

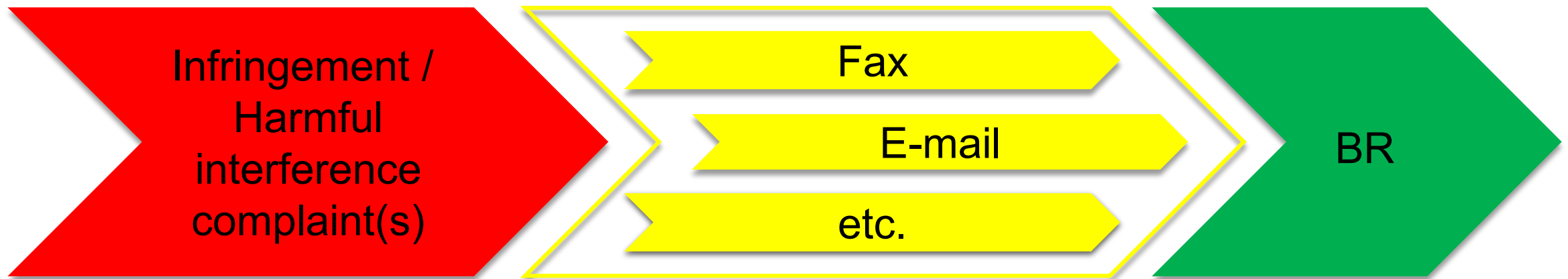
# Harmful Interference to Terrestrial Services (HITS)

Terrestrial Services Department  
Radiocommunication Bureau  
International Telecommunication Union

# Procedure to resolve infringement / harmful interference cases (RR Art.15)



*"It is essential that Member States exercise the utmost goodwill and mutual assistance" (RR 15.22)*

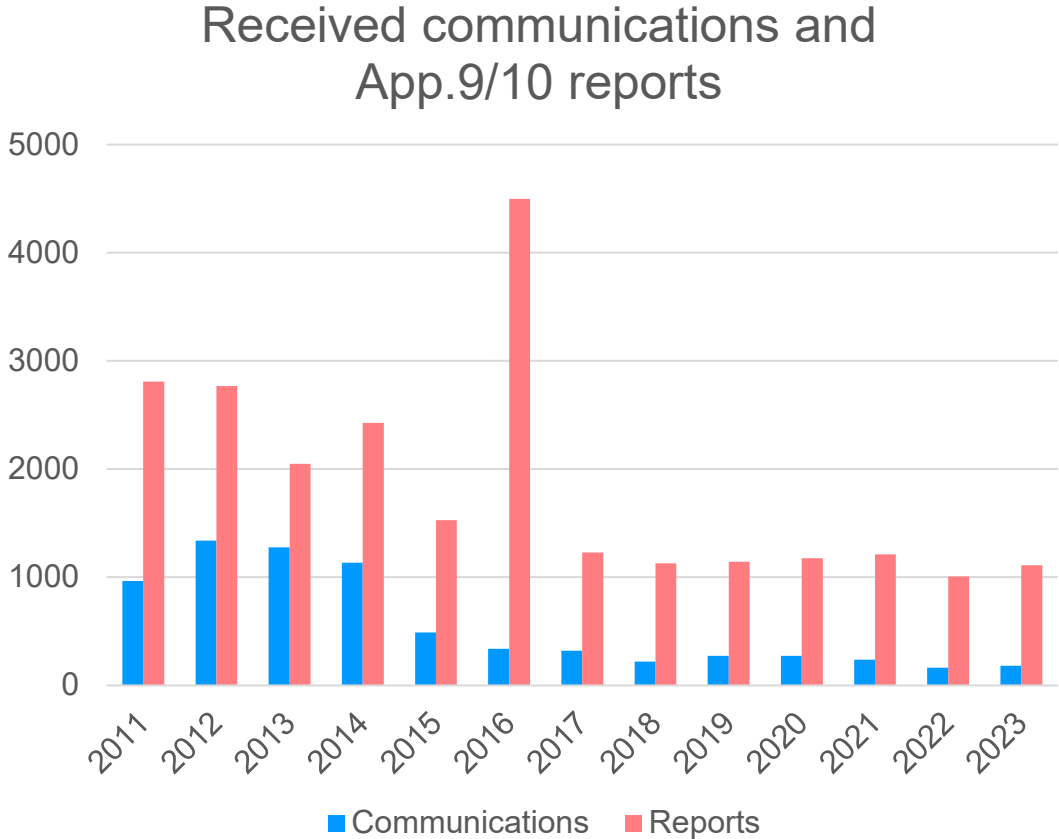
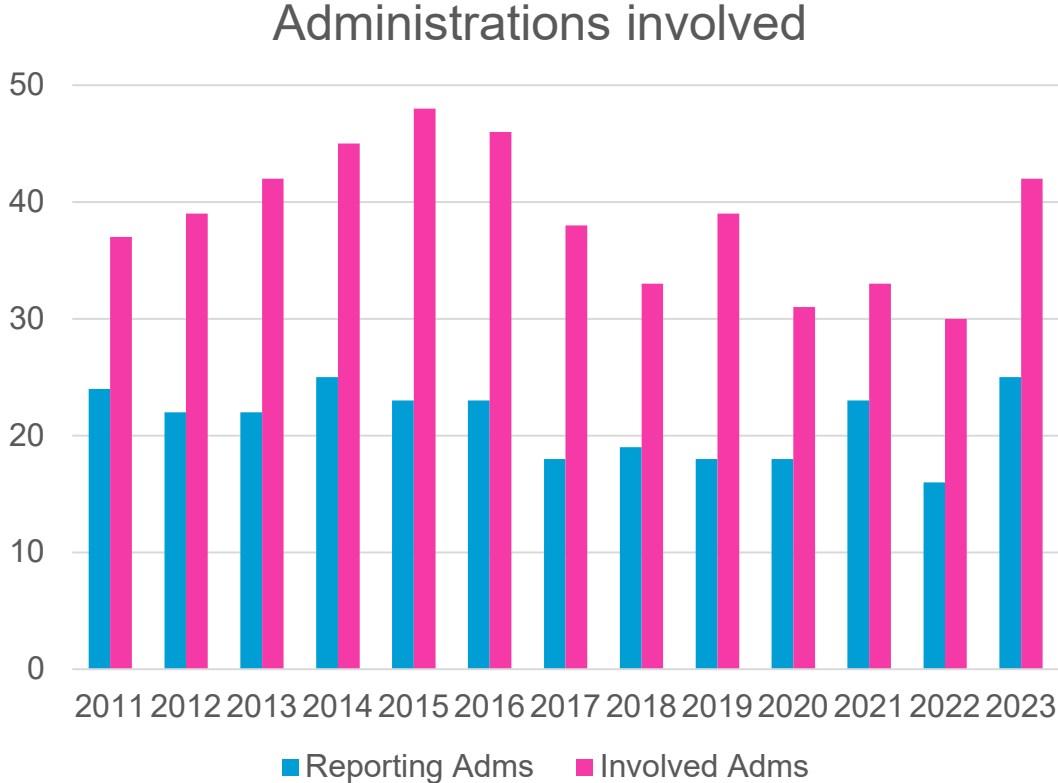


Appendix 9 / 10 (RR 15.19, 15.27)  
(identification and location of the source, date, time, frequency, bandwidth, class of emission, measured field strength or power flux-density, etc.)

- ✓ Investigation
- ✓ Monitoring campaign
- ✓ Cooperation with the Administrations
- ✓ Information about the actions taken

If necessary, inform the BR under **RR15.41**;  
If bilateral action failed, request BR assistance under **RR Art.13, RR15.42**

# Terrestrial services harmful interference statistics (Since 2011)



# Communication issues (E-mail, Fax, Post)



Duplications of communications / reports



Changes in Administrations' name/address/responsible person



Delays in delivery / acknowledgment



Missing / lack of data



Temporary technical problems with fax machine / email address



Manual work is usually needed to capture the information from reports (handwritten, customized reports, etc.)



The above difficulties necessitate migration to a web-based platform for Harmful Interference information access and reporting.

**NEW!**

# Harmful Interference to Terrestrial Services system (HITS)

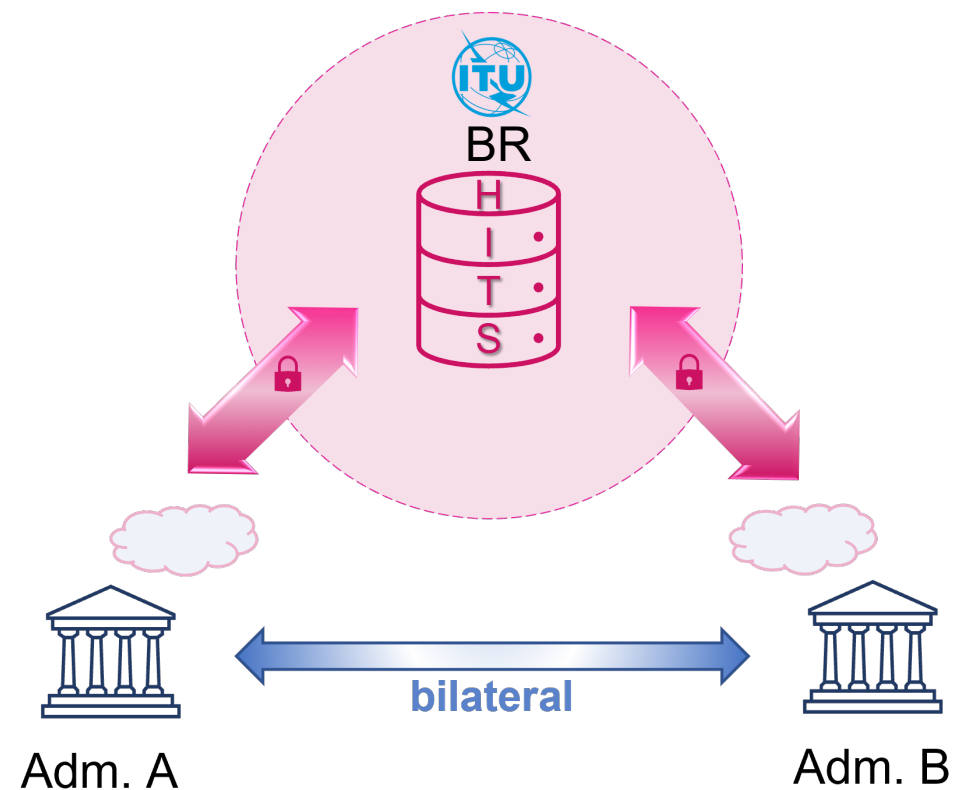
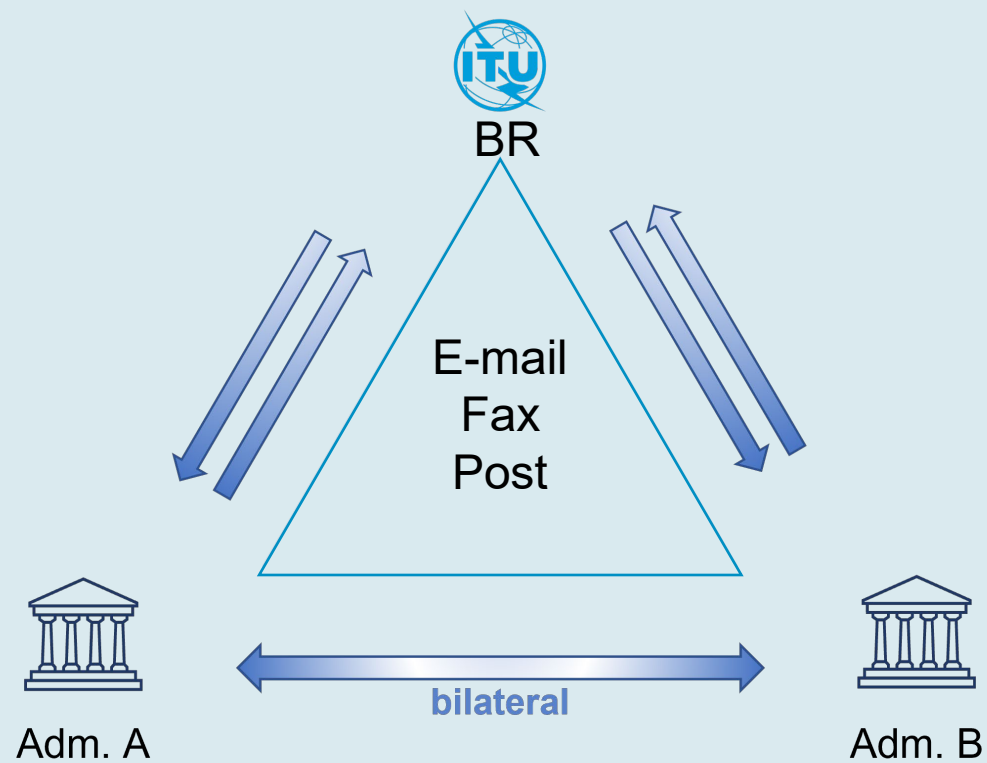


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GENEVA 2024

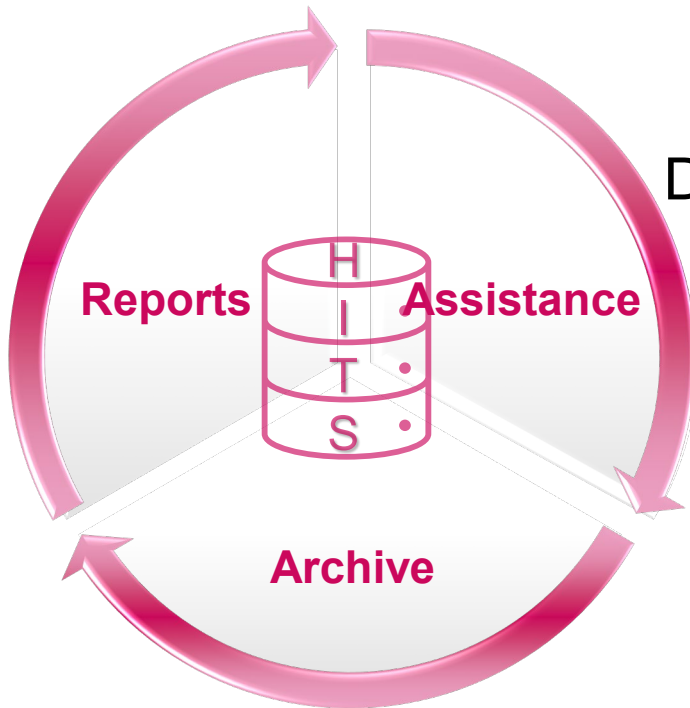
A web-based platform which will enable administrations (authorized users only):

- ☐ to consult the archive of its communications being exchanged with the BR
- ☐ to submit new Appendix 9 or 10 Reports  
(by one of several options: *e-form*, *pdf*, *docx*, *xlsx*)
- ☐ to provide supplementary information (letters, measurement results, maps, etc.)  
concerning a case of infringement or harmful interference
- ☐ to receive the information requiring their attention/action

# Harmful Interference to Terrestrial Services system (HITS)



# The information being accessible through HITS system

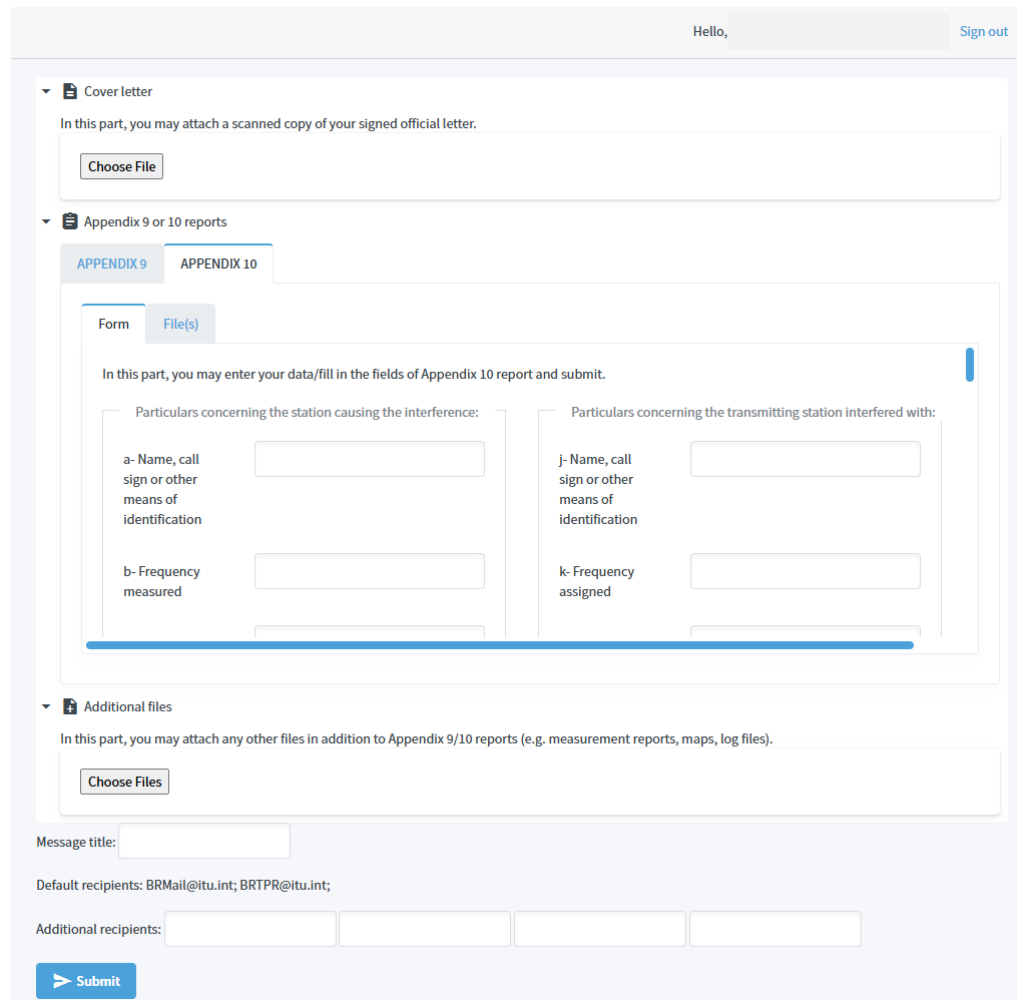


Data currently available since January 2005:

- ❑ ~ 10 500 **communications** received and sent by the BR
- ❑ ~ 25 000 **App.9 & App.10 reports** received by the BR
- ❑ **123 administrations** involved (as affected/affecting)

# Report submission through HITS

**e-Form:** reports one-by-one



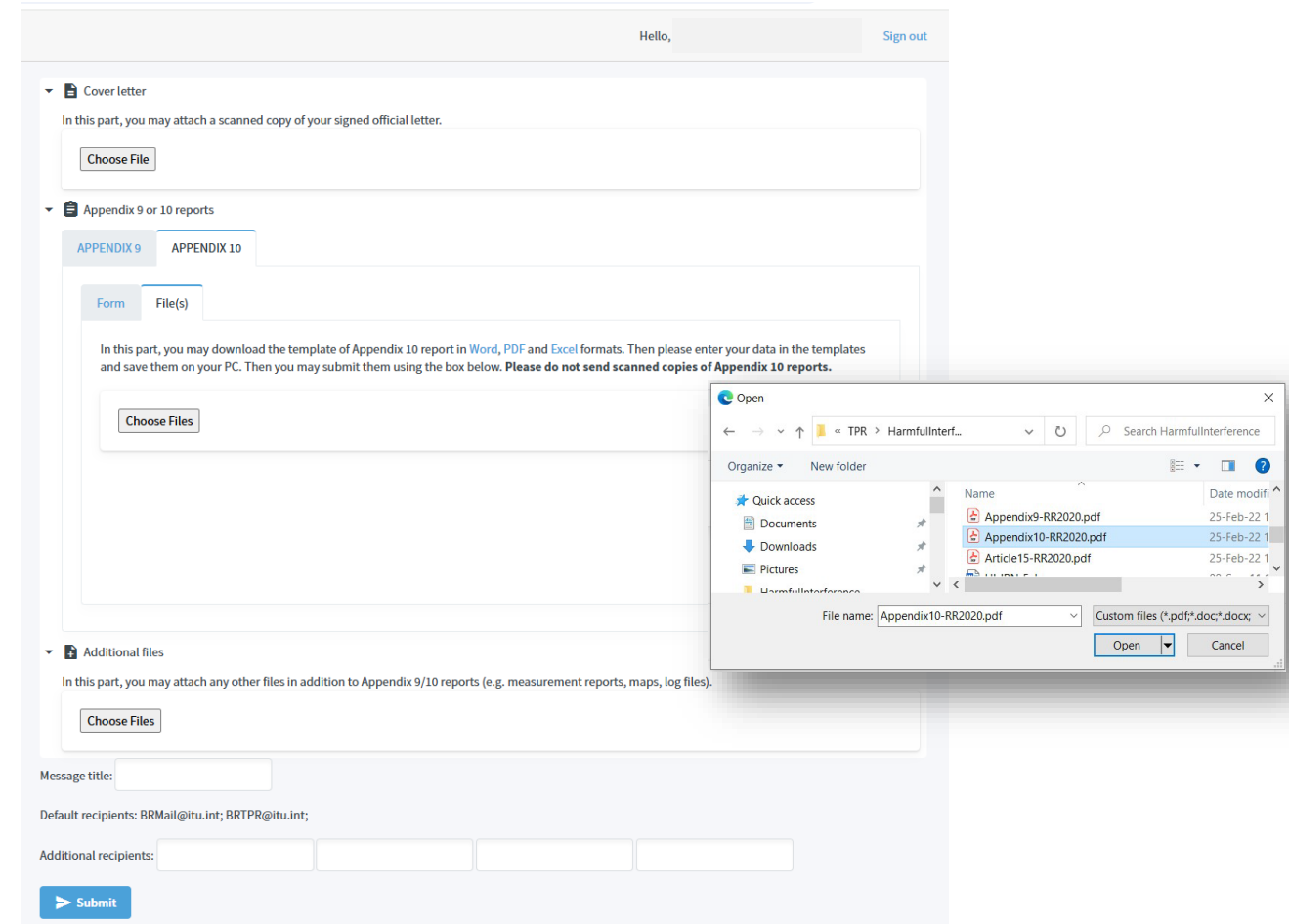
The e-Form submission interface is a web-based form for reporting interference. It includes sections for a cover letter, Appendix 9 or 10 reports, and additional files. The Appendix 10 section is currently active, showing fields for station identification and frequency. The form is titled "Hello," and has a "Sign out" link in the top right corner.

Message title:

Default recipients: BRMail@itu.int; BRTPR@itu.int;

Additional recipients:

**Files:** several reports at once  
(by PDF, Word or Excel templates)



The Files submission interface is a web-based form for uploading multiple reports. It includes sections for a cover letter, Appendix 9 or 10 reports, and additional files. The Appendix 10 section is currently active, showing a "Choose Files" button. A file selection dialog is open, showing the "HarmfulInterf..." folder with files "Appendix9-RR2020.pdf", "Appendix10-RR2020.pdf", and "Article15-RR2020.pdf". The "Appendix10-RR2020.pdf" file is selected. The dialog also shows the "File name" field with "Appendix10-RR2020.pdf" and the "Custom files (\*.pdf;\*.doc;\*.docx)" filter.

Message title:

Default recipients: BRMail@itu.int; BRTPR@itu.int;

Additional recipients:



# Archive consultation through HITS

Hello, [User Y](#)

[Sign out](#)

Clear Selection

Selected Case: 3479

CASE NO. ▾	AFFECTED ADM ▾	AFFECTED FREQUENCY ▾	AFFECTED SERVICE ▾	AFFECTED BAND ▾	INTERFERING ADM ▾	INTERFERING FREQUENCY ▾	INTERFERING SERVICE ▾	INTERFERING BAND ▾	REMARKS ▾
3480	Y	618,626,634,642,650,666,...	Land Mobile		A	618,626,634,642,650,666,...	Broadcasting		
3479	Y	826,834	Land Mobile		B	826,834	Broadcasting		
3428	Y	89.5, 90, 91.1, 92.5	Broadcasting	FM	C	89.5, 90, 91.1, 92.5	Broadcasting	FM	
3413	X		Land Mobile	925-960 MHz	Y		Land Mobile	900 MHz	
3409	Y		Land Mobile		D	3450, 3550, 3570, 3590	Land Mobile	3500-3600 MHz	

Page 1 of 7 (32 items)

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>

From Y

From B

From the BR

Clear Selection

Selected Incoming: I-2023-037323

CASE NO.	DATE OF RECEIPT	REGISTRY NO.	REPORTS	REMARKS
3479	2023/12/13	37323	2	

Stations under Jurisdiction

I-2023-037323-Sub 1GHz Technical Report SSB.pdf

I-2023-037323-Spectrum plots and location maps.rar

I-2023-037323-APPENDIX 10 (700MHZ).pdf

I-2023-037323-APPENDIX 10 (600MHZ).pdf

I-2023-037323-APPENDIX 10 (800MHZ).pdf

Report of harmful interference

(See Article 15, Section VI)

Particulars concerning the station causing the interference:

a. Name, call sign or other means of identification

None

b. Frequency measured:

706,714,730, 738, 826, 834 MHz

Date

27.07.2023

Time (UTC)

12:30

# First phase of the HITS system (Beta test)



A test version of the HITS system has been made available to selected administrations, since May 2024.

They have access to the archived data only concerning their administration and are able to use all available features of the system, such as consultation of the archive and submission of reports.

The comments and suggestions collected will enable the BR to improve the system and make it ready for the official release.

# Thank you!

Terrestrial Publication and Registration Division

ITU – Radiocommunication Bureau

Questions to [BRTPR@itu.int](mailto:BRTPR@itu.int)