

Satellite Interference Reporting and Resolution System

Quick Guide to submit a Report and Responses

V 0.3 (09.02.18)

Creating and Submitting a New Report of Harmful Interference

Once you are logged-in, go to "New Report" and enter the information describing the case. It consists of 4 steps as described below:

	Satellite Interference Re	porting and Res	olution System	(SIRRS)			ciccoros ITU		
A Home	Reports New report	Malibox	Users	Log			HUManager		
Create Ne	w Interference Report							_	
	Back to drafts				Save draf	t			
	*mandatory element								
	Report information				Ref.: Not	applied			
	Title:								
	Ref. Administration:	ITU							
	Stations Causing Inter	ference							
		+	Add Station						
			-				1	1) Station Causing Interference	
	Stations Interfered Wi	th		-					
	Interfering Scenario:	Uplink	~				2	2) Interference Scenario	
	Station type	Earth						(Uplink, Downlink, RAS, EESS-	۲.
								Station Interfored with)
	Station type Direction	Space RX	> Geo stationary					Station interfered with.	
	Frequency Assignment	ts							
		+ Ad	frequency assigned	nent					
							▶3	Affected Frequency Assignment	t(s)
	Upload documents								
	Letter from Affected Adm	Inistration:							
	Browse				Upload	d	- 4	4) Upload Documents:	
	Interference Signal Geolo	scation Plot:						-Correspondences	
	Browse				Upload	d		-Scan Plot	
	Interfered and Interfering	Signal Scan Plots:							
	Browse				Upload	d		-Other Forms, Graphs, Analysis	, etc
	Information on Passive S	ensors-EE\$\$ (REC IT)	J-R R S.[RFI-SEN SOR	_REPORTING]):				-into on Passive Sensors in the	or
	Browse	-	-		Upload	đ		apy future PEC providing	01
		+ A	dd additional docume	ent				supplementary information.	

When you click on "Add Station Causing Interference" a new window will pop-up. Fill-in the appropriate parameters and press "Save".

	0				
Characteristics					
Station type:*	Space > Geo station	ary 🔻	Unknown		
Name :	BRASILSAT-B4		I		
Class of Station [g]:	EC				
Location [h] Orbital Longitude:* -84			Unknown		
Administration(s) ha	aving jurisdiction		Unknown		
Associated Itu Satell	ite Name(s) [a]				
+ B-SA	T-W	► 💼	Unknown		
Measured Character	istics:				
Frequencies [b]:	4.100		GHz 🔻		
Class of Emission [c]:	3M00G7W				
Bandwidth [d]:	3.1	3.1 MHz •			
Field Strength or Power FI Density of Wanted carrier [ux e]: -150 dBW/H	-150 dBW/Hz/m2			
Polarization [f]:	LHCP	LHCP			
Additional informat	ion				

+ Add Station Causing Interference

Date and Time (UTC) of Interference [b,s,e]:*

Nature of interference [u]:

01-12-2016 05:04 PM		
Adjacent Satellite	•	

Facility which made the above measurements [i,p]:

Select the "Interference scenario", enter the parameters associated to the " stations interfered with" and " save".

terfering Scenario:	Downlink
Station type	Space > Geo stationary
Direction	TX
Station type	Earth
Direction	RX
Characteristics Station type:	Geo-stationary satellite
Name [j]:	ARSAT-2
Associated Administration:	ARG
Associated ITU Satellite Name:	NAHUEL-F
Location [r]	2
Orbital Longitude:	and the first the
-81	

X Cancel

Save 🗸

+ Add Station Interfered With

haracteristics	
Name [g,t]:	Buenos Aires
Associated Administration:	ARG
Location [r]	
Longitude:	
-58.2563	
Latitude:	when it is a little
-35.3256	State of the
	Google

Next, enter the characteristics of the "Affected Frequency Assignment" and "Save":

Assigned frequency [h, l]: 4.110 GHz v Bandwidth [n]: 36 MHz v Polarization [w]: LHCP v Nature of Service Fixed Satellite - FSS Ŧ Class of emission [m]: 36M0G7W Field Strength or Power Flux -156 dbW/Hz/m2 Density of Wanted carrier [e]: X Cancel Save

+ Add Affected Frequency Assignement

Finally, upload your letter as Affected Administration (mandatory) together with any other supplementary information (optional) and press "Save draft and continue " Please note that you have the possibility to enter some "Remarks" as well as "Direct Contact Details" of a person dealing with the case in order to describe better the incident and to facilitate the identification and resolution of the interference.

tter from Affected Administration	:			
Browse				Uploa
terference Signal Geolocation Plo	t:			
Browse				Uploa
terfered and Interfering Signal Sca	an Ple	ots:		
Browse				Uploa
		Add additional documer	nt	
Open	nts b (nt ▼ ↓↓ Search Fiema	
© Open ⓒ ♥ 🔐 « System (C:) ▸ Docume Organize マ New folder	nts > S	Add additional documer	 ↓ 4→ Search Ejemp 	
Open Image: Comparison of the system Organize ▼ New folder Image: Comparison of the system <	ents > S	Add additional documer	▼ €y Search Ejemp Date modified	sla ♪ BE ▼ □ 0 Type
© Open ⓒ ◯ ♥ 🔒 « System (C:) → Docume Organize ▼ New folder ☑ Videos ↓ Computer	nts ► S	Add additional documer	▼ €y) Search Ejemp Date modified 29.11.2016 14:58	sla ⊅ ∃≣ ♥ □ ♥ Type File folder
© Open ⓒ ◯ ♥ 🕌 « System (C:) → Docume Organize ▼ New folder ☑ Videos I Computer ≧ System (C:)	ents > S	Add additional documer	 ▼ ≤y Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 13.16.45 	Star → C Star → C Star → C Type File folder Microsoft Word D
© Open ⓒ ◯ ♥ 🕌 « System (C:) → Docume Organize ▼ New folder ☑ Videos I Computer ≧ System (C:) ≧ Skecycle.Bin	ints > S	Add additional documer	 ▼ ≤y Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06 15:13 	Da
© Open ⓒ Open Organize ▼ New folder ♥ Videos ♥ Computer ⓒ System (C:) ⓒ Skecycle.Bin ⓒ S556d68dee4f706bebe41583bba3	nts ► S	Add additional documer	▼ ★y Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06.2015 12:23 17.11 2016 16:45	to Type File folder Microsoft Word D Adobe Acrobat D Microsoft Word D
© Open ⓒ Open ⓒ ♥	ents ► S	Add additional documer	 ▼ ≤y Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06.2015 12:23 17.11.2016 16:04 17.11.2016 15:17 	Zero Alexandrian Series Constraints Series Constraints
 Open ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	nts → S	Add additional documer	 ▼ ≤y Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06.2015 12:23 17.11.2016 15:01 17.11.2016 15:17 20.02.2013 17:25 	Image: Second
 Open ✓ Open ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	E	Add additional documer	 ✓ 4→ Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06.2015 12:23 17.11.2016 16:04 17.11.2016 15:17 20.02.2013 17:25 	Type File folder Microsoft Word D Adobe Acrobat D Microsoft Word D Adobe Acrobat D Microsoft Word D Microsoft Excel W
 Open ✓ Open ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		Add additional documer	 ✓ 4→ Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06.2015 12:23 17.11.2016 16:04 17.11.2016 15:17 20.02.2013 17:25 	Type File folder Microsoft Word D Adobe Acrobat D Microsoft Word D Adobe Acrobat D Microsoft Excel W
© Open Corganize ▼ New folder Videos Videos Videos Videos System (C:) System (C:) Syste		Add additional documer	 ✓ 4→ Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06.2015 12:23 17.11.2016 16:04 17.11.2016 15:17 20.02.2013 17:25 	ID Type File folder Microsoft Word D Adobe Acrobat D Adobe Acrobat D Adobe Acrobat D Microsoft Excel W
Open Open System (C:) ► Docume Organize ▼ New folder Videos Videos Videos System (C:) SRecycle.Bin S556d68dee47706be641583bba3 AdwCleaner ALLRESULTS APP8RESULTS BATCHRESULTS BATCHRESULTS BR_DMS BR_DMS BR_OMS BR_OFT BR_TEX_RESULTS CA_APPSW Config.Msi Documents SIRRS Project Ejemplo SIRRS Project		Add additional documer	 ✓ 4y Search Ejemp Date modified 29.11.2016 14:58 22.02.2013 18:45 17.11.2016 15:13 16.06.2015 12:23 17.11.2016 16:04 17.11.2016 15:17 20.02.2013 17:25 	ID Type File folder Microsoft Word D Adobe Acrobat D Adobe Acrobat D Microsoft Excel W

Your report has now been created and a reference Number has been assigned. You need to refer to this Case ID for future treatment.

The last step is to select the "Action" you are requesting and press "Approve and Submit"



Now the Administrations and Bureau have been informed according to your request and the report has been recorded in the ITU SIRRS Registry.

	Iministration:	
Browse		Upload
Interference Signal Geo	plocation Plot:	
Browse		Upload
DIOWSE		
Information on Passivo	Sansore EESS (DEC ITH D DS 2106 0);	
Information on Passive Browse	Sensors-EESS (REC ITU-R RS. 2106-0):	Upload

Generating and submitting a report concerning interference to Earth Exploration Satellite Service (passive sensors)

Go to Create " New Report"

In the Section "Stations Interfered with", select "Passive Sensors-EESS" from the "Interfering

Scenario" drop-down menu.

Then Edit, filled-in the appropriate parameters and save this section:

terfering Scenario:	Passive Sensors - EESS V	
Station type	Space > Non-geo stationary	
Direction	RX	
Name	SMOS	
Administration	F	
Associated ITU name	SMOS	

Complete the sections concerning Station Causing Interference and Affected Frequency

Assignment . An example is shown below:

+ Add Station Causing Interference

Characteristics

Station type:*	Other	v	Unknown
Custom station type:*	Terrestrial Radars		
Name :[a]			
Class of Station [g]:			

Location [h]



Administration(s) having jurisdiction

+	SUI	~	â	Unknown
Measured Charac	cteristics:			
Frequencies [b]:*	+ 1413	.5	MHz	Ŧ
Class of Emission [c]:				
Bandwidth [d]:	27			MHz •
Field Strength or Powe Density of Interfering C	er Flux Carrier [e]			
Polarization [f]:	Oth	er		•

Additional information

Date and Time (UTC) of Interference [b,s,e]:*	22-01-2018 12:00 AM
Nature of interference [u]:	
Type of carrier:*	 Analog Modulated Carrier Burst Signal CW – Clean Carrier Digital Modulated Carrier Frequency Hoping Frequency sweeping
Source:*	 Cross Polarization Co-Channel Intermodulation Unwanted emissions Antenna misspointing Adjacent Satellite Interference Adjacent Carrier Interference Malfunctioning equipment Insufficient cable shielding Reference to RR No.15.1 (unnecessary emissions) Other (please specify)
Facility which made the above meas	surements [i,p]:
Longitude:	

Longitude:	
Latitude:	

X Cancel

✓ Save

+ Add Affected Frequency Assignment

Assigned frequency [k, I]:	1413.5	MHz	•
Bandwidth [n]:	27	MHz	•
Polarization [w]:	Other		•
Nature of Service	Earth Exploration Satellite – EESSS		Ŧ
Class of emission [m]:			
Field Strength or Power Flux Density of Wanted carrier [v]:			
	Save Cancel		

Finally, upload your letter and information on Passive Sensors, preferebly in the format of

REC.ITU-R RS.2106-0, and press save draft and continue like any other case.

Letter Hom Anected Admin	nistration:	
Browse		Upload
Interference Signal Geoloc	ation Plot:	
Browse		Upload
Interfered and Interfering S	Signal Scan Plote:	
Interfered and interfering 5		
Browse		Upload
Information on Passive Ser	nsors-EESS (REC ITU-R RS. 2106-0):	
		Upload
Browse		

Generating and submitting a Reply , or adding a document to an already created Report

Simply go to **Reports**→ **Implicated In page** and open the Case:

A 1	lome	Reports	Net	w report	Users	Log	Con	respondence				
Dra	afts	Submitted In	plicated in	Public								
Imp	plica	ted in repor	ts						4	1 2	3 4	5 11 •
		Case ID	Affected Adm	Operator		Affected Station	GSO Long.	Implicated Adms	Status	Date of receipt	BR Request	Last modification
		J2018-10860	J			ALOS-2	44.00	B, J	Published	25/01/2018 10:42:11	θ	25/01/2018 10:42:11
		B2018-10856	В			B-SAT-1N-1	4.00	В	Published	22/01/2018 09:02:06	0	22/01/2018 09:02:06
		SVK2018-10827	SVK			SKCUBE	5.00	SVK	Published	21/01/2018 21:35:09	θ	21/01/2018 21:35:09

Once it is opened, click on **Reply** and **Add** additional Document:

*This Report and su	bsequent documer	nts to be included in the case were defined by	the Affected Adm as
FUBLIC			D (I
			Ref.:J2018-10860
Stations Causing	Interference		
StationId		2452	
Station type		Terrestrial	
Location		4.000000, 33.000000	
Administrations		В	
Measured freque	ncies	444.000000 MHz	
Polarization		V	
Date of interferen	ce	10/01/2018	
Type of carrier		1. CW – Clean Carrier	
Source		1. Unwanted emissions 2. 444	

	-	_			Autimisu autimanayei
A Home	Reports	New report	Users	Correspondence	
Drafts	Submitted In	nplicated in Public			
Report	Reply 0				
				Add additional docume	ent

Then complete Title and Description and Upload the Document. Press View Submission

Finally Approve and Submitt

Title:				Ē
Description:	4		► <i>1</i>	
Browse				Upload

eport Reply 1	
Additional document (AD-4369)	
Title	Additional Doc from BR
Description	for further info
Administration	ITU
File name	Letter.docx
	Approve and Submit Delete

You will find your Document added to the Report and an automatic email notification is sent to

the organisations implicated in the case for their information/action.

Upload documents

25/01/2018

Title	Letter from Affected Administration
Administration	J
Date of receipt	25/01/2018 10:42:11
File name	I-2017-017443-email.pdf

Title	
Administration	J
Date of receipt	25/01/2018 10:42:46
File name	NOTES.doc

	Title	Additional Doc from BR	
	Description	for further info	
7	Administration	ITU	
	Date of receipt	25/01/2018 11:57:39	
	File name	Letter.docx	
			-