its agreement to the proposed use, or
  - its disagreement, giving reasons for the disagreement

# Final Coordination Requirement

Special Section	Provision	Methods	Final/Subject
List of Adms in CR/C	9.7, 9.7A, 9.7B, Art7 of AP30/30A	$\Delta T/T$ , pfd mask, Band Overlap	<b>Final</b>
List of Adms in CR/C	9.7	Coordination Arc	Subject to request for inclusion or exclusion under Nos.9.41/9.42
List of Adms in CR/F	9.7	Coordination Arc, pfd mask	<b>Final</b> , 9.41 does not apply
List of Adms in CR/C	9.11 to 9.14, 9.21	Band Overlap, eirp, pfd mask	Subject to comment under No.9.52

# CR/E Publication (No.9.42)

- **An Adm requests for inclusion or exclusion of adm/network as coordination requirement under Nos.9.41 using SpaceCom within 4 month**
- **No request within 4 month means agreement to the requirements published in CR/C (No.9.43)**
- **CR/E contains list of administrations/ satellite networks, requested and confirmed by the Bureau for inclusion (No.9.42)**
- **Final List of coordination requirements (Adms and networks) published in CR/E + CR/C**
- **During coordination additional networks can be included with mutual agreement (No.9.42.1)**



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		SAT-10		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2781 / 28.10.2014
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	ZE	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	34.5 E	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	13520303

X	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)

CR/C/3516 (BR IFIC 2768 / 29.04.2014)

I. Nécessité d'une coordination au niveau du groupe I. Coordination requirements at group level

一、需要在组的层次进行的协调

I. Потребности в координации на уровне группы

II. Liste des réseaux à satellite

二、卫星网络清单

II. List of satellite networks

II. Список спутниковых сетей

Liste des réseaux à satellite pour lesquels Delta T/T est supérieur à 6% mais qui ne sont pas dans la liste de coordination

List of satellite networks for which Delta T/T > 6% but are not in the coordination list

Lista de redes de satélites para las cuales  $\Delta T/T > 6\%$  pero no se encuentran en la lista de coordinación

Список спутниковых сетей, для которых  $\Delta T/T > 6\%$  и которые не находятся в списке координации

Перечень спутниковых сетей, для которых  $\Delta T/T > 6\%$ , однако НЕ находится в пределах координационной дуги (согласно № 9.7)

قائمة الشبكات الساتلية التي تكون فيها النسبة  $\Delta T/T < 6\%$  ولكنها ليست ضمن قوس التنسيق (موجب الرقم 7.9)

Administrations identifiées au titre du N° 9.41/9.7 par : 根据第9.41/9.7款识别的主管部门:					Administrations identified under No. 9.41/9.7 by : Администрации, идентифицированные согласно п. 9.41/9.7:				
B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	GHz		Delta T/T Delta T/T				
CU1R	R	11373501	5	EGY	G	KOR	UAE		
		11373502	5	EGY	G	KOR	UAE		
		11373503	5	EGY	G	KOR	UAE		
		11373504	5	EGY	G	KOR	UAE		

A1f1 Notifying adm.	A1f3 Inter. sat. org.	A1a Sat. Network	A4a1 Orbital long.	BR3b Category of notif.	BR25 A/T	BR6a Id. no.	BR26 Causing interference	BR27 Receiving interference
EGY		NAVISAT-11A	28.25 E	C	A	109520317	C	R
		NAVISAT-12A	35.5 E	C	A	109520318	C	R

# CR/D Publication (No.9.53A)

- **An Adm informs its disagreement under No.9.52 using SpaceCom within 4 month**
- **No disagreement within 4 month means agreement to the proposed assignments in CR/C (No.9.52C)**
- **CR/D contains list of administrations having submitted their disagreement (No.9.53A)**
- **Final List of coordination requirements (Adms ) published in CR/D**





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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		NPOL-2		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA <b>2782 / 11.11.2014</b>	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	AN	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NGSO	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN <b>13520282</b>	

	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.
X	9.11A			
	X 9.12			
	X 9.12A			
	9.13			
	9.14			
X	9.21/A	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.
X	9.21/B	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.
X	9.21/C			
	RS33#2.1			

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

**CR/C/3474 (BR IFIC 2765 / 18.03.2014)**

Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I

Tableau II /

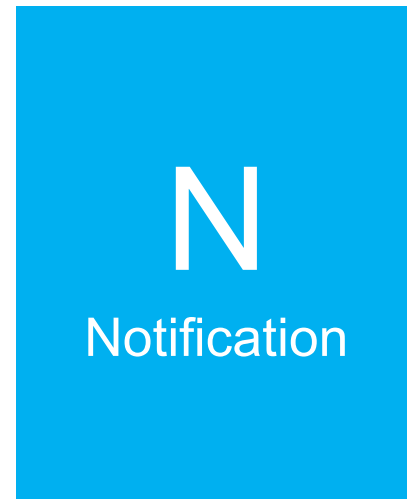
Nécessité d'une coordination au niveau du groupe  
在组的层次进行的协调 / Требования

Disposition / Provision / Disposición / 条款 / Положение / الحكم	Récapitulatif des coordinations à effectuer	Summary of coordination requirements	Resumen de los requisitos d
	协调要求概述	Сводные данные о будущей координации	مستلزمات التنسيق
9.11			
X 9.11A			
X 9.12	E, F, G, LUX, RUS, USA		
X 9.12A	ALG, ARM, ARS/ARB, ARS, AUS, B, BGD, BUL, CHN, CTI/RAS, CYP, CZE, D, E, EGY, F, G, GRC, HOL, I, IND, INS, IRN, ISR, J, KAZ, NOR, PAK, PNG, QAT, RUS/IK, RUS, S, THA, TUR, UAE, USA, VTN		

B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	BR47 Frequency band (MHz)	
KAU1	R	113724117	27500.000 - 28600.000	G
		113724118	27500.000 - 28600.000	G
		113724119	27500.000 - 28600.000	G

## Non Planned Space Services (Articles 9 & 11)

- Sections I and II of Article 11
- Within API date of receipt + 7 years (No.11.44.1) else cancel (No. 11.48)
- Purpose: To record favourable frequency assignments in MIFR for international recognition rights (No. 8.3)
- Rights: To be taken into account by other administrations to avoid harmful interference (No. 8.3)





# Article 11 Notification

- In order to be recorded in the MIFR

Assignments shall

- Be in conformity with Allocation Table and Other provisions listed in RoP under No.11.31 (No. 11.31 examination)
- Complete required coordination requirements (No. 11.32 examination)

Or

- Be favourable in examination on probability of harmful interference (C/I) (No.11.32A examination)

# Article 11 Notification

- **Assignments can also be recorded in the MIFR if requested:**
  - **Under Nos.4.4/8.4**
    - Unfavourable finding under No.11.31
    - Information only – no international recognition
  - **Under No.11.41**
    - Unfavourable finding under Nos11.32 and 11.32A
    - Requirement of No.11.41.2 (indication of coordination effort) and No.11.42 (elimination of harmful interference)
- **Bringing into use of assignments have to be confirmed in the notification process (11.47 and 11.44B) within the regulatory period**

# Publication in Parts of the BR IFIC

- Part I-S - **Acknowledgement** of receipt, particulars of complete frequency assignment notices
- Part II-S - Findings (mostly favourable) resulting in the **recording** of the frequency assignment **in the MIFR**;
- Part III-S - **Unfavourable Findings** resulting in the **return** of the notice to the notifying administration.

## Non Planned Space Services (Articles 9 & 11)

- Within API date of receipt + 7 years  
(No. 11.44) else cancel (No. 11.48)

For GSO (No. 11.44B)

- Maintained at orbital position continuously for 90 days
- Capability of transmitting/receiving
- Inform BR, 90 to 120 days of BIU





Due Diligence  
Information



Suspension



Maintenance of  
MIFR etc.



API  
(Advance Publication)



Coordination



Notification  
(recording in Master Register)

# Due Diligence – Res 49

- **Resolution 49: To address the problem of orbit and spectrum reservation without actual use (Res 18 of Kyoto PP)**
- **Applies to satellite network in the FSS, MSS, BSS that is subject to coordination Procedure**
- **Not submitted within the regulatory deadline results in suppression of submissions**

# **Due Diligence Information required:**

## **Annex 2 to Resolution 49**

- A. Identity of the satellite network**
- B. Spacecraft manufacturer**
- C. Launch services provider**

# **Due Diligence – Res 552**

## **Resolution 552**

- **Similar to Res 49 to some extent**
- **Applies to BSS in R1,R3 21.4-22G**
- **ITU-ID for new satellites**
- **DD is required for suspending shifting/deorbiting**
- **BR need not remind and cancel the network**



# Suspension

- Frequency Assignments can be suspended for a period of 3 years under No.11.49.
- BR has to be informed of suspension of use, **no later than 6 months** from the date of suspension.
- Frequency Assignments are considered brought back into use **only if conditions of No.11.49.1 are met**

# CT ITU Reminder

Nos.11.44/11.44.1 and Res49

- **Reminder** sent 6 months before expiry of the **7-year regulatory “time limit”**
  - CT ITU is posted on the ITU Web site.
- **If the BiU, due diligence information or notification is not received in time, relevant special sections and provision recording in the MIFR shall be cancelled (No.11.48)**

# Art 13 – Maintenance of MIFR

- BR is responsible for maintenance of the MIFR
- Under No.13.6 BR queries administrations for more information about DBIU and/or continuous use based on reliable information available
- Action taken by BR cancel the entry shall be subject to a decision of the RRB



**Thank you for your  
kind attention**