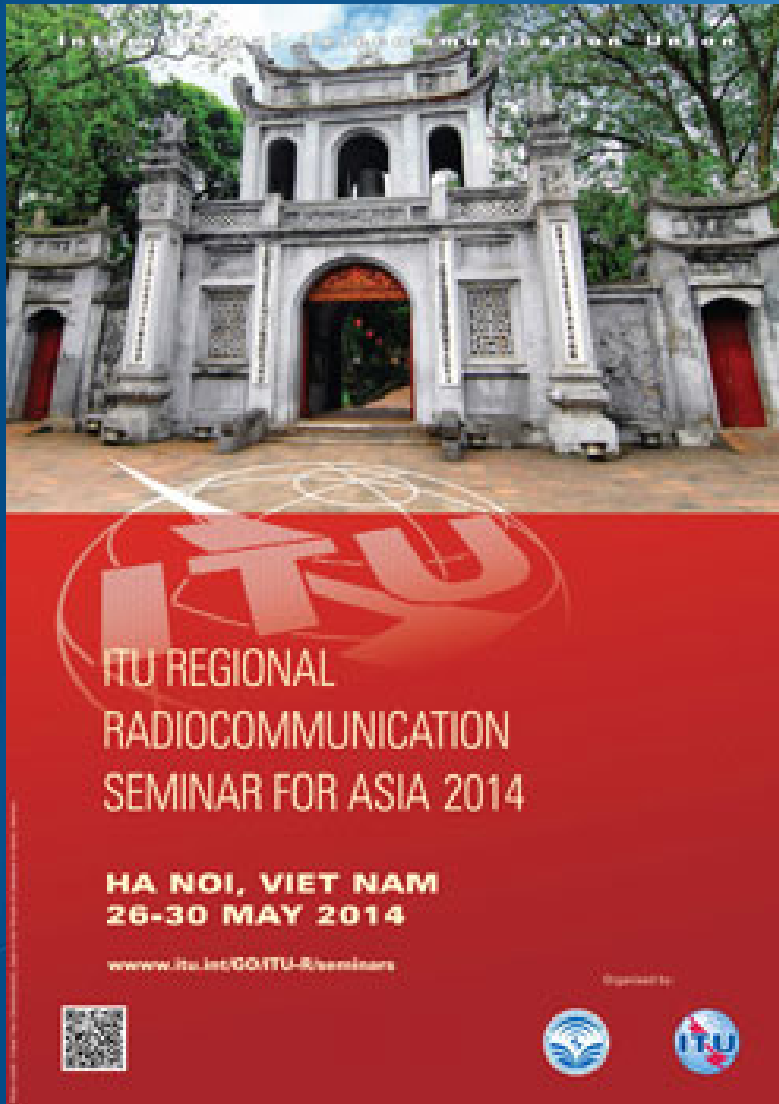


Cost recovery for satellite network filings – Decision 482

ITU – RRS-14 Asia
Hanoi, Vietnam
26-30 May 2014

Chuen Chern Loo
BR/SSD/SPR





ITU REGIONAL
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Topics

- Council Decision 482
- Radio Regulations
- Fees for GSO
- Fees for NGSO
- Categories
- Units
- Invoicing process
- Free entitlement

Council Decision 482

- Determines what filings are subject to cost recovery, from which date
- Schedule of processing charges with different categories
- Annual free entitlement for each administration
- 6 months period for payment

Radio Regulations relevant to cost recovery

- Publication will be cancelled if payments not received on time, and reminder to be sent by Bureau
 - **9.2B.1** If the payments are not received in accordance with the provisions of Council Decision 482, as amended, on the implementation of cost recovery for satellite network filings, the Bureau shall cancel the publication, after informing the administration concerned. The Bureau shall inform all administrations of such action, and that the network specified in the publication in question no longer has to be taken into consideration by the Bureau and other administrations. The Bureau shall send a reminder to the notifying administration not later than two months prior to the deadline for the payment I
- Similar provisions for CR/C, Notifications, Modifications to Plans etc.

Fees for GSO

- No fee for API
- Fee for CR/C depending on categories and units
 - Categories depend on number and type of coordination provisions
 - Units depend on number of frequency assignments, class of station and number of emissions
- Fee for Notification depending on categories, units and whether No.11.32A is requested
 - Categories and Units – established in the same way as CR/C
 - If No.11.32A is requested full fee, otherwise 70% of fee

Fees for CR/Cs

Category	Number of cost recovery forms of coordination	Fee per filing (CHF) < 100 units	Fee per filing (CHF) ≥ 100 units
C1	1	5 560 + 150 x Units	20 560
C2	2 or 3	9 620 + 150 x Units	24 620
C3	4 or more	18 467+ 150 x Units	33 467

Fees for Notification (Art 11)

Category	Number of costrec forms of coordination	Fee per filing (CHF) < 100 units	Fee per filing (CHF) ≥ 100 units
N1	1	15 910 + 150 x Units	30 910
N2	2 or 3	42 920 + 150 x Units	57 920
N3	4 or more	42 920+ 150 x Units	57 920
N4	Not subject to coordination	7 030	

Fees for NGSO subject to various forms of coordination

- No fee for API
- Fee for CR/C depending on categories and units
 - Categories depend on number and type of coordination provisions
 - Units depend on number of frequency assignments, class of station and number of emissions
- Fee for Notification depending on categories, units and whether No.11.32A is requested
 - Categories and Units – same as CR/C
 - If No.11.32A is requested full fee, otherwise 70% of fee

Fees for NGSO subject to coordination under No.9.21 only

- No fee for API
- Fee for CR/C depending on categories and units
 - Category of C1
 - Units depend on number of frequency assignments, class of station and number of emissions
- Flat fee for notification 7030 CHF

Fees for NGSO not subject to coordination

- Flat fee of 570 CHF for API
- Flat fee of 7030 CHF for notification

Exemptions

- The following are exempt from any cost recovery fees:
 - that publication of special sections for the amateur-satellite service
 - the notification for recording of frequency assignments for earth stations
 - the conversion of an allotment into an assignment in accordance with the procedure of former Section I of Article 6 of Appendix 30B
 - the addition of a new allotment to the plan for a new Member State of the Union in accordance with the procedure of Article 7 of Appendix 30B
 - submissions under resolves 3 and 4 of Resolution 555 (WRC-12)

Determination of sub categories for coordination and notification

- The sub categories (C1, 2,3 and N1,2,3) are determined based on the number of coordination provisions identified in the publication

Cost recovery form of coordination	RR forms of coordination
A	No. 9.7, RS33.3
B	AP30 7.1, AP30A 7.1
C	No. 9.11, RS33 2.1, RS539
D	Nos. 9.7B, 9.11A, 9.12, 9.12A, 9.13, 9.14
E	No. 9.7A
F	No. 9.21



Example (Forms of Coordination):



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		LUX-G6-12		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/C/2245
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2632 / 11.11.2008
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LUX	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	43.5 E	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	108520161
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					18.06.2008

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 au bordonné au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.

This request for coordination, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box.

Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el punto N° 9.30 del Reglamento de Radiocomunicaciones, se ha examinado de conformidad con los N° 9.35 y 9.36 y se publica de conformidad con el N° 9.38. Está sujeta al formulario de coordinación indicado en la columna de la izquierda con una X en la casilla correspondiente.

Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el cuadro I				
<input checked="" type="checkbox"/>	9.7	Conformément aux numéros 9.50 à 9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de communiquer leur décision à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous.	In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.	De conformidad con los N° 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.
<input type="checkbox"/>	9.7A			
<input type="checkbox"/>	9.7B			
<input type="checkbox"/>	9.42			
<input checked="" type="checkbox"/>	AP30#7.1			
<input checked="" type="checkbox"/>	AP30A#7.1			
<input type="checkbox"/>	RS77			
<input type="checkbox"/>	RS84			
<input type="checkbox"/>	RS539			
<input type="checkbox"/>	RS33#3			
Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Formulario de coordinación remitido al cuadro II				

<input checked="" type="checkbox"/>	9.11	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.	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.	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° 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° 9.11 a 9.14 y RS33#2.1, se aplicarán las disposiciones de los N° 9.48 y 9.49.
<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 checked="" type="checkbox"/>	9.21A			
<input checked="" type="checkbox"/>	9.21B			
<input checked="" type="checkbox"/>	9.21C			
<input type="checkbox"/>	RS33#2.1			

DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN **11.03.2009**



Cost recovery summary in CR/C

SECTION SPECIALE / SPECIAL SECTION / SECCIÓN ESPECIAL / 特节 / СПЕЦИАЛЬНАЯ СЕКЦИЯ / القسم الخاص										CRC/2245	
A	A 1a Sat. Network	LUX-G6-12	A 1f1 Notifying adm.	LUX	A 1f3 Inter. sat. org.		BR1 Date of receipt	18.06.2008	BR20/BR21 BR IFIC no./part	2632/	
	BR6a/BR6b Id. no.	108520161	BR3a/BR3b Provision reference	9.6	C		BR2 Adm. serial no.				

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	13A Conformity with RR	C3a Assigned freq. band	BR47 Frequency band (MHz)		BR15 Provision reference	BR53 Nb of freq.	C4a Class of station	BR54 Nb of emiss.	BR55 Nb of units
TUHR	E		108627556		A-----	77000	235	- 312	9.21,9.7	1	EI	2	2
			108627557		A-----	7000	315	- 322	9.21,9.7	1	EI	2	2
			108627558		A-----	64500	335.4	- 399.9	9.13,9.21,9.7	1	EI	2	2
TV1R	E		108627559		A-----	2000000	37500	- 42500	9.7	2	EC	1	2
			108627560		A-----	1000000	39500	- 40500	9.7	1	EC	1	1
			108627561		A-----	1000000	39500	- 40500	9.7	1	EI	1	1
			108627562		A-----	1000000	41000	- 42000	9.7	1	EV	1	1
TV2R	E		108627563		A-----	2000000	37500	- 42500	9.7	2	EC	1	2
			108627564		A-----	1000000	39500	- 40500	9.7	1	EC	1	1
			108627565		A-----	1000000	39500	- 40500	9.7	1	EI	1	1
			108627566		A-----	2000000	40500	- 42500	9.7	1	EV	1	1
TVR	E		108627757		A-----	30000	2170	- 2200	9.13,9.14,9.7	1	EI	6	6
TX1R	E		108627567		A-----	125000	7250	- 7375	9.7	1	EC	1	1
			108627568		A-----	125000	7250	- 7375	9.7	1	EC	1	1
			108627569		A-----	125000	7250	- 7375	9.7	1	EC	1	1
			108627570		A-----	375000	7375	- 7750	9.7	1	EC	1	1
			108627571		A-----	375000	7375	- 7750	9.7	1	EC	1	1
			108627572		A-----	375000	7375	- 7750	9.7	1	EC	1	1
			108627573		A-----	125000	7250	- 7375	9.21,9.7	1	EI	1	1
			108627574		A-----	125000	7250	- 7375	9.21,9.7	1	EI	1	1
			108627575		A-----	125000	7250	- 7375	9.21,9.7	1	EI	1	1

BR57 Category	C3
BR56 Total number of units	398

Computation of Units

- Units =

the number of frequency assignments

x

number of classes of station

x

number of emissions

summed up for all frequency assignment groups

- Only applicable for categories C1, C2, C3, N1, N2, N3



Example (units):

Nb. of Freq x **Class of station** x **Nb. of emiss.** = **Number of units**

SECTION SPECIALE / SPECIAL SECTION / SECCIÓN ESPECIAL / 特番 / СПЕЦИАЛЬНАЯ СЕКЦИЯ / القسم الخاص										CR/C/2222
A	A1a Sat. Network	SWANSAT-3A	A1f1 Notifying adm.	NRU	A1f3 Inter. sat. org.		BR1 Date of receipt	15.05.2008	BR20/BR21 BR IFIC no./part	2629/
	BR6a/BR6b Id. no.	108520131	BR3a/BR3b Provision reference	9.6	C	BR2 Adm. serial no.				

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	13A Conformity with RR	C3a Assigned freq. band	BR47 Frequency band (MHz)		BR15 Provision reference	BR53 Nb of freq.	C4a Class of station	BR54 Nb of emiss.	BR55 Nb of units
			108617349		A-----	3000000	71000	- 74000	9.7	1	EC	3	3
			108617350		A-----	3000000	71000	- 74000	9.7	1	EC	3	3
			108617351		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617352		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617353		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617354		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
			108617355		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
			108617356		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
WD2	E		108617357		A-----	3000000	71000	- 76000	9.7	2	EC	3	6
			108617358		A-----	3000000	71000	- 76000	9.7	2	EC	3	6
			108617359		A-----	3000000	71000	- 76000	9.7	2	EC	3	6
			108617360		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617361		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617362		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617363		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
			108617364		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
			108617365		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
WD3	E		108617378		A-----	3000000	71000	- 76000	9.7	2	EC	3	6
			108617379		A-----	3000000	71000	- 76000	9.7	2	EC	3	6
			108617380		A-----	3000000	71000	- 76000	9.7	2	EC	3	6
			108617381		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617382		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617383		A-----	3000000	71000	- 74000	9.7	1	EI	3	3
			108617384		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
			108617385		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6
			108617386		A-----	2000000	74000	- 76000	9.7	1	EB, EV	3	6

BR57 Category		C1
BR56 Total number of units		369

Fees for Plans (AP30/30A/30B) – Flat fees

Category	Description	Flat fee (CHF)
P1	AP30/E, AP30A/E, AP30-30E/ (Part A or Part B)	28 870
P2	Notification under Article 5 of AP30/30A	11 550
P3	Coordination request under Article 2A of AP30/30A	12 000
P4	Procedures under Article 6 of AP30B	25 350
P5	Notification under Article 8 of AP30B	20 280

Invoicing process:

- Upon receipt of filing, the BR establishes the receivability of the filings
- Invoice will be issued based on the category and units of the filing accessed at that time.
- Due date for payment will be 6 months from the date of issue of invoice
- Following the detailed examination of the notice, if the category or units of the filing is found to be any different, any excess fee (or refund) will be issued after the publication of the notice

Withdrawal of a filing by the Administration

Upon submission of a filing, an Administration can withdraw a filing within 15 days with no charge

After that, the filing is chargeable even if it was withdrawn before its publication

Annual free entitlement

- Each Member state shall be entitled to the publication of special sections for one satellite network each year without charge
- Nomination of the free entitlement
 - To be made by the member state in its role as the notifying administration
 - Should correspond to the year of receipt of the filing
 - Can be made at the time of submission or, at the latest, by the end of the period for payment of the invoice (note that this may be different from the year of the free entitlement)

References

- Council Decision 482 (C2013)
- BR Circular letter CR/295
- BR web site
 - <http://www.itu.int/ITU-R/go/space-cost-recovery>



Thanks for your kind attention!

Contact: chuen-chern.loo@itu.int



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