





# Examination of results AP30/30A

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# **Technical examination of submitted notices**



#### Once the databases submitted are complete

- The BR performs a technical examination to determine the **potential interference** of the incoming network to the existing services from other administrations
- As a result, the BR publishes the identification of potentially affected administrations/networks in a Special Section, which is considered as a request for coordination for these administrations

### **Technical examination of submitted notices**



UNION INTERNATIONALE DES BUREAU DES RADIOC		ICATIONS IS	INTERNA R	ATIONAL 1 ADIOCON		BUREAU UNION UNIÓ	N INTE	RNACION/	AL DE TELECOMUNICACIONES ADIOCOMUNICACIONES	© l.t.u.
RÉSEAU À SATELLITE SATELLITE NETWORK CHNBSAT-92.2E-1 RED DE SATÉLITE						SECTION SPÉCIALE N <sup>O</sup> Special Section No. Sección Especial N. <sup>O</sup>			AP30/E/821	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	CHN LONGITUDE NOMINALE NOMINAL LONGITUDE 92.2 E LONGITUD NOMINAL					BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA			2910 / 10.12.2019	
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE						NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	ENTIFICATION ON NUMBER 119552005 DENTIFICACIÓN			
RENSEIGNEMENTS REÇUS PAR	R LE BUREAU LI	E / INFORMATION	RECEIVED	D BY THE	BUREAU ON /	INFORMACIÓN RECIBIDA POR	LA OF	CINA EL	05.07.2019	
Caraotérictiques des assignations de fréquence publiées en application de l'Article 4 de l'Appendice 30 du Règlement des radiocommunications La présente Section spéciale concerne des propositions d'assignations nouvelles ou modifiées dans la Liste des llaisons descendantes pour les Régions 1 et 3 dans les bandes de fréquences 11,7-12,6 GHz en Région 1 et/ou 11,7-12,2 GHz en Région 3.						ments published in application of o the Radio Regulations used new or modified assignments List in the frequency bands 11.7- 2 GHz in Region 3.	Esta modi en l y/o 11	Caraoteristi conforme a Secolón Es; ficadas en la as bandas 1,7-12,2 GHz	ioas de asignaciones de frecuencias publicad al Artículo 4 del Apéndice 30 del Reglamento Radiocomunicaciones pecial trata de las asignaciones propuestas a Lista de enlaces descendentes de las Regis de frecuencias 11,7-12,6 GHz en la F en la Región 3.	ias de nuevas o ones 1 y 3 Región 1
Elle comprend les Parties indiquées ci appropriée.	-dessous par une cr	oix (X) dans la case	It is compo	osed of the F	Parts indicated be	elow by an (X) in the relevant box Se compone de la pertinente.			Partes indicadas a continuación con una (X) er	n la casilla
[X] Partie A - Projets d'assignation pour les Régions 1 d	ns nouvelles ou moo	difiées dans la Liste	[X] P	artA - Pr	roposed new or m	odified assignments in the Regions 1	[X]	Parte A -	Asignaciones propuestas nuevas o modifica	das en la
pour les Régions 1 et 3. [] Partie B - Assignations nouveilles ou modifiées ajoutées à la Liste pour [] Part B - New or modifie les Régions 1 et 3 en conséquence de l'application avec succès des dispositions de l'Article 4 de l'Appendice 30. provisions of A			ew or modified as nd 3 List as a resu rovisions of Article	ssignments entered in the Regions 1 alt of the successful application of the 4 of Appendix 30.	п	Parte B -	Asignaciones nuevas o modificadas introduci Lista de las Regiones 1 y 3 como resulta aplicación satisfactoría de las disposiciones del del Apéndice 30.	idas en la sdo de la i Artículo 4		
[]       Parte C - Annulation d'une Section spèciale Parte A publiée etiou       []       Part C - Cancellation of a sasignations de fréquence annulées de la Liste pour les       Section and/or fréquence annulées de la Liste pour les         Régions 1 et 3 conformément au § 4.1.3, à la note de bas       the Regions 1 a de page 7 du § 4.1.5, à la note de bas de page 8 du § 4.1.15       footnote 7 to § etiou § 4.1.23 de l'Article 4 de l'Appendice 30 ou         Résolution 48 ou Résolution 648.       Resolution 648.       Resolution 648.					ancellation of a p ection and/or free e Regions 1 and otnote 7 to § 4. 4.1.23 of Article 4 esolution 648.	previously published Part A Special quency assignments cancelled from 1 3 List in accordance with § 4.1.3, 1.5, footnote 8 to § 4.1.15 and/or 4 of Appendix 30 or Resolution 48 or	[]	Parte C -	Cancelación de una Parte A de la Sección previamente publicada y/o de las asignas frecuencia canceladas de la Lista de las Regio de conformidad con el § 4.1.3, la nota 7 del nota 8 del § 4.1.15 y/o § 4.1.23 del Artici Apéndice 30 o Resolución 48 o Resolución 648	i Especial tiones de mes 1 y 3, § 4.1.5, la ulo 4 del 8.
SOUMIS AU TITRE DE SUBMITTED UNDER SOMETIDO CON ARREGLO A	DATE L EXPIRY FECHA	LIMITE PO Y DATE FO LIMITE P	OUR LA RÉCEP OR THE RECE PARA LA RECE	PTION DES COMMENTAIRES : IPT OF COMMENTS : EPCIÓN DE LOS COMENTARIOS	:	·	10.04.2020			

# **Technical examination of submitted notices**

Administrations et/ou réseaux à satellite affectés / Affected administrations and/or satellite networks / Administraciones y/o redes de satélite afectadas و الشبكات السائلية المتأثر ة/الإدارات و / У影响的主管部门和/或卫星网络 / Затронутые администрации и/или спутниковые сети أو الشبكات

A1f1	A1f3	A1a Sat. Network /	BR6a	A4a1	BR45	BR46							
Notif. adm.	Inter. sat.	A1b Plan beam identification	ld. no.	Orbital long.	Max. EPM/OEPM	Max. PFD							
	org.				degradation	excess							
	App.30 Art.4, §§4.1.1 a) & 4.1.1 b) - Annexe 1, §1												
	App.30 Art.4, §§4.1.1 a) & 4.1.1 b) - Annex 1, §1												
Ap.30 Art.4, §§4.1.1 a) & 4.1.1 b) - Anexo 1, §1													
附录30第4条,第4.1.1 a)段和 4.1.1 b)段 – 附件1,第1段													
	Пр. 30 Ст. 4, пп. 4.1.1 а) и 4.1.1 b) – Дополнение 1, п. 1												
	الفقر تان 1.1.4 أ) و 1.1.4 ب) من المادة 4 من التذييل 30 ـ الفقرة 1 من الملحق 1												
CBG		CBG29900	100550040	86 E	1.093	4.66							
CHN		ASIASAT-BSS-E2	113552027	100.5 E	0.499	0.17							
F		F-SAT-BSS-88.5E	116552017	88.5 E	12.195	11.71							
		F-SAT-E-BSS-88.5E	109552010	88.5 E	17.552	11.71							
HOL		NSS-BSS 100E	110552014	100 E	3.577	2.52							
		NSS-BSS 95E	109552012	95 E	17.728	20.78							
		NSS-BSS-G2 95E	113552009	95 E	13.657	20.67							
IND		INSAT-KUP-BSS(93.5E)	113552007	93.5 E	25.215	30.14							
KAZ		KAZSAT-BSS-30-86.5E	116552016	86.5 E	1.299	4.29							
MLA		MEASAT-83.7E-BSS	113552011	83.7 E	5.738	1.52							
		MEASAT-91.5E-BSS	111552009	91.5 E	36.379	36.22							
		MLA_100	100550143	91.5 E	26.874	36.26							
PHL		PHL28500	100550162	98 E	2.310	4.88							
PNG		PACIFISAT BSS-85.3E	116552012	85.3 E	1.343	3.51							
QAT		QATARSAT-BSS-87E	114552019	87 E	2.241	7.02							
RUS		RST-3	100550175	86 E	8.074	3.01							
SNG		SNG15100	100550185	88 E	5.191	9.31							
THA		THA14200	100550199	98 E	2.879	5.70							
USA		USABSS-29	107552003	85.15 E	4.551	2.85							

# **Regulatory and software tools used for examination**

- Regulatory provisions
  - Regions 1 & 3
    - Downlink (AP30/E)
      - Identification: § 4.1.1 of Appendix 30
      - Interference criteria: Annex 1 of Appendix 30
    - Feeder-link (AP30A/E)
      - Identification: § 4.1.1 of Appendix 30A
      - Interference criteria: Annex 1 of Appendix 30A

### BR Software tools



l Plan vs Plan (R1&3 vs R1&3)



Plan vs non-Plan Plan vs Plan (different Plan) (R1&3 vs R2)

### Frequency bands: Appendices 30/30A



### Frequency bands: Appendices 30/30A and shared used

		Allocation to Services					
	Region 1	Region 2	Region 3				
C	11.7-12.5 TERRESTRIAL BROADCASTING-SATELLITE (AP30)	<b>11.7-12.1</b> TERRESTRIAL FIXED-SATELLITE (space-Earth) (non-Plan)	11.7-12.2 TERRESTRIAL BROADCASTING-SATELLITE (AP30)				
		<b>12.1-12.2</b> FIXED-SATELLITE (space-Earth) (non-Plan)					
		12.2-12.7 TERRESTRIAL BROADCASTING-SATELLITE (AP30)	<b>12.2-12.5</b> TERRESTRIAL FIXED-SATELLITE (space-Earth) (non-Plan)				
	<b>12.5-12.7</b> FIXED-SATELLITE (space-Earth) (non-Plan) FIXED-SATELLITE (Earth-space) (non-Plan)		<b>12.5-12.7</b> TERRESTRIAL FIXED-SATELLITE (space-Earth) (non-Plan) BROADCASTING-SATELLITE (non-Plan)				
	Region 1	Region 2	Region 3				
	14.5-14.75 TERRESTRIAL FIXED-SATELLITE (Earth-space) (non-Plan) FIXED-SATELLITE (Earth-space) (AP30A)	<b>14.5-14.75</b> TERRESTRIAL FIXED-SATELLITE (Earth-space) (non-Plan)	14.75-14.8 TERRESTRIAL FIXED-SATELLITE (Earth-space) (non-Plan) FIXED-SATELLITE (Earth-space) (AP30A)				
	<b>14.75-14.8</b> TERRESTRIAL FIXED-SATELLITE (Earth-space) (AP30A)	<b>14.75-14.8</b> TERRESTRIAL FIXED-SATELLITE (Earth-space) (non-Plan)					
	<b>17.3-17.7</b> FIXED-SATELLITE (space-Earth) (non-Plan) <b>FIXED-SATELLITE (Earth-space) (AP30A)</b>	<b>17.3-17.7</b> BROADCASTING-SATELLITE (non-Plan) FIXED-SATELLITE (Earth-space) (AP30A)	17.3-17.7 FIXED-SATELLITE (Earth-space) (AP30A)				
	<b>17.7-18.1</b> TERRESTRIAL FIXED-SATELLITE (space-Earth) (non-Plan) <b>FIXED-SATELLITE (Earth-space) (AP30A)</b>	<b>17.7-17.8</b> TERRESTRIAL FIXED-SATELLITE (space-Earth) (non-Plan) <b>FIXED-SATELLITE (Earth-space) (AP30A)</b> BROADCASTING-SATELLITE (non-Plan)	17.7-18.1 TERRESTRIAL FIXED-SATELLITE (space-Earth) (non-Plan) FIXED-SATELLITE (Earth-space) (AP30A)				
		<b>17.8-18.1</b> TERRESTRIAL FIXED-SATELLITE (space-Earth) (non-Plan) FIXED-SATELLITE (Earth-space) (non-Plan)					

#### **Technical examination**

**Identification of Plan assignments** 

#### How to read examination results

# **Tec. examination: Hard Limits**

# Regions 1 & 3

#### Downlink (AP30/E)

- PFD hard limit of -103.6 dB(W/(m<sup>2</sup>·27MHz))
  - AP30 Provision: § 1 Annex 1 of Appendix 30
  - BR Software: GIBC/AP30-30A

#### Feeder-link (AP30A/E)

- PFD hard limit of -76 dB(W/(m<sup>2</sup>·27MHz))
  - AP30A Provision: § 4 Annex 1 of Appendix 30A
  - BR Software: GIBC/AP30-30A

# Tec. examination: Interference scenario & criteria

Incomin	ng assigr	nments	Existing assignments																		
Special Section	Туре	Region	Type Region		Identification provision	Interference Criteria	RR (AP30)	BR Software	Cases												
			BSS Plan	1&3	§ 4.1.1 a)	EPM, PFD, Orbital	Appay 1 Section 1	MSDACE	2												
		1&3	1&3	1&3	1&3	1&3	1&3	1&3	1&3	5 1&3	S 1&3	1&3	1&3	1&3	BSS List & Pending	1&3	§ 4.1.1 <i>b)</i>	separation	Annex I Section I	INISPACE	Э
AP30/E	AP30/E BSS 1 & 3														1&3	1&3	1&3	1&3	1&3	1&3	1&3
			Terrestrial services	All	§ 4.1.1 <i>d</i> )	PFD mask	Annex 1 Section 4	GIBC/PFD (terrest.)	2												
			Non-planned FSS, Article 2A All		§ 4.1.1 <i>e)</i>	PFD mask	Annex 1 Section 6	GIBC/PFD (space)	1, 3												



# Tec. examination: Interference scenario & criteria

Incom	ing assignm	ents	s Existing assignments						
Special Section	Туре	Region	Туре	Region	Identification provision	Interference Criteria	RR (AP30A)	BR Software	Cases
			Feeder-link Plan	1&3	§ 4.1.1 a)	EPM, Orbital	Annex 1		2
			Feeder-link List & Pending	1&3	§ 4.1.1 <i>b)</i>	separation	Section 4	MSPACE	2
AP30A/E	Feeder- link to BSS	1&3	Feeder-link Plan & Pending	2	§ 4.1.1 <i>c)</i>		An. 1 Sect. 5		1
			Non-planned FSS	2	5 4 1 1 d)	ΔΤ/Τ	Annex 1	GIBC/AP8	1
			Article 2A	All	9 4.1.1 <i>d</i> )		Section 6		1, 2





**Identification of Plan assignments** 

How to read examination results

### Identification of AP30/30A assignments in Special Sections

In which Special Sections could my AP30/30A assignments in Region 1 be identified as potentially affected?

Incoming	g assignmen	its		E	cisting assignmer	nts (AP30/30A assi	gnments affected)		
Special Section	Туре	Regio n	Туре	Region	Identification provision	Interference Criteria	RR	BR Software	Impact on EPM
AD20/E	DCC	1 8. 2	BSS Plan	1&3	§ 4.1.1 a)	EPM, PFD, Orbital	Appay 1 Section 1	MSDACE	VEC
AF50/L	635	103	BSS List & Pending	1 & 3	§ 4.1.1 b)	separation	Annex I Section I	WISPACE	
AD204 /F	Feeder-	100	Feeder-link Plan	1&3	§ 4.1.1 a)	EPM, Orbital	Annov 1 Castion 4		VEC
AP30A/E	BSS	BSS Feeder-link List & 1 & 3 § 4.1.1 b) separation		separation	Annex 1 Section 4	IVISPACE	TES		
	DCC		BSS Plan	1	§ 4.2.3 a)	DED mosk	Appay 1 Section 2		NO
	855		BSS List & Pending	1	§ 4.2.3 b)	PFD Mask	Annex 1 Section 3	GIBC/PFD (space)	NO
AP30-30A/E	Feeder-	2	Feeder-link Plan	1&3	§ 4.2.2 a)				
	link to BSS		Feeder-link List & Pending	1&3	§ 4.2.2 b)	ΔΤ/Τ	Annex 1 Section 5	GIBC/AP8	NO
AP30-30A/F/C	Down		BSS Plan		AP30#7.1	PFD	Annex 4	GIBC/PFD (space)	NO
or CR/C	Up	All	Feeder-link Plan	All	AP30A#7.1	ΔΤ/Τ	Annex 4 Section 1	GIBC/AP8	NO

✓ If one Administration does not comment on a Special Section where it has been identified as potentially affected:

- ✓ Coordination is no longer necessary with this Administration
- It accepts the potential interference created by this incoming network and it will not create harmful interference to the incoming network
- ✓ It accepts the degradation of its EPM values created by the Part A of the incoming network

### **Technical examination**

### **Identification of Plan assignments**

#### How to read examination results

#### How to read examination results: MSPACE

#### Run MSPACE and open database with SPS\_Reports

SPS\_REPORTS

Space Plans' System; Reporting Tool - SPS_REPORTs (version 8.0.0.9)  File Help  Findings/Reference Situation Database (Results of MSPACEg Analysis/Output DB)  MSPACEg Input Database with Plan's / List's Data	
Title of Analyses (from Input Database)         Description of Analyses (Given by the User)         Plan/List Code (Id.)       MSPACE g Version         Selected Analysis Version         Analysis Date/Time         Start Date/Time         End Date/Time         Applied Margin Degradation Limit (dB)         Co-polar Orbital         9.0         Limit (degrees)         9.0         Compressed Report         Graphical Report         Reference Situation / Findings Report         Show Report	<ul> <li>Compressed Report</li> <li>Summary of networks affected</li> <li>Graphical Report</li> <li>Test points affected</li> <li>Reference Situation/Findings Report</li> <li>Detailed Report</li> <li>Beams affected</li> <li>Test-points affected</li> <li>Channels affected</li> </ul>
Select Database Name with MSPACEg Output Results 15.11.2018 4:14 PM	

### How to read examination results: MSPACE

arch Unteria	( DUO			-1									– Available	Values		Lege	end		1	Original EP
riteria Used Iministrations	iistrations 6									G	-		Affec	ted	13					
ngitude minal degre	. İ												-178	-		Char	nnel		1	
am Names													DECME6	6	-	EPM. Affer	/PFD )	-4.340		Calculated I
iannels itellite													1 💌			Test	Point	17.091		
etwork Id.(s)	I												AFG_10	0		<u> </u>	PM	-7.790		
lect (or type)	crite Cha	nnols	he right (clic	k on wanted (	ones). Delete	not required	search criter	ria from the b	oxes above.				☑ Only Cha	Affected Be	ams /	Tes	t Point	-9.222		
tout sorted b	VAcministration		minal. Beam	Name, Chan	nel								Cha	nneis (o Be a	nown	P	FD	2.940		FFD excess
No value for	this test point	rence Sit	uation, max(P	FD Excess)]												Affe Test	ected t Point	2.072 9.782		
				~			Test Poir	nts' Coordina	tes (Lonaituc	le/Latitude) (	learees							•		
		TP 1	TP 2	TP 3	TP 4	TP 5	TP 6	TP 7	TP 8	TP 9	TP 10	TP 11	TP 12	TP 13	TP 14	TP 15	TP 16	TP 17 🔺	-	
n. Orb.Pos.	Beam Name	Ch. Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin	Margin		
Sat Natu	inskild i	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.	PFDexc.		Test-point
USAT-G14	148E	-29.920	0° -21.6700	· -5.8400°	• -1.9600*	-1.7800°	1.9400°	7.2300	12.3600°	13.3700°	14.9900°	16.4200	16.9500°	19.1600°	23.4900°	24.5500	24.8000	31.090		
148.00	10035868	0.4	88 8.05	3 5.031	9.717	7.749	11.387	11.239	14.788	17.427	17.851	18.058	16.693	18.690	19.228	20.789	20.826	21.7		
		9.4	9.58	5 9.730	9.149	9.383	9.096	9.560	9.256	9.696	9.687	8.579	9.442	9.048	9.385	8.828	8 8.649	8.5		
148.00	10035868	-0.1	01 7.05 83 -0.52	7 4.378 3 -0.869	9.613	-0.634	-0.780	0.030	-0.329	0.484	15.496 0.473	-1.531	15.553	-0.649	-0.003	-1.064	9 1	-1.5		
		9.4	38 9.58 98 7.05	5 9.730 7 4.378	9.149	9.383	9.096	9.560	9.256	9.696	9.687	8.579	9.442	9.048	9.385	8.828	9 19.035	8.5		
148.00	10035868	9 -2.9	82 -0.52 38 9.58	3 -0.869 5 9.730	-0.806 9.149	-0.634 9.383	-0.780 9.096	0.030 9.560	-0.329 9.256	0.484	0.473 9.687	-1.531 8.579	0.057 9.442	-0.649 9.048	-0.003 9.385	-1.064 8.828	-1.424 8.649	-1.5		
148.00	10035858	4.5	75 9.80	8 12.637	22.684	21.492	22.631	19.568	20.936	16.631	16.306	21.666	18.609	20.832	18.011	20.649	20.813	20.3		
146.00	10055666	9.4	38 9.58	5 9.730	9.149	9.383	9.096	9.560	9.256	9.696	9.687	8.579	9.442	9.048	9.385	8.828	8.649	8.5		
148.00	10035868	4.7 17 -1.1	52 9.81 36 -0.12	0 18.795 0 0.615	23.168 -0.409	22.685	22.881 -0.515	19.904 0.358	21.153 -0.203	16.640 0.526	16.314 0.501	21.703 -1.491	18.838 0.134	20.858 -0.609	18.074 0.020	20.676	20.842 -1.408	20.3		
		9.4	38 9.58 52 9.81	5 9.730 0 18.795	9.149	9.383	9.096	9.560 19.904	9.256	9.696	9.687	8.579	9.442 18.838	9.048	9.385	8.828	8.649	8.5 20.3		
148.00	10035868	21 -1.1	36 -0.12 38 9.58	0 0.615	-0.409 9.149	0.046	-0.515	0.358	-0.203	0.526	0.501	-1.491	0.134	-0.609	0.020	-1.047	7 -1.408 8 - 8.649	-1.5		
Sat.Netv	vork ld.:	172.800	0° 176.2300	• 138.7300°	178.0000°	166.9200°	107.4100°	139.6800°	114.8800°	113.7000°	101.6900°	99.0400°	77.3000°	121.3000°	105.0500°	94.4400	77.3000	127.660		
USAT-G14	148E	-42.140	0° -39.2600	° -25.2500°	-17.8700°	-15.3700°	-6.9200°	-4.0800°	-0.0900°	2.6400°	3.7000°	12.7100°	20.4900°	24.5500°	27.3800°	27.7300	29.1400	36.040		
148.00	10035869	12.8 6 -0.5	86 14.19 52 -0.48	3 2.020 2 -1.907	0 16.633	9.970 -0.045	8.906 -0.687	6.481 -0.356	11.403 -0.205	12.676 -0.169	14.830 -0.531	17.841 -0.616	19.152 -1.521	16.650 -0.015	18.349 -0.531	18.883 -0.923	19.118 -1.542	11.8 -0.3		
		9.2	33 9.25 86 14.19	4 9.546 3 2.020	9.503	9.636	9.256	9.713	9.405	9.382	9.144	9.066	8.567	9.379	9.095	8.894	8.544 19.118	9.3 11.8		
148.00	10035869	10 -0.5	52 -0.48	2 -1.907	0.001	-0.045	-0.687	-0.356	-0.205	-0.169	-0.531	-0.616	-1.521	-0.015	-0.531	-0.923	-1.542	-0.3		
		22.6	25 22.28	8 4.805	17.715	11.109	12.833	19.343	20.919	21.063	21.648	20.755	20.386	17.024	18.706	19.308	19.574	12.0		
148.00	10035869	14 -0.3 9.2	58 -0.35 33 9.25	1 -0.983 4 9.546	0.026	0.070	-0.394 9.256	0.608	0.076	0.036	-0.425 9.144	-0.580	-1.510	-0.006 9.379	-0.525 9.095	-0.918	-1.538	-0.3 9.3 Ŧ		

### How to run examination: GIBC

- Open GIBC and go to the tab Tools/Options
  - In the C:\BR\_SOFT\AP30\_30A folder, you should have:
    - The SPS\_ALL\_IFIC2913.mdb with the exported notice for the downlink (notice ID = 1) and the exported notice for the feeder-link (notice ID = 2)
    - The GIMS database grefdb2913.mdb
    - The GIMS databases of your new submission for the downlink and feeder-link
    - The SRS\_ALL database containing non-plan bands networks

grefdb2913.mdb GIBC SNS V8 - Graphical Interface for Batch Cald Appendix 30B Appendix 30 30A PFD (space serv.) PFD (terrestrial serv.) endix 7 Tools / Options NGSO Power Control Additional GIMS Databases Database Container Path R13\_BSS\_SUI\_GIMS C:\BR\_SOFT\AP30\_30A R13\_BSS\_FL\_SUI\_GIMS C:\BR\_SOFT\AP30\_30A arefdb2913 C:\BR\_SOFT\AP30\_30A Add. Clear List SRS Database Browse. Additional SRS DB Path C:\BR SOFT\AP30 30A\srs2913 part1of2.mdb Clear Connect to the SPS ALL database SPS ALL IFIC2913.mdb (containing your new

Connect to the GIMS feeder-link database of your submission, to the

GIMS downlink database of your submission and to

the GIMS database

downlink and feeder-link)

Connect to the SRS\_ALL database (unzip srs2913.zip under <u>\BRIFIC2913\Databases\SRS\_Data</u> from the USB key, and copy srs2913\_part1of2.mdb and srs2913\_part2of2.mdb under C:\BR\_SOFT\AP30\_30A, then connect to srs2913\_part1of2.mdb)

### How to run examination: GIBC/PFD (terrest.)

Go to tab PFD (terrestrial serv.)

	GIBC SNS V8 - Graphical Interface for Batch Calculations
	Appendix 30B     Appendix 30 30A     EPFD     Appendix 8       Power Control     Tools / Options     PFD NGSO       PFD (terrestrial serv.)     PFD (space serv.)     Appendix 7
	PFD with respect to terrestrial services. Start 3. Press Start
2. Introduce the notice ID	Examination Data
with 9 digist format (000000001)	Examination: Triggers 1. Select "Triggers"
	Power Control (dBW): 0 Output Level: Level 1
	"Before" Examination
	Perform "Before" Comparisons Depending on the desired
	□ Appendix 30 Art.4.1.11 level of details in the
	Previous Networks: results, we can select different output levels
	- Gias Path
	C:\BR_TEX_RESULTS\PFD\000000001 Open Folder
	t Once the everytion has
	4. Office the execution has
	to see the results
	EXIT Help

### How to read examination results: GIBC/PFD (terrest.)

- Run GIBC/PFD and open text file results (a)
  - Named "PFD\_LST"



Table tr\_provn in database batchresults.mdb will display the list of administrations/geographical areas identified as affected by GIBC/PFD (terrest.)

### How to run examination: GIBC/PFD (space)

#### Go to tab GIBC/PFD (space serv.)

1. Introduce the notice ID of the incoming downlink with 9 digist format (000000001)

GIBC SNS V8 - Graphical Interface for Batch Calculations	
Appendix 30B       Appendix 30 30A       EPFD       Appendix 8         Power Control       Tools / Options       PFD NGSO         PFD (terrestrial serv.)       PFD (space serv.)       Appendix 7         PFD with respect to other space services.       Start         Network:       000000001	
Francisco Data	2. Press Start
Power Control (dBW):     0     Findings Level:     Group	
Existing	
Check Against Existing Administration ID:	
Transaction ID: Sat. Network Symbol:	
"Before" Examination Perform "Before" Comparisons Appendix 30 Art.4.1.11	
Previous Networks:	
Files Path C:\BR_TEX_RESULTS\PXT\000000001 Open Folder	3. Once the execution has finished, open the folder to see the results
EXIT	

### How to read examination results: GIBC/PFD (space)

- Run GIBC/PFD (space) and open text file results (a)
  - Named "PXT\_LST"



- Table tr\_provn in database batchresults.mdb will display the list of administrations identified as affected by GIBC/PFD (space serv.)
- Table tr\_aff\_ntw in database batchresults.mdb will display the list of networks identified as affected by GIBC/PFD (space serv.)

### How to read examination results: GIBC/AP8

**Go to tab GIBC/Appendix 8** 

1. Select the notice ID of the incoming feeder-link (2) together with the satellite name (ITU\_SAT in this case)

GIBC SNS V8 - Graphical Interface for Batch Calculations	
Power Control       Tools / Options       PFD NGSO         PFD (terrestrial serv.)       PFD (space serv.)       Appendix 7         Appendix 30B       Appendix 30 30A       EPFD         Network       2 ITU_SAT       Start       Cancel	
(Please enter Adm/NetworkOrg below) 2. Pre	ess Start
Filtering Existing Networks         Network <ul> <li>Adm</li> <li>Year - Month - Date</li> <li> <li> <li>Message             </li> </li></li></ul>	
3. Once open th The ta conta data "all_af all th adminis	the execution has finished, be folder to see the results. ble AP8_RESULTS.MDB will ain the results. Open the base and open the table f_ntw". There we will find be affected networks and strations for the Appendix 8
View Results Report File Upen Folder Log File Databit	rference criteria (d171)
Version 1.0.0.0 Appendix 8 View Notes	
EXIT Help	