

Earth Stations in Motion

Considerations and Recommendations for Authorizations

Presentation for the Caribbean Telecommunications Union
Spectrum Management Task Force Meeting

February 2023

The logo for GVF, consisting of the letters 'GVF' in a bold, white, sans-serif font. The 'G' is stylized with a white arrow pointing to the right, integrated into its shape. The background of the slide features a large, faint, light-red graphic of a satellite dish or antenna structure on the right side.

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Recommended Authorization Framework for ESIM



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- ④ **Harmonise authorization procedures, as much as possible, among CTU administrations**

 - ④ **Establish a transparent regulatory framework, with clear rules to provide regulatory certainty to support long term investment**
 - ④ **Appropriate actions to publish, in a timely manner, procedures for authorised user terminals operations in their countries**

 - ④ **Designation of relevant frequencies for use by satellite user terminals on a domestic or regional basis, consistent with ITU-RR**

 - ④ **A light regulatory touch is recommended**

- ④ ESIM (aeronautical, maritime) should be authorized for radio communication by the administration of the country in which the airplane or ship is registered
- ④ Licences duly issued by other countries should be recognised, if in compliance with local spectrum allocations and regulations, to grant the possibility for aeronautical and maritime ESIM to temporarily transit across borders and avoid gaps in service provision

Consider creating a regional recommendation to:

- Ⓢ Allow for temporary transit of foreign aeronautical and maritime ESIM, duly authorized in the country of registration, in accordance with domestic table of frequency allocation
- Ⓢ Exempt ESIM from individual licensing, to the extent licensing is required.

Blanket or Class license covers a number of terminals with similar technical and operational characteristics. Benefits of Blanket or generic/class Licensing:

- Ⓞ **Enables the efficient and cost-effective implementation** and deployment of user terminals by avoiding terminal-by-terminal licenses, for the ultimate benefit of the users
- Ⓞ **Reduces administrative burden:** for both the national administrations and the applicants, in connection with the authorization of terminals

However:

- Ⓞ **Fees need to be reasonable:** For example, a fixed annual fee based on cost-recovery, independent of number of stations authorised under a blanket licence

CITEL work on blanket licensing:

- Ⓞ CITEL has already adopted Recommendation 52 to encourage blanket licensing for VSAT; discussions are underway in PCC-II regarding a possible revision to Rec.52 to also include blanket licenses for Earth Stations In Motion (ESIM)

CTU Administrations are encouraged to support the development of the proposed revision of Recommendation 52

THANK YOU FOR YOUR ATTENTION!

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