

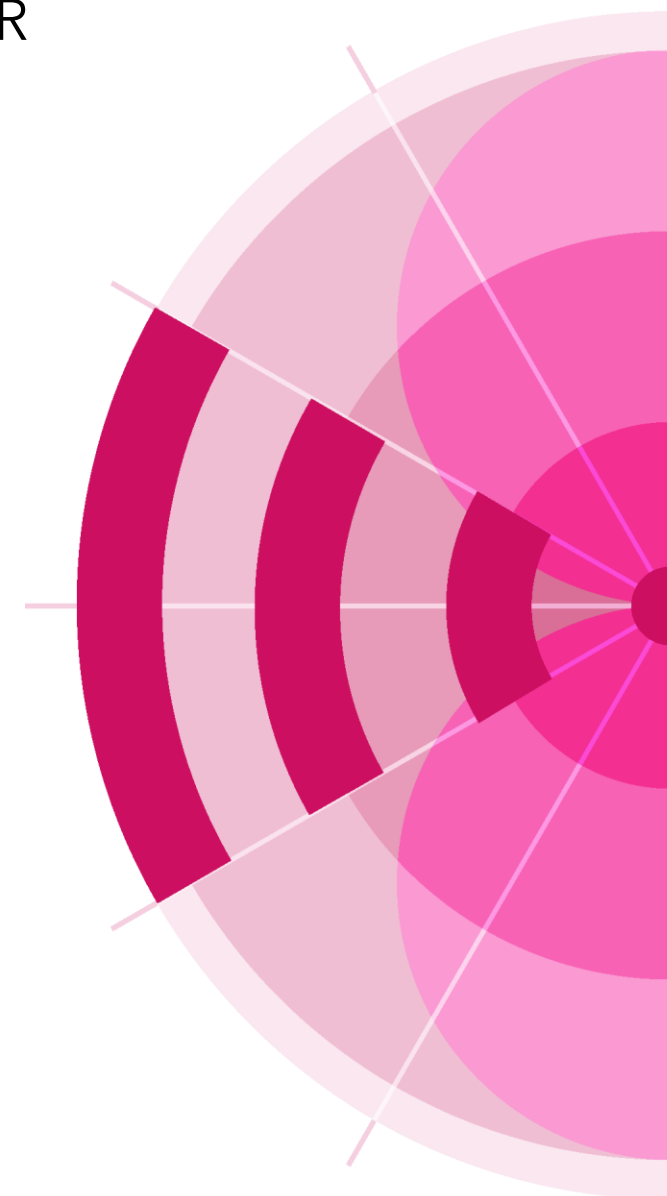


30TH WORLD RADIOCOMMUNICATION SEMINAR

24 - 28 October 2022

Geneva, Switzerland

Harmful Interference to Terrestrial Services (HITS)



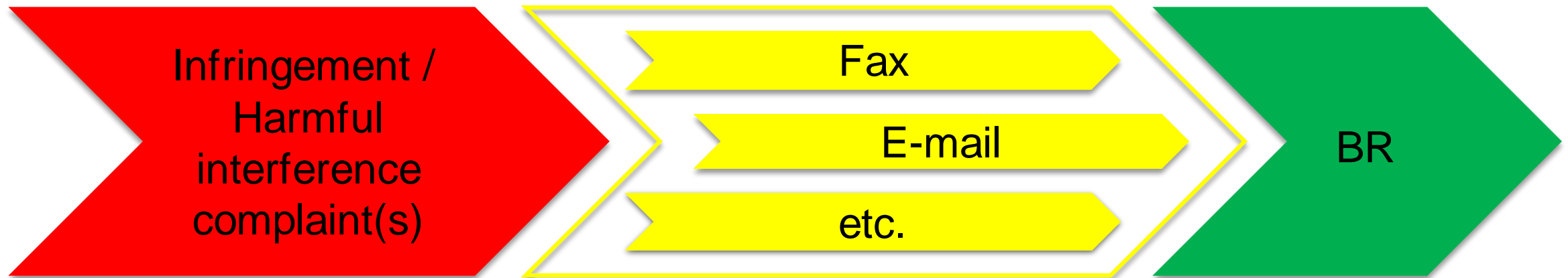
www.itu.int/go/wrs-22

#ITUWRS

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)



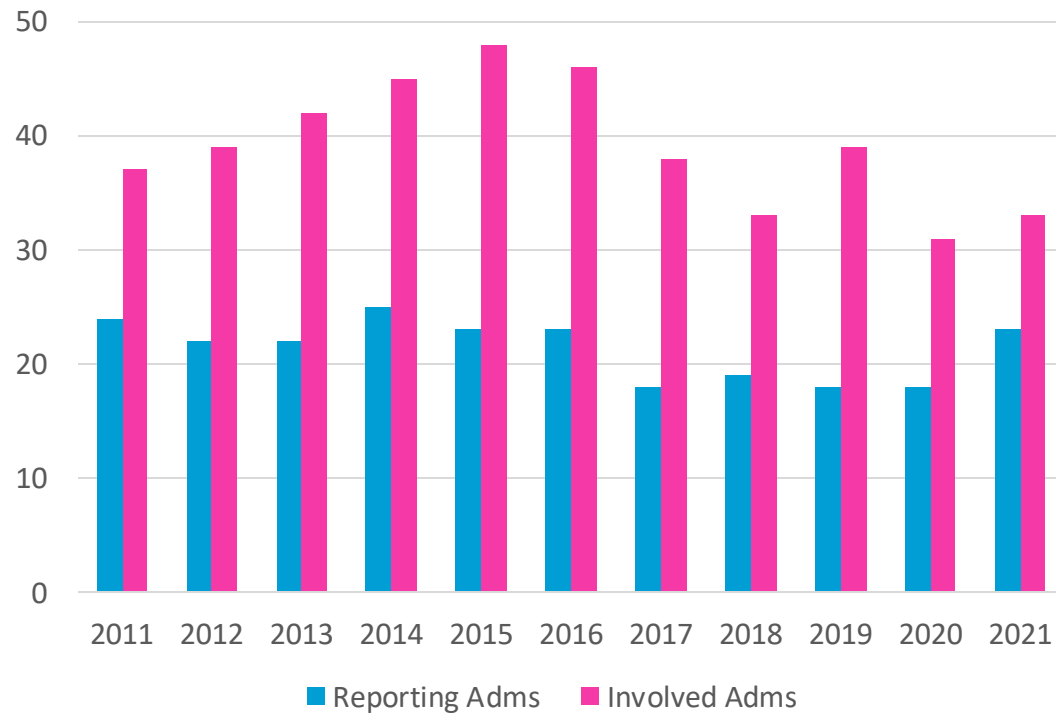
Appendix 9 / 10 (RR 15.19, 15.27)
(identification and location of the source, date, time, frequency, bandwidth, class of emission, measured field strength or power flux-density, etc.)

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

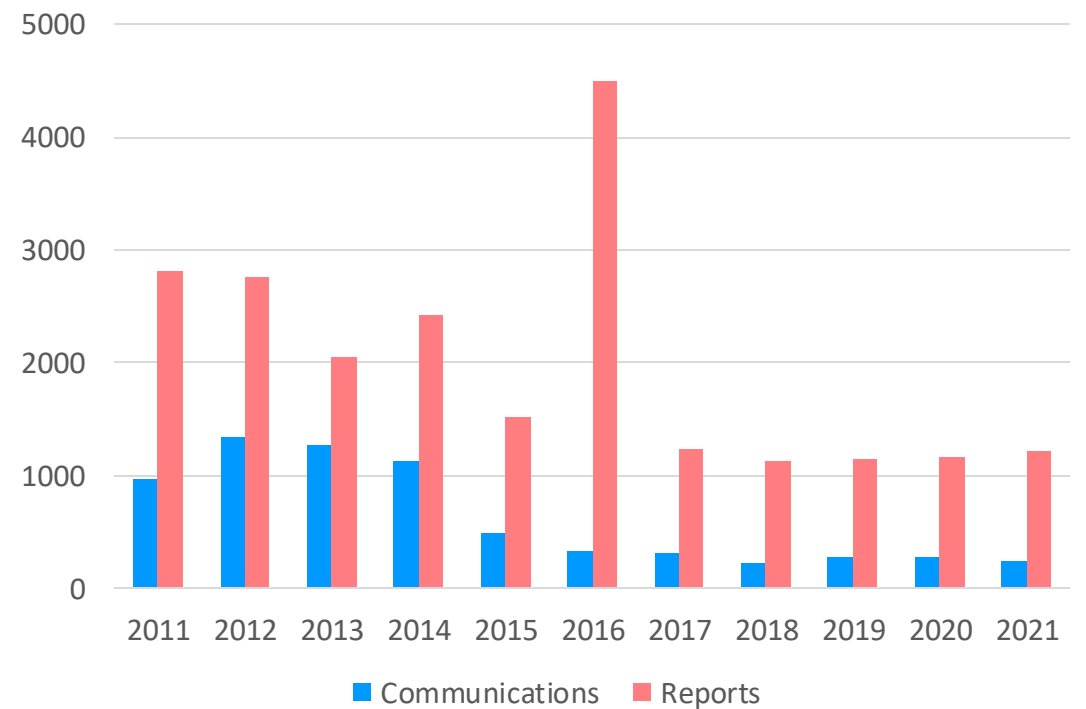
If necessary, inform the BR under **RR15.41**;
If bilateral action failed, request BR assistance under **RR Art.13, RR15.42**

Terrestrial services harmful interference statistics (Since 2011)

Administrations involved



Received communications and App.9/10 reports



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.



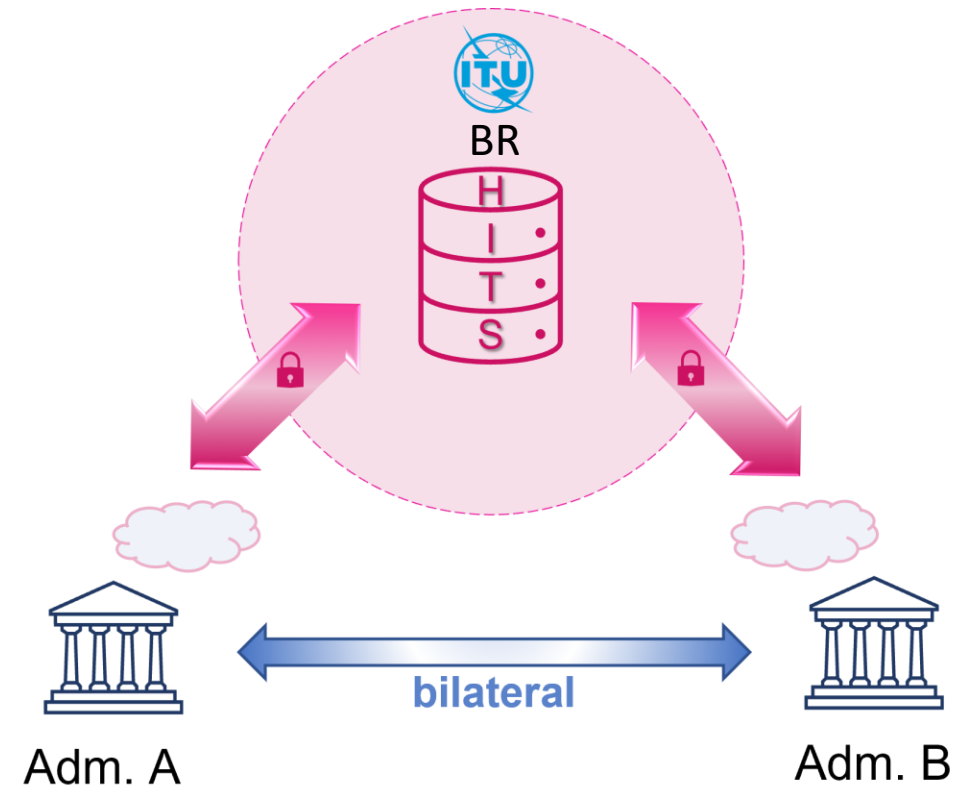
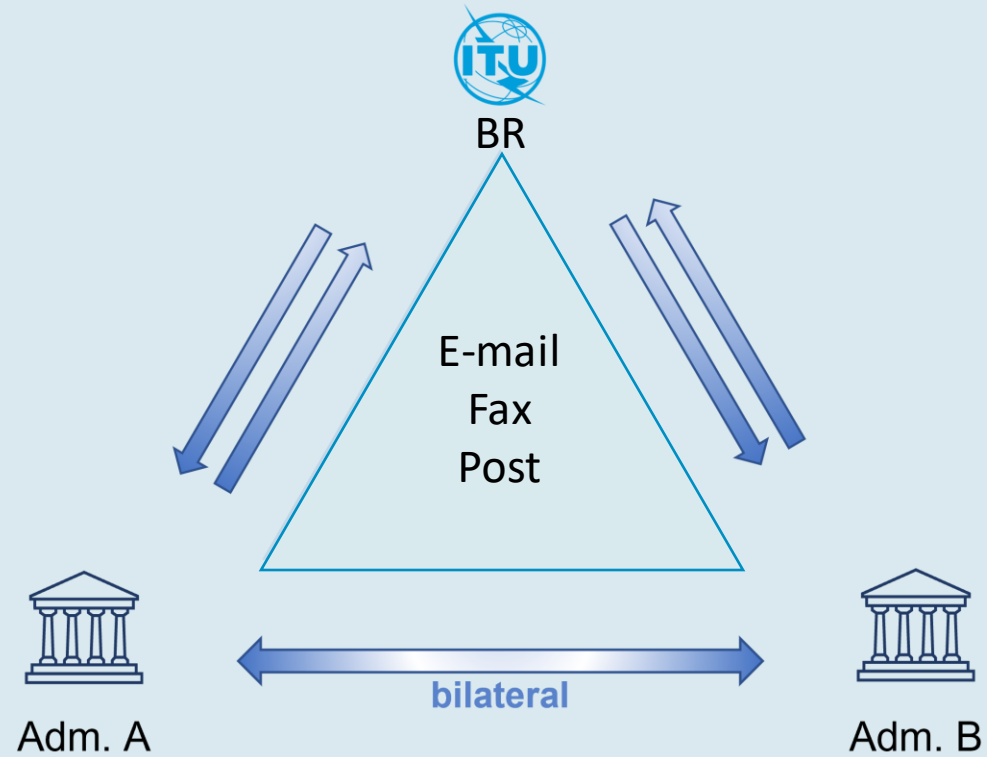
NEW!

Harmful Interference to Terrestrial Services system (HITS)

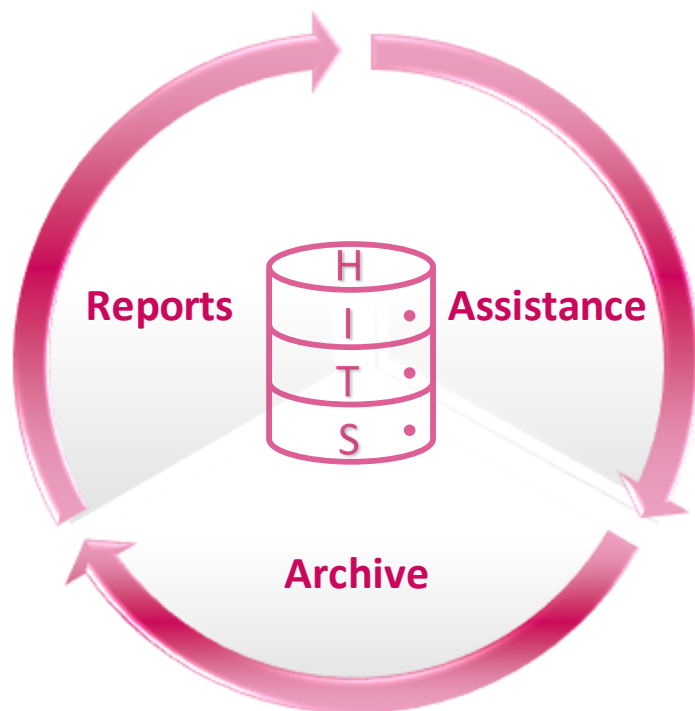
A web-based platform which will enable administrations (authorized users only):

- 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:

- ❑ ~ **10 000 communications** received and sent by BR
- ❑ ~ **22 800 App.9 & App.10 reports** received by BR
- ❑ **107 administrations** involved (as affected/affecting)

Report submission through HITS

e-Form: reports one-by-one

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

The screenshot shows the 'e-Form' submission interface. It is divided into three main sections: 'Cover letter', 'Appendix 9 or 10 reports', and 'Additional reports'. The 'Cover letter' section has a 'Choose File' button. The 'Appendix 9 or 10 reports' section has tabs for 'APPENDIX 9' and 'APPENDIX 10', and sub-tabs for 'Form' and 'File(s)'. The 'Form' sub-tab is active, showing two columns of input fields for 'Particulars concerning the station causing the interference' and 'Particulars concerning the transmitting station'. The 'Additional reports' section has a 'Choose Files' button. At the bottom, there are 'Submit', 'Save draft', and 'Cancel' buttons.

The screenshot shows the 'Files' submission interface. It is divided into three main sections: 'Cover letter', 'Appendix 9 or 10 reports', and 'Additional reports'. The 'Cover letter' section has a 'Choose File' button. The 'Appendix 9 or 10 reports' section has tabs for 'APPENDIX 9' and 'APPENDIX 10', and sub-tabs for 'Form' and 'File(s)'. The 'File(s)' sub-tab is active, showing a text area with instructions: 'In this part, you may download the templates of Appendix 10 report in Word, PDF or Excel formats. Please enter your data in the downloaded template and save it on your PC. Then you may submit the file(s) using the box below. **Important!** Please do not attach here scanned copies of Appendix 10 reports.' Below the text area is a 'Choose Files' button. An 'Open' file dialog is overlaid on the interface, showing a file explorer view of the 'TPR > HarmfulInterf...' directory. The dialog lists several PDF files: 'Appendix9-RR2020.pdf', 'Appendix10-RR2020.pdf', and 'Article15-RR2020.pdf'. The 'Appendix10-RR2020.pdf' file is selected. The 'File name' field at the bottom of the dialog contains 'Appendix10-RR2020.pdf'. There are 'Open' and 'Cancel' buttons at the bottom right of the dialog.

First phase of the HITS system (Beta test)

A test version of the HITS system is planned to be made available in the third quarter of 2023 to selected administrations.

They will have access to the archived data **only** concerning their administration and will be 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

