



Thailand

PROPOSAL FOR PRELIMINARY APT COMMON PROPOSALS ON WRC-19 AGENDA ITEM 9 ISSUE 9.1.7

Agenda Item 9.1 Issue 9.1.7:

“Issue 2) in the Annex to Resolution 958 (WRC-15) Studies 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).”*

1. Background

The issue under study is uplink transmissions from such satellite terminals not adhering to certain international regulations or national service rules: i.e. an earth station operating in the territory of a country without any authorization obtained from that country.

While the 2015 ITU Radiocommunication Assembly (RA-15) addressed this matter through the establishment of Resolution ITU-R 64 *Guidelines for the management of unauthorized operation of earth station terminals*, WRC-15 subsequently included further studies under Issue 2 Annexed to Resolution 958 (WRC-15).

The Annex to Resolution 958 (WRC-15) calls for ITU-R studies to assess the need for additional measures to limit uplinks of unauthorized earth stations and to examine the possible methods to assist administrations to manage the issues of unauthorized earth stations deployed within its territory. ITU-R Working Party 1B has collected necessary information through a questionnaire for the studies and has developed possible options to resolve the agenda item.

As per current draft CPM report under this agenda item, there are two methods to satisfy issue 2a as follows:

- a. Option 1: no change to the Radio Regulations as current measures are sufficient
- b. Option 2: develop a new WRC Resolution to assist administrations with the application of RR No. 18.1.

Meanwhile, there is only one method to satisfy issue 2b under this agenda item which is to provide necessary guidelines on satellite monitoring capabilities, along with possible revision and/or further development of ITU-R reports or handbooks to assist administrations with managing unauthorized operation of earth station terminals deployed within their territory as a tool to guide their national spectrum management.

2. Views and Proposals

Thailand is of the view that international regulatory measures stated in the RR Article 18 are sufficient for addressing the issue of unauthorized earth station in fixed satellite service and therefore Thailand supports Option 1 – NOC to the RR for issue 2a.

Nevertheless, Thailand supports the development of ITU-R reports or handbooks to assist administrations with managing unauthorized operation of earth station terminals deployed within their territory and therefore Singapore supports the only option for Issue 2b.