



Radiocommunication Bureau (BR)

Administrative Circular
CACE/907



21 June 2019

To Administrations of Member States of the ITU, Radiocommunication Sector Members, ITU-R Associates participating in the work of Radiocommunication Study Group 1 and ITU Academia

Subject: Radiocommunication Study Group 1 (Spectrum Management)
– **Proposed approval of 1 draft new ITU-R Question**

At the meeting of Radiocommunication Study Group 1 held from 6 to 7 June 2019, 1 draft new ITU-R Question was adopted according to Resolution ITU-R 1-7 (§ A2.5.2.2) and it was agreed to apply the procedure of Resolution ITU-R 1-7 (see § A2.5.2.3) for approval of Questions in the interval between Radiocommunication Assemblies. The text of the draft ITU-R Question is attached for your reference in the Annex to this letter. Any Member State who objects to the approval of a draft Question is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

Having regard to the provisions of § A2.5.2.3 of Resolution ITU-R 1-7, Member States are requested to inform the Secretariat (brsgd@itu.int) by 21 August 2019, whether they approve or do not approve the proposal above.

After the above-mentioned deadline, the results of this consultation will be announced in an Administrative Circular and the approved Question will be published as soon as practicable (see: <http://www.itu.int/ITU-R/go/que-rsg01/en>).



Mario Maniewicz

Director

Annex: 1 draft new ITU-R Question

Distribution:

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 1
- ITU-R Associates participating in the work of Radiocommunication Study Group 1
- ITU Academia
- Chairmen and Vice-Chairmen of Radiocommunication Study Groups
- Chairman and Vice-Chairmen of the Conference Preparatory Meeting
- Members of the Radio Regulations Board
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

Annex

(Document [1/192\(Rev.1\)](#))

DRAFT NEW QUESTION ITU-R [SPEC-AVAILABILITY]/1

Methodologies for assessing or predicting spectrum availability

The ITU Radiocommunication Assembly,

considering

- a) that the radio frequency spectrum is a limited but infinitely renewable resource that is available only in finite amounts of frequency bandwidth during any given time interval and within any given volume of space;
- b) that some administrations are challenged in assessing or predicting the availability of the radio frequency spectrum;
- c) that there are lack of methodologies for assessment or prediction of spectrum availability,

noting

that spectrum management data is becoming larger and more complex in the viewpoint of data science, which may require advanced data analysis methods including machine learning,

decides that the following Questions should be studied

- 1 What criteria and information should administrations consider for assessing or predicting the availability of the radio frequency spectrum?
- 2 What are the methodologies for assessing or predicting the availability of the radio frequency spectrum?
- 3 What are the technical approaches, such as data-driven management, etc., that may improve overall spectrum utilization?

further decides

- 1 that the results of the above studies should be included in Recommendation(s) and/or Report(s) or Handbook(s), as appropriate;
- 2 that the above studies should be completed by 2023.

Category: S3
