



ITU-APT Foundation of India

## **PROPOSED MODIFICATIONS TO WORKING DOCUMENT TOWARDS A DRAFT NEW APT REPORT ON NON-GSO EARTH STATION TERMINALS IN THE KU- BAND**

### **1. Introduction**

At last AWG-30 meeting, APT continued working on the new APT report on Non-GSO Earth Station Terminals in the Ku-band, in order to assist APT administrations with the development of the required national licensing processes and facilitate seamless movement of authorized/licensed NGSO Earth Station Terminals on board airplanes and ships.

IAFI believes that the information and guidance from this work item is extremely important and needs to be made available to administrations as soon as possible. NGSO User Terminals deployment on ships has already started elsewhere in the world, and airlines will follow very soon. We believe that a clear understanding of the technical characteristics of such NGSO terminals is necessary to inform administration as they establish their domestic regulation for NGSO systems.

Therefore, the proposed new APT Report should aim to provide a technical analysis based on characteristics of NGSO earth station terminals used for mobility applications, and example regulations in other regions for facilitating the operation of such terminals in their countries.

In India, for example, the Telecommunication Engineering Center (TEC) Department of Telecommunications has already initiated consultations on the standards for both Fixed and Mobile NGSO Earth Station Terminals, to facilitate the Type-Approval and licensing of user terminals. This standard is expected to be finalized soon.

### **2. Proposal**

IAFI urges the AWG to finalize this report at this 31<sup>st</sup> meeting, in accordance to the mini-workplan of this work item. This will facilitate early deployment of NGSO Earth station terminals so that the people in Asia Pacific Region using the airlines and shipping companies in could also benefits from the new NGSO capabilities expeditiously.