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Subject: Guidelines for reporting harmful interference

**Document 4A/656-E**  
**14 February 2018**  
**English only**

## World Broadcasting Unions - Technical Committee<sup>1</sup>

### GUIDELINES FOR REPORTING HARMFUL INTERFERENCE FOR CASES OF GSO SATELLITE SERVICES

#### 1 Introduction and proposal

At its October 2017 meeting, Working Party 4A decided to initiate a working document towards a preliminary draft new Recommendation ITU-R S.[Guidelines Report Harmful Interference] concerning guidelines for reporting harmful interference for cases of GSO satellite services ([Annex 4 to Document 4A/519](#)) and develop a draft liaison statement to WP 1C on this topic ([Annex 52 to Document 4A/519](#)).

As WP 1C will not meet until June 2018, it was decided to delay sending the liaison statement to WP 1C to the February 2018 WP 4A meeting.

WBU-TC notes that further work is required on the working document ([Annex 4 to Document 4A/519](#)) to reshape the content to the format of an ITU-R Recommendation, WBU proposes modifications to this effect and proposes that WP 4A upgrades the working document to the status of preliminary draft new Recommendation (see Attachment 1).

An updated draft liaison statement from WP 4A to WP 1C is also attached for the consideration by WP 4A in order to inform WP 1C of the development on this topic (see Attachment 2).

#### Attachments: 2

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<sup>1</sup> The WBU-TC is the standing technical body of the World Broadcasting Unions and a sector member of the ITU, whose Members are:

- Asia-Pacific Broadcasting Union (ABU)
- Arab States Broadcasting Union (ASBU)
- The African Union of Broadcasting (AUB)
- Caribbean Broadcasting Union (CBU)
- European Broadcasting Union (EBU)
- International Association of Broadcasting (IAB)
- North American Broadcasters Association (NABA)
- Organización de Telecomunicaciones Iberoamericanas (OTI)

## ATTACHMENT 1

### ~~WORKING DOCUMENT TOWARDS A~~ PRELIMINARY DRAFT NEW RECOMMENDATION ITU-R S.[GUIDELINES REPORT HARMFUL INTERFERENCE]

#### **Guidelines for reporting harmful interference for cases of GSO satellite services**

*Editor's note: Further work is required to reshape the content to the format of an ITU-R Recommendation.*

#### **Scope**

Administrations operating GSO satellite services which encounter instances of harmful interference should use the information in this Recommendation in reporting the harmful interference instance. These guidelines suggest a way to report harmful interference for cases of GSO satellite services using Appendix 10 to better convey some of the necessary additional information recommended in Report ITU-R SM.2181 but at the same time avoid filling in the very detailed list as described in that Report.

#### **Keywords**

Harmful interference, Appendix 10

The ITU Radiocommunication Assembly,

*considering*

- a) that, according to the Constitution and Convention of the ITU, one purpose of the ITU is to coordinate efforts to eliminate harmful interference;
- b) that Article 15 provides procedures to be followed by administrations in the case of harmful interference;
- c) that full particulars relating to harmful interference shall, whenever possible, be given in the form indicated in Appendix 10 of the Radio Regulations;
- d) that Appendix 10 states that sufficient information shall be provided to the administration receiving the report of interference so that an appropriate investigation can be conducted;
- e) that Appendix 10 was designed for the reporting of harmful interference involving terrestrial services and that its applicability related to cases of GSO satellite services is limited;
- f) that Report ITU-R SM.2181 provides information on how, in addition to the particulars indicated in Appendix 10, other data fields and information can be documented in the Report of harmful interference originating from space stations;

noting

- a) that some of the additional items as suggested in Report ITU-R SM.2181 for reporting harmful interference originating from space stations are very useful and necessary for appropriate investigation to be conducted;
- b) that some of the additional items as suggested in Report ITU-R SM.2181 may not be necessary or related to the particular case of interference;
- c) that the need to fill in a large number of additional items as suggested in Report ITU-R SM.2181 require significant efforts and might discourage administrations from using the form in Report ITU-R SM.2181 and use Appendix 10 only;
- d) that providing additional necessary information in noting a) inside the existing Appendix 10 form for cases of GSO satellite services is possible;
- e) that descriptions and examples for noting d) would be useful for administrations to follow;
- f) that standardization on format in noting d) and e) would ease administration's efforts;
- g) that information regarding the procedures in case of harmful interference and guidelines providing recommendations for noting d), e) and f) would be would be beneficial for satellite users, satellite operators and administrations;

recommends

that, the set of guidelines given in Annex could be used by satellite users, satellite operators and administrations to report harmful interference for cases of GSO satellite services.

ANNEX

**Guidelines for reporting harmful interference for cases of GSO satellite services**

**1 Introduction**

**[Note from WBU-TC: No propose change from this section onwards]**

## ATTACHMENT 2

### DRAFT LIAISON STATEMENT TO WORKING PARTY 1C [WORKING DOCUMENT TOWARDS A] PRELIMINARY DRAFT NEW RECOMMENDATION ITU-R S.[GUIDELINES REPORT HARMFUL INTERFERENCE]

#### **Guidelines for reporting harmful interference for cases of GSO satellite services**

At its October 2017 meeting, Working Party 4A decided to initiate a working document towards a Preliminary Draft New Recommendation ITU-R S.[Guidelines Report Harmful Interference] concerning guidelines for reporting harmful interference for cases of GSO satellite services. The working document intends to provide information regarding the procedures in case of harmful interference and recommendations on reporting harmful interference using the existing Appendix 10 of the Radio Regulations (RR) to better convey some of the necessary additional information recommended in Report ITU-R SM.2181.

At its February 2018 meeting, the working document is further develop [and WP 4A decided to upgrade it to Preliminary Draft New Recommendation status] (see Annex XX to Document 4A/yy (Chairman's Report)).

WP 4A notes that WP 1C is developing a working document towards a Preliminary Draft New Recommendation ITU-R SM.[APP10] on reporting harmful interference in support of Appendix 10 of the Radio Regulations ([Annex 18 to Document 1C/106](#)).

Working Party 4A invites Working Party 1C to consider WP 4A's [working document towards a] Preliminary Draft New Recommendation ITU-R S. [Guidelines Report Harmful Interference] in the development of the new Recommendation and provide its views on this working document.

**Status:** For action

**Deadline:** 27 June 2018

**Contact:**

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