TUWRS **GENEVA2024**

2-6 December 2024 Geneva, Switzerland





RESOLUTION 35

A milestone-based approach for the implementation of frequency assignments to space stations in a non-geostationary satellite system in specific frequency bands and services

Xueling Zhang Space Services Department, BR, ITU

2-6 December 2024, Geneva, Switzerland



RESOLUTION 35 (REV. WRC-23)

A MILESTONE-BASED DEPLOYMENT APPROACH

Coordination Mechanisms Spectrum Warehousing NGSO system Deployment Operational Requirements

RESOLUTION 35 (REV. WRC-23)



Applies to **NGSO** satellite systems:

- Brought into use under No. **11.44C** (FSS, MSS, BSS)
- In the frequency bands and services defined in *resolves 1* of RES35



RESOLUTION 35 (REV. WRC-23) TABLE

Frequency bands and services for application of the milestone-based approach (Services Regions is not shown)

RESOLUTION 35 (REV. WRC-23) Space stations deployed At least one 10 % 100 % 50 % space station M0 M2 BIU M1 M3 7-year 2 years 5 years 7 years limit Time

RESOLUTION 35 (REV. WRC-23) Timeframe



WRS

RESOLUTION 35 (REV. WRC-23) Annex 1



Deployment information to submit

Satellite system information

- Name of the satellite system
- Notifying administration
- Milestone

Launch information

- Launch date
- Launch country
- Facility name
- Launch provider
- Launch vehicle

Space station characteristics

- ITU sat id
- Station name
- Apogee
- Perigee
- Inclination
- Argument of perigee

Frequency bands

- Frequency minimum
- Frequency maximum

RESOLUTION 35 (REV. WRC-23) Not met



Satellite(s) not submitted in any milestone as required



The **penalty** on the number of satellites: M1: \leq 10 times of deployed number M2: \leq 2 time of deployed number M3: \leq deployed number

Notified **1500** satellites in total Required **150** in Milestone 1 (10%) Submit only **100** in M1 submission

The penalty: Modify the notification to **1000** satellites

Rule of Procedure:

E.g.

All orbital planes (no satellite) - to be suppressed from the notice.

Any beams and groups of frequency assignments solely associated with such orbital planes / satellites - to be suppressed.

RESOLUTION 35 (REV. WRC-23) Not met



In case failure to meet a Milestone, Submit modification of notification.

The modifications are limited to:

- reduction of the number of orbital planes (Appendix 4 data item A.4.b.2)
- modifications to the longitude of the ascending node (Appendix 4 data item A.4.b.4.j) associated with the remaining orbital planes
- reduction of the number of space stations per plane (Appendix 4 data item A.4.b.4.b)
- modifications of the **initial phase angle** of the space stations (Appendix **4** data item A.4.b.4.h) within planes
- **a commitment** stating that the characteristics as modified will not cause more interference or require more protection than the characteristics provided in the latest notification information published in Part I-S of the BR IFIC for the frequency assignments (see Appendix **4** data item A.23.a)

In case of **not met** milestone, and modification of notification **not** submitted



a symbol -> "Remarks" not in compliance with RES 35

similar to a recording with a request for the application of No. 4.4

(See Rule of Procedure)

RESOLUTION 35 (REV. WRC-23) Capture



From 2025, RES35 online capture will be replaced by **BrSis Capture**:



In BrSis Capture, two ways to capture:

- From scratch
- By uploading an XML file



RES35 mdb file in SNS database structure Ready for submission

RESOLUTION 35 (REV. WRC-23) Submission -

Submit database and other files through e-Submission:

AsReceived Published in BR IFIC User	Log Email template Help
New All Filings Comments Withdrawais	Archived Archived comments Missing in Documentum
Submission of Satellite network filings captured in electronic format (mdb) Please click on the icon corresponding to your submission.	and all relevant attachments.
Note: New Decisions of WRC-23 Administrations submitting the notice should verify themselves on which with the new decisions made by the WRC-23.	additional data items are required for their specific notice in accordance
If any required information is missing, the notice might be considered to established when the complete information is received.	be incomplete, and a new formal date of receipt of the notice will be
Contains text	
API and Coordination	Broadcasting Satellite Service (AP30/30A)
API CRC	APOSOSA Petta Patta APOSOSA APOSOSA Petta APOSOSA
Notification	Space Operation Functions supporting BSS (AP30/30A)
Space Station Stations Read- metedon	Arbonsta Arbonsta Arbonsta Holficulion
Due Diligence	Fixed Satellite Service (AP30B)
X, Ren45502	XX XX XX XX A2008 A2008 A2008 A2008 A2008 A2008 A2008 A2008
Spacecom Comments	
Standom Commenta	
Other non-standard filing Dep	loyment Info of NGSO Space Stations
12 Others or	

This page is for the submission of the filings only. To capture the filing, kindly make use of BR space software available here. For all other comment files other than SpaceCom comment files, please send them via email or telefax .

Upload RES 35 for Validation

- All users are strongly requested to use Space Software v10 and submit notice in v10
- The system only accepts uploaded filings in SNSv10format.
- Please don't forget to upload files before submitting for validation.
- · Click the '+' button to upload other than SNS file.

SNS(MDB) : MDB file with Notice Data *		
Browse		Upload
Other : Other relevant documents		
Browse		O Upload
*Attachments in "other" fields are for informat	on only and should relate to MDB files	
	+ Add additional documents or drag files here	Upload All
		Submit for Validation
-		
ployment Info of NGS	O Space Stations	



RESOLUTION 35 (REV. WRC-23) Information



PUBLICATION (BRIFIC)

RES35 special section publication of the BRIFIC



SRS DATABASE (BRIFIC)

SRS database tables: grp_res35, res35_deploy res35_sp_stn, res35_launch res35_freq, res35_sp_stn_deploy



SPACE SERVICES WEBPAGE

RES35 webpage Resolution 35 - Space network list

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

Liste des groupes figurant dans la notification qui font l'objet de la présente soumission en vertu de la Résolution 35

List of groups in the notification subject to this Resolution 35 submission

Lista de grupos de la notificación sujetos a la presente comunicación de la Resolución 35

需根据第35号决议提交资料的通知中的组清单

список групп, указанных в заявлении, к которым применяется настоящее представление в соответствии с Резолюцией 35

قائمة المجموعات الواردة في التبليغ والتي تخضع لتقديم المعلومات وفقاً للقرار 35

Act_ BR6a/E code Id ne	b B1a Beam designation	BR6a e Id	B2 Emi_ Rcp	B7a Group id.	BR47 Frequency band (MHz)	A2a Date of bringing into use	BR105 Current Milestone	BR110 Expiry of the milestone period	BR106 Milestone criteria met	BR107 Expiry of the next milestone period
M 116500	2 R1R	1165	R	116612731	27628 - 28400	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500	2 R1R	1165	R	116612733	27628 - 28400	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500	2 R1R	1165	R	116612735	27628 - 28400	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500	2 R1R	1165	R	119616668	28600 - 29075	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500	2 R1R	1165	R	119616669	28600 - 29075	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500	2 R1R	1165	R	119616670	28600 - 29075	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500	2 R2R	1165	R	116612737	27628 - 28400	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500	2 R2R	1165	R	116612739	27628 - 28400	06.02.2016	M1	01.01.2023	Y	01.01.2026
M 116500 M 116500 M 116500 M 116500 M 116500 M 116500 M 116500	2 R1R 2 R1R 2 R1R 2 R2R 2 R2R	1165 1165 1165 1165 1165 1165	R R R R R	119616668 119616669 119616670 116612737 116612739	28600 - 29075 28600 - 29075 28600 - 29075 27628 - 28400 27628 - 28400	06.02.2016 06.02.2016 06.02.2016 06.02.2016 06.02.2016	M1 M1 M1 M1 M1 M1	01.01.2023 01.01.2023 01.01.2023 01.01.2023 01.01.2023	Y Y Y Y Y	01 01 01 01 01 01

Display all groups of the SNS notification.

The action code M indicates this group is submitted under this submission.

الجدول II / Tableau II / Table II / Cuadro II / 表二 / Таблица II / II الجدول II / Tableau II / Таблица II / II

Liste des plans orbitaux figurant dans la notification et stations spatiales déployées correspondantes

List of the orbital planes in the notification and corresponding deployed space stations

Lista de los planos orbitales en la notificación y las correspondientes estaciones espaciales desplegadas

在通知和对应的已部署空间电台中的轨道平面清单

список орбитальных плоскостей, указанных в заявлении, и соответствующих развернутых космических станций

	DATA FROM THE RES 35 SUBMISSION						
BR6a/BR6b Id no.	BR6a/BR6bBR93A4b4aA4b4dA4b4eA4b4iA4b4iId no.Orbital plane id no.Inclination angleApogeePerigeeArg. of perigeeN						BR111 Number of space stations deployed in this plane
116500032	1	0	8062	8062	0	24	2
BR112 Total n	2						

قائمة المستويات المدارية الواردة في التبليغ والمحطات الفضائية المقابلة التي نُشرت

Display all orbital planes of the SNS Notification and total number of deployed space stations.

Tableau III / Table III / Cuadro III / 表三 / Таблица III / III / الجدول ااا / Тавеаи III / Таве и на с

Déploiement du système à satellites par bande de fréquences

Satellite system deployment by frequency band

Despliegue del sistema de satélites por banda de frecuencias

按频段列出的卫星系统

развертывание космических систем по полосе частот

نشر الأنظمة الساتلية بحسب نطاق التردد

BR114 Frequency band			BD118	BD119	BR130	BD121	
BR117 ID of the frequency band	BR115 Freq min (MHz)	BR116 Freq max (MHz)	Number of space stations notified by frequency bandNumber of space stations deployed by frequency band		Minimum number of deployed space stations to meet the current Milestone	Milestone / met (YES/NO)	
1	17828	18600	24	2	2	M1 / YES	
2	18800	19275	24	2	2	M1 / YES	
3	27628	28400	24	2	2	M1 / YES	
4	28600	29075	24	2	2	M1 / YES	

Display the deployment in all the frequency bands and indicate if the Milestone has been reached.

	Tableau IV / Table IV / Cuadro IV / 表四 / Таблица IV / IV الجدول									
Renseignements concernant le lancement pour les stations spatiales déployées										
		Launch information for the deploy	ed space stations							
	Información sobre el lanzamiento de las estaciones espaciales desplegadas 已部署空间电台的发射信息									
	информация о запуске для развернутых космических станций									
المعلومات الخاصة بالإطلاق فيما يتعلق بالمحطات الفضائية التي نُشرت										

BR122 ID of the launch	BR34 Name of the launch vehicle provider	BR35 Name of the launch vehicle	BR38 Name of the Iaunch facility	BR39 Country/location	BR Geographica	40 I coordinates	BR91 Launch date
1	ARIANESPACE	SOYUZ	KOUROU	GUF	052W43 48	005N12 00	18.12.2014

Display the launch information for the deployed stations.

Tableau V / Table V / Cuadro V / 表五 / Таблица V / V الجدول

Characteristics of the deployed space stations

Caractéristiques des stations spatiales déployées

Características de las estaciones espaciales desplegadas

已部署空间电台的特性

характеристики развернутых космических станций

خصائص المحطات الفضائية التي نُشرت

BR123 BR122		BR124	BR93 Orbital plana		BR129 (Orbital characterist	ics	BR117 ID of the frequency band (see Table III)
space station launch	space station	number	BR125 Apogee	BR126 Perigee	BR127 Inclination angle	BR128 Arg. of perigee		
1	1	FM-9	1	8062	8062	0.00	0	1,2,3,4
2	1	FM-10	1	8062	8062	0.00	0	1,2,3,4



BR114 Frequency band									
BR117 ID of the frequency band	BR115 Freq min (MHz)	BR116 Freq max (MHz)							
1	17828	18600							
2	18800	19275							
3	27628	28400							
4	28600	29075							

BR117: indicates the frequency bands on-board the space stations with reference to the deployed frequency bands in table III.

RESOLUTION 35 (REV. WRC-23) Webpage



Committed to connecting the world +++++++ LT.Y.WRS TU Join ITU Resolution 35 (REV. WRC-23) AVARENERS ITU > HOME > ITU-R > SPACE SERVICES The Resolution 35 (REV, WRC-23) defines a milestone-based approach for the implement a non-geostationary-satelike system in specific frequency bands and services ce Services Department This Resolution applies to frequency assignments to non-GSO systems brought into use in accordance with Nos. 11.44 and 11.44C, in the frequency bands and for the services listed in the table of this Resolution The notifying administration should submit deployment information at four stage ipace Support M0 = initial decloyment information under Resolve 2 and 3 BR IFIC M1= 1st milestone, decloyment information under Resolve 7, a and 8, a watace. MO= 2nd milestone, deployment information under Resolve 7.b and 8.3 Cost Recovery MO= 3rd milestone, deployment information under Resolve 7.c and 8. on-GSO satalite net Vore information can be found in the Circular Letter 475 ipace Plans Setellite systems subject to Resolution 35 (WRC-19) bases and Services elite systems subject to the Resolution 35 (REV. WRC-23) and published in PART HS, PART HS or PART HS of the BRIFIC are listed in the Resolution 35 (REV, WRC-19) - Space network li For each of these schellife systems, the list displays its status related to the different milestones defined in Resolution 35 (RDV, WRC-23) with a link to the publication if available. Submission of Resolution 35 fillings. The deployment information shall be submitted using the e-Submission system with the Res 35 online capture tool or by uploading a XML file the relevant format. LOG IN Current version of the module for ResDS allows only Administration users to capture and submit the information on Res 25. Operation users can not access the function on Res 35 now. s can capture online the deployement information with the Res.35 online capture tool or capture it offline and import an XML Se, through the two new icons in the e-Submission system under "Submissions" tab, New tab and NGSO Deployement Mile Publication of Resolution 35 Special sections and database As required under resolved Sail and 10a) of Resolution 35 (REV, WRC-23), upon resolut of the required deployment information, the w will make this information available "As received" on the ewtern. The information made available thereto include the XML, MDB format of the submission, a report in PDF format, as well as any letter that accompanied the submission The RESUS Special sections are published on the BR IFIC (Space services) and on the SN, online system The database containing the RES 35 information published in the BR IFIC is available online: SRS-RES35 alp 🔍 with the file describing the format 🛍 RESSS publication RES33 submission Guide to submit RES 35 information 10 DEG 15 As received within the RES 35 Special Sections in PDR Guide to coaste a DCS 15 VMI file 10 Dabibasa SRS-RES15.zb 🗮 RES 35 - Space Network List E-submission user support 85555 information If you have questions or any difficulties on the system, please Resolution 35 (REV. WRC-23) contact helpdeak (email: spacehelp@tu.int) or the hotline (telephone +41 22 730 6777, from 09:00 to 17:00 hours, RES 15 timetrame 💯 General Street. RES 35 frequency bands table 10 E-submission User Support page Circular Letter 475 E-submission FAQ page FOLLOW US 💥 🗗 🛄 🚥 in 🔘 🔤 🚺 🔂

RES35 Main page:

Submission/ Publications/ Support / Information https://www.itu.int/en/ITU-R/space/Pages/res35main.aspx

Resolution 35 – Space network list

https://www.itu.int/net/ITU-R/space/res35/index.html

								About	ITU Radiocomm	unication Standardiza	ion Developm
(t)				Resolution 3	5 (REV. WRC	-23) Space Ne	etwork List				
u are here ITU > ITU-R > Space Serv	vices > NGS	O > RES35									
e Resolution 35 (REV. WRC-23) defines solution 35 (REV. WRC-23). Here is the	a milestone-t explanation.	ased approach for the imple	mentation of frequency	assignments to space stations in a non-ge	ostationary-satellite system in	specific frequency bands and se	rvices. This webpage displays	the list of all satellite systems n	otified to the Bureau, publish	ed in PART I-S, PART II-S, PART III-	S of the BRIFIC and subj
Satellite Name		Administration									± •
Satellite Name	÷	ADM 🕀	IG SO	7 year limit / 01.01.2021 🗘	мо	M1	M2	M3	Resolves 19	No. of notified space stations	No. of deploy space station
3ECOM-1		LIE		10.06.2021	Met	Not Met, resolves 12 applies	10.06.2026	10.06.2028		288	1
SECOM-3		LIE		18.09.2021	Met	Not Met, resolves 12 applies	18.09.2026	18.09.2028		288	1
AST-NG-NC-QV		F		10.08.2023	Met	10.08.2025	10.08.2028	10.08.2030		5538	1
C-SAT-LEO		CHN		11.02.2026	11.02.2026	11.02.2028	11.02.2031	11.02.2033		1728	
COMMSTELLATION		CAN		01.01.2021	Met	Not Met	01.01.2026	01.01.2028		118	1
GLONASS-M		RUS		03.02.2027	03.02.2027	03.02.2029	03.02.2032	03.02.2034		24	
GW		CHN		30.01.2026	30.01.2026	30.01.2028	30.01.2031	30.01.2033		864	
HIBLEO-2FL		USA		01.01.2021				Met		66	75
HIBLEO-2FL2		USA		01.01.2021				Met		66	75
HIBLEO-2FL2		USA		29.07.2021				Met		66	75
LS		G		01.01.2021	Met	Met	01.01.2026	01.01.2028		2692	279
L5		G		18.07.2021	Met	Met	18.07.2026	18.07.2028		2692	279
MCSAT LEO		F		01.01.2021	Met	Met	01.01.2026	01.01.2028		774	77
MCSAT-2 HEO		F		29.01.2021	Met	Not Met	29.01.2026	29.01.2028		48	4
MULTUS		CAN		28.06.2023	As Received	28.06.2025	28.06.2028	28.06.2030		80	
03B-A		G		01.01.2021	Met	Met	01.01.2026	01.01.2028		24	2
O3B-B		G		01.01.2021	Met	Met	01.01.2026	01.01.2028		24	2
03B-C		G		02.09.2021	Met	Not Met	02.09.2026	02.09.2028		40	4
SKY.E		PUS		05 10 2022	Mat	05 10 2024	05 10 2027	05 10 2029		24	



Resolution 35 (REV. WRC-23) Space Network List

You are here ITU > ITU-R > Space Services > NGSO > RES35

The Resolution **35** (**REV. WRC-23**) defines a milestone-based approach for the implementation of frequency assignments to space stations in a non-geostationary-satellite system in specific frequency bands and services. This webpage displays the list of all satellite systems notified to the Bureau, published in PART I-S, PART II-S, PART II-S of the BRIFIC and subject to Resolution **35** (**REV. WRC-23**). Here is the explanation.

Satellite Name	•	Administration								
Satellite 🔶 Name	ADM 🌲	IGSO	7 year limit / 01.01.2021	мо	M1	M2	M3	Resolves 19	No. of notified space stations	No. of deployed space stations
C-SAT-LEO	CHN		11.02.2026	11.02.2026	11.02.2028	11.02.2031	11.02.2033		1728	
USASAT-NGSO-3B-R	USA		01.01.2024	As Received	01.01.2026	01.01.2029	01.01.2031		1584	
AST-NG-NC-QV	F		10.08.2023	Met	10.08.2025	10.08.2028	10.08.2030		5538	1
COMMSTELLATION	CAN		01.01.2021	Met	Not Met	01.01.2026	01.01.2028		118	1
MCSAT LEO	F		01.01.2021	Met	Met	01.01.2026	01.01.2028		774	77
USCSID-P	USA		01.01.2021				Met		8	8



RESOLUTION 8

Tolerances for certain orbital characteristics of space stations deployed as part of non-geostationary-satellite orbit systems in the fixed satellite, broadcasting-satellite or mobile-satellite service

Xueling Zhang Space Services Department, BR, ITU

2-6 December 2024, Geneva, Switzerland



ORBITAL TOLERANCE OF NGSO SYSTEM

eccentricity < 0.5 apogee altitude < 15 000 km RES35 NGSO systems no more interference despite deviation

orbital deviations notified vs. operational

transparent approach



a) With explanation of differences (*Resolves* 6):

NGSO Notified Altitude (Alt)	≤ 2000 km	Δ Apogee/Perigee = \pm 70 km	Inclination Angle ≤ 2 ^o		
	>2000 km	Δ Apogee/Perigee = \pm 5%	Inclination Angle ≤ 3 ^o		
b) With explanation of difference	es + technical demonst	tration of no higher interference (<i>Resolves</i> 7)	:		
NGSO Notified Altitude (Alt)	≤ 2000 km	Δ Apogee/Perigee = \pm 70 to 100 km	Inclination Angle between 2 to 3 ^o		
	> 2000 km	Δ Apogee/Perigee = \pm 5 to 10 %	Inclination Angle between 3 to 4 ^o		
c) Notifying Adm. shall submit N	10D of notification to E	BR if (<i>Resolves</i> 9):			
NGSO Notified Altitude (Alt)	≤ 2000 km	Δ Apogee/Perigee > 100 km	Inclination Angle > 3 ^o		
	> 2000 km	Δ Apogee/Perigee > 10 %	Inclination Angle > 4º		
Phase 2 (maintenance):					
Difference with previously decla	red (Resolves 11)				
NGSO Notified Altitude (Alt)	≤ 2000 km	Δ Apogee/Perigee = \pm 30 km	Inclination Angle ≤ 2 ^o		
	> 2000 km	Δ Apogee/Perigee = \pm 30 km	Inclination Angle ≤ 3 ^o		
Tolerances shall not be exceeded	d more than 60 consec	utive dates (Resolves 12)			
Possibility to request discontinu	ity for 3 years (Resolve	s 14)	www.itu.int/wrs-24	22	

WRS



Example of NGSO Notified Altitude (Alt) ≤ 2000 km (assuming notified apogee = perigee = 600km)





In response to the *instructs to the Radiocommunication Bureau* of Resolution **8 (WRC-23),** the BR implemented the ITU_sat_id in the Phase table of SNS database structure.

Table	Field	Description
phase	ntc_id	of SNS
	orb_id	
	orb_sat_id	
	phase_ang	deg
	act_code	A/M/S
	itu_sat_id	<pre>[ntc_id] [orb_id] [orb_sat_id], Example: 124500001_1_1 (only in Notification)</pre>
	f_res8	Y/N
	d_discontinued	dd.mm.yyyy

It is needed in RES8 and RES35 submission.

In some special cases, if RES8 submitted at the same time with Notification notice, the itu_sat_id will be set temporary.

RESOLUTION 8 (WRC-23) Annex 1



Orbital tolerance information to submit

Satellite system information

- Name of the satellite system
- Notifying administration



Orbital characteristics of each space station

- ITU sat id
- Station name
- the initial phase angle in the orbital plane
- Observed distance to the apogee
- Observed distance to the perigee
- Observed angle of inclination

RESOLUTION 8 (WRC-23) Timeframe





RESOLUTION 8 (WRC-23) Capture



From 2025, RES8 capture will be available by **BrSis Capture :**



In BrSis Capture, three ways to capture:

- From scratch
- Based on a notification database
- By uploading an XML file



RES8 mdb file in SNS database structure Ready for submission

RESOLUTION 8 (WRC-23) Submission



Submit database, attachments and other files through e-Submission:

Home Submissions AsReceived Publishe	d In BR IFIC Users	Log	Emall template	Help		
New All Filings Comments	Withdrawais	Archived	Archived comme	nts Missing in D	ocumentum	
bmission of Satellite network filings captured in ele ase click on the icon corresponding to your subm	ectronic format (mdb) an ssion.	d all relevant atta	achments.			
Note: New Decisions of WRC-23 Administrations submitting the notice should verify with the new decisions made by the WRC-23.	themselves on which a	dditional data iter	ms are required t	or their specific	notice in acc	ordance
If any required information is missing, the notice n established when the complete information is rece	ight be considered to be ived.	incomplete, and	d a new formal d	ate of receipt of	the notice wi	lbe
Contains text						Q
Pl and Coordination		Broadcastin	g Satellite Se	vice (AP30/	30A)	
нобли Ам Спос		APS0/S0A Part A	AP30/S0A Part B	AP30 Res	50A 19	AP30/30A Notification
otification		Space Operation Functions supporting BSS (AP30/30A)				
Space Earth Station	Riselon	AP30/30A Article 2A	Article 2A Notification			
ue Diligence		Fixed Satelli	ite Service (Al	°30B)		
5% 886451552		AP30B AGA	AP30B A6B	APS	× 5 15	AP30B Notification
pacecom Comments						
Secondaria						
ther non-standard filing	Deplo	yment Info o	f NGSO Spac	e Stations		
Cithers	RES 8	A A	ES 35			

RES 8 for Validation Upload · All users are strongly requested to use Space Software v10 and submit notice in v10 The system only accepts uploaded filings in SNSv10format. Please don't forget to upload files before submitting for validation. · Click the '+' button to upload other than SNS file. SNS(MDB) : MDB file with Notice Data * Browse. Attachment(s): explanation or technical demonstration (if applicable) 1 Browse 1 Other : Other relevant documents Browse. *Attachments in "other" fields are for information only and should relate to MDB files Add additional documents or drag files here Submit for Validation

Deployment Info of NGSO Space Stations





RESOLUTION 8 (WRC-23) Information





PUBLICATION (BRIFIC)

RES8 Note In PART II-S / RES35 special section publication of the BRIFIC



SRS DATABASE (BRIFIC)

SRS database tables: phase, res8_sp_stn



SPACE SERVICES WEBPAGE

RES8 webpage Resolution 8 - Space network list



Resolution 8 – Space network list

You are here ITU > ITU-R > Space Services > NGSO > RES8

The <u>Resolution 8 (WRC-23)</u> defines tolerances for certain orbital characteristics of space stations deployed as part of nongeostationary-satellite orbit systems in the fixed satellite, broadcasting-satellite or mobile-satellite services. This webpage displays the list of all satellite systems notified to the Bureau, published in PART I-S, PART II-S, PART III-S of the BRIFIC and subject to Resolution 8 (WRC-23). Here is the <u>explanation</u>.

Satellite Name	ADM	IGSO	d_rcv	Submitted With	RES8 notice ID Submission Report	Attachments for Resolves 6 or 7	Subject to Resolution 8 Resolves
SAT1	ADM1		01.01.2025	BIU	<u>1255XX001</u>		
SAT2	ADM2		01.03.2025	BBIU	<u>1255XX002</u>	<u>Attachment</u>	Resolves 6
SAT3	ADM3		01.07.2025	RES35(M1)	<u>1255XX004</u>	<u>Attachment</u>	Resolves 7
SAT4	ADM4		01.07.2025	RES35(M0)	<u>1255XX005</u>	<u>Attachment</u>	Resolves 9



Thank you!

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