

## RESOLUTION 22 (REV.WRC-23)

**Measures to limit unauthorized uplink transmissions  
from earth stations**

The World Radiocommunication Conference (Dubai, 2023),

*considering*

- a)* that, in accordance with Resolution **958 (WRC-15)**<sup>\*</sup>,<sup>1</sup> and Resolution ITU-R 64 of the Radiocommunication Assembly, the following issues were studied:
- 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**;
  - 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;
- b)* that demand has been increasing for global satellite broadband communication services throughout the world,

*recognizing*

- a)* that training and monitoring capabilities, along with ITU Reports and Handbooks, may assist national administrations in inhibiting the unauthorized uplink transmissions of earth stations and can facilitate the location and termination of unauthorized earth station transmissions which do not comply with the provisions of Article **18**;
- b)* that Article **18** specifies the requirements for licensing the operation of stations within any given territory;
- c)* that administrations involved in the provision of satellite services, including notifying administrations of satellite networks or systems, are subject to Article **18**;
- d)* that successful coordination of a satellite network or system does not imply licensing/authorization to provide a service within the territory of a Member State,

*noting*

- a)* that the ITU Constitution recognizes the sovereign right of each Member State to regulate its telecommunications;

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<sup>\*</sup> *Note by the Secretariat:* This Resolution was abrogated by WRC-19.

<sup>1</sup> Reference to Resolution **958 (WRC-15)** is provided as background information.

b) that multiple administrations are involved in the provision of satellite services, including notifying administrations of satellite networks or systems,

*resolves*

1 that the operation of transmitting earth stations within the territory of an administration shall be carried out only if authorized by that administration;

2 that the notifying administration for a satellite network or system shall, to the extent practicable, limit the operation of transmitting earth stations on the territory of an administration on which they are located and operated to only those licensed or authorized by that administration;

3 that, when an administration identifies the presence of unauthorized transmitting earth station transmissions in its territories:

i) it should take all appropriate actions at its disposal to the extent of its ability to stop such unauthorized transmissions; and

ii) if the matter is not resolved, this administration may report the details of such unauthorized transmissions, if available, to the notifying administrations of the satellite networks or systems that may be associated with these unauthorized transmissions, and the notifying administrations of these satellite networks or systems shall cooperate with the reporting administration, to the maximum extent possible, in order to resolve the matter in a satisfactory and timely manner,

*invites administrations*

1 to take all appropriate actions to make publicly and readily available the procedures for licensing/authorizing the operation of earth stations in their territories;

2 that have identified unauthorized operation of earth stations within their territories to provide relevant information to the Radiocommunication Bureau (BR) to report such cases;

3 when requested by BR or another administration, to cooperate to the maximum extent practicable with assistance in identifying unauthorized earth stations, with monitoring or geolocation services,

*instructs the Director of the Radiocommunication Bureau*

1 upon receipt of information from an administration detecting an unauthorized uplink transmission from its territory, to immediately inform Member States and satellite operating agencies of the matter by appropriate means and work with the administrations involved to resolve the matter;

2 to inform the administrations on the type of assistance ITU can provide on this issue,

*instructs the Secretary-General*

to stress the importance and ensure the circulation of this Resolution to all Member States.