



## Radiocommunication Bureau (BR)

Circular Letter  
1/LCCE/99

16 December 2016

**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: Questionnaire prepared by ITU-R Working Party 1B relating to the operation of  
ubiquitously deployed earth station terminals in the context of studies under  
WRC-19 agenda item 9.1, issue 9.1.7**

**References: Resolution 958 (WRC-15) – “Urgent studies required in preparation for the 2019  
World Radiocommunication Conference” Annex item 2  
Resolution ITU-R 64 (RA-15) – “Guidelines for the management of unauthorized  
operation of earth station terminals”**

The first session of the Conference Preparatory Meeting for WRC-19 (CPM19-1) has identified Working Party (WP) 1B as the responsible group to carry out the studies requested in Resolution **958 (WRC-15)** Annex item 2 (also numbered by CPM19-1 as issue 9.1.7 under WRC-19 agenda item 9.1) and Working Parties (WPs) 1C and 4A as contributing groups (see Administrative Circular [CA/226](#)).

The draft CPM text on WRC-19 agenda item 9.1, issue 9.1.7 will be included in Chapter 6 “General issues” of the draft CPM Report to WRC-19.

Resolution **958 (WRC-15)** *resolves* to complete studies on the topics identified in this Resolution and its Annex, *invites ITU-R* as a matter of urgency, to complete the studies called for in this Resolution, and *instructs the Director of the Radiocommunication Bureau* to report on these studies under agenda item 9.1 of WRC-19, as appropriate, based on the results of studies.

In relation to, WRC-19 agenda item 9.1, issue 9.1.7, the Annex to Resolution **958 (WRC-15)** indicates under item 2 that the studies are to examine:

- a) whether there is a need for possible additional measures in order to limit uplink transmissions of terminals to those authorized terminals in accordance with No. **18.1**;
- b) the possible methods that will assist administrations in managing the unauthorized operation of earth station terminals deployed within its territory, as a tool to guide their national spectrum management programme, in accordance with Resolution ITU-R 64 (RA-15).

Resolution ITU-R 64 (RA-15) *resolves to invite ITU-R study groups concerned:*

- 1 to conduct studies to examine whether there is a need for possible additional measures in order to limit uplink transmissions of terminals to those terminals authorized in accordance with No. 18.1;
- 2 to study the possible methods that will assist administrations in managing the unauthorized operation of earth station terminals deployed within their territory, as a tool to guide their national spectrum-management programme.

In order to facilitate these studies, it is useful to identify current measures adopted by Member States regarding the uplink operation of ubiquitous earth stations terminals in the territories under their jurisdiction.

The Radiocommunication Bureau hereby invites Administrations of Member States to provide, on a voluntary basis and if available, answers to the questions below. Your reply will not be assumed as an indication of the position of your Administration for this issue 9.1.7 under WRC-19 agenda item 9.1.

Responses from Administrations to the attached questionnaire should be sent to [brsgd@itu.int](mailto:brsgd@itu.int) by **13 May 2017** and will be subsequently communicated to the next meeting of Working Party 1B planned to be held in 13-20 June 2017.

The contact person from the Radiocommunication Bureau for this matter is:

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## Annex: 1

### 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
- Chairman and Vice-Chairmen of Radiocommunication Study Group 1
- Secretary General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

## ANNEX - QUESTIONNAIRE

### QUESTIONS TO MEMBER STATES REGARDING THE UPLINK OPERATION OF UBIQUITOUS EARTH STATIONS TERMINALS IN THE TERRITORIES UNDER JURISDICTION OF THOSE MEMBER STATES

- 1 Does your Administration license satellite uplink transmission of ubiquitously deployed earth stations terminals?**
- Yes/No
- 1.1 If yes, indicate the types of licences, e.g.:**
- Individual Earth station authorization/licence
  - Blanket authorization/licence<sup>1</sup>
  - Others
- 1.2 Does your Administration issue authorizations/licences including a revocation clause(s) (i.e. withdrawal of the authorization/licence)?**
- Yes/No
- 1.3 Does your Administration in authorizing the uplink from ubiquitously deployed earth station terminals require that the assignment of the satellite networks, to which the authorized earth stations are associated, is recorded in the MIFR?**
- Yes/No
- 2 Has your Administration experienced any case(s) of unauthorized operation of uplink transmission of ubiquitously deployed earth station terminals?**
- Yes/No
- 2.1 If yes, were there instances in which the cases were not resolved?**
- Yes/No
- 2.2 If the answer to 2.1 is yes, provide the reasons**
- 3 Does your Administration have the capability of monitoring and identifying the location of unauthorized uplink transmissions originating from ubiquitously deployed earth station terminals in the territory within its jurisdiction?**
- Yes/No
- 3.1 If yes, in which frequency bands?**
- 4 Does your Administration share monitoring information with other Administrations**
- Yes/No
- 5 Does your Administration have problem(s) in relation to the operation of uplink transmissions from ubiquitously deployed unauthorized earth station terminals?**
- Yes/No
- 5.1 If yes, in what areas (e.g. Monitoring and locating unauthorized ubiquitously deployed earth stations terminals, application of relevant articles of Radio Regulations, such as RR No. 18.1)?**

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<sup>1</sup> "Blanket authorization/licence" is an authorization/licence which covers the operation of a group/number of user terminals meeting technical and operational characteristics within the envelope of the typical earth stations pertaining to a given satellite network in a given frequency band.