|  |  |  |  |
| --- | --- | --- | --- |
| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
|  | |  | |
|  | |  | |
| PLENARY MEETING | | **Document 194-E** | |
|  | | **30 October 2023** | |
|  | | **Original: English** | |
|  | | | |
| Note by the Secretary-General | | | |
| AGREED POSITION OF THE INTERSPUTNIK INTERNATIONAL ORGANIZATION OF SPACE COMMUNICATIONS ON THE AGENDA ITEMS OF THE WORLD RADIO CONFERENCE 2023 OF THE INTERNATIONAL TELECOMMUNICATION UNION | | | |
|  | | | |
|  | | | |

I have the honour to bring to the attention of the Conference, at the request of the Intersputnik International Organization of Space Communications, the annexed information paper.

Doreen Bogdan-Martin  
 Secretary-General

AGREED POSITION OF THE INTERSPUTNIK INTERNATIONAL ORGANIZATION OF SPACE COMMUNICATIONS ON THE AGENDA ITEMS OF THE WORLD RADIO CONFERENCE 2023 OF THE INTERNATIONAL TELECOMMUNICATION UNION

This document contains the agreed position of the Intersputnik International Organization of Space Communications (IOCS) (Intersputnik) on the agenda items of the World Radiocommunication Conference 2023 (WRC‑23) of the International Telecommunication Union (ITU), related to satellite communications and other activities of the Organization (Intersputnik Position).

# 1 Background on Intersputnik

The Intersputnik International Organization of Space Communications, founded under the Agreement on the establishment of the Intersputnik international system and organization of space communications signed on 15 November 1971, is an international intergovernmental organization, the mission of which is to contribute to the strengthening and development of economic, scientific, technical, cultural and other relations by communications, radio and television broadcasting via satellites and to ensure cooperation and coordination of efforts in the design, establishment, operation and development of the Intersputnik international satellite telecommunications system.

# 2 Intersputnik Position for the WRC-23

The Intersputnik Position was approved by the Intersputnik Operations Committee in accordance with Intersputnik rules and procedures. **This position however does not reflect the unanimous position of the Signatories of the Intersputnik IOSC on the agenda items of WRC-23**.

The table below summarizes the position of Intersputnik on selected Agenda Items:

| **Agenda Item (AI)** | **Intersputnik Position** |
| --- | --- |
| ***AI 1.2***  matters of International Mobile Telecommunications, including possible additional allocations to the mobile service on a primary basis for certain frequency bands in accordance with Resolution **245** **(WRC-19)**. | *Band 3 − 3 600−3 800 MHz (Region 2)*:  **Support Method 3A**, implying the exclusion of Resolution **245** **(WRC‑19)** without additional changes to the Radio Regulations (RR).  *Band 4 − 6 425−7 025 MHz (Region 1)*:  **Support Method 4D** - to define the frequency band 6 425-7 025 MHz in Region 1 for IMT by creating a new RR footnote with conditions, which are contained in the draft new WRC Resolution and apply only to the frequency band 6 425-7 025 MHz. |
| ***AI 1.16***  use of the frequency bands 17.7−18.6 GHz, 18.8-19.3 GHz, 19.7−20.2 GHz (space-to-Earth), 27.5-29.1 GHz and 29.5−30 GHz *(Earth-*to-space) by earth stations in motion communicating with space stations in the non-geostationary-satellite orbit in the fixed-satellite service. | **Support Method B** - to add a new footnote to Article **5** of the RR, which would contain a reference to the new WRC Resolution with technical, operational and regulatory conditions operation of non-GSO maritime and aeronautical ESIMs, while ensuring the protection of services with allocations, and thereby delete Resolution **173** **(WRC‑19)**. |
| ***AI 1.17***  determine and carry out, on the basis of the ITU‑R studies in accordance with Resolution **773** **(WRC‑19)**, the appropriate regulatory actions for the provision of inter-satellite links in specific frequency bands, or portions thereof, by adding an inter-satellite service allocation where appropriate. | **Support Method B5** - this method will be identical to any of the Methods B1-B4, with the exception of the frequency band 11.7-12.7 GHz, for which Method B1 is used by default. |
| ***AI 1.19***  issue of a new primary allocation to the fixed-satellite service in the space-to-Earth direction in accordance with Resolution **174** **(WRC‑19)**. | **Support Method B** - to amend the footnotes of Article **5** of the RR, which refer to the allocation of the frequency band 17.3-17.7 GHz in FSS Region 2 in the space-to-Earth direction. |
| ***AI 7 (Topic A)***  Tolerances for certain orbital characteristics of non-GSO space stations of the FSS, BSS or MSS. | **Support Method A2** - a new WRC Resolution containing specific regulatory measures that allow deviations from the declared or recorded characteristics of the orbital plane for operational purposes, in including temporary deviations, for example, during the reorganization of satellites in the orbital plane after the launch of new non-GSO space stations. It is also proposed to consider space stations that do not comply with tolerances, including those determined for temporal deviations, as not meeting the declared and/or recorded orbital parameters of the corresponding non-GSO system, and therefore should not be considered subject to RR Nos. **11.44C**, **11.49.2** and **11.51** as appropriate. |
| ***AI 7 (Topic B)***  Non-GSO bringing into use post-milestone procedure. | **Support Method B2** - to delete paragraph 19 of the “*resolves*” section of Resolution **35** **(WRC‑19)**, which is no longer required. Develop a draft new Resolution introducing a threshold to reduce the number of deployed satellites capable of transmitting/receiving on registered frequency assignments for the application of this Resolution. |
| ***AI 7 (Topic C)***  Protection of geostationary-satellite networks in the mobile-satellite service operating in the 7/8 GHz and 20/30 GHz bands from emissions of non-geostationary-satellite systems operating in the same frequency bands and identical directions. | **Support Method C2**, under which the concept of RR No. **22.2** is extended to the GSO MSS in the frequency bands 7 250-7 750 MHz (space-to-Earth), 7 900−8 025 MHz (Earth-to-space), 20.2-21.2 GHz (space-to-Earth) and 30−31 GHz (Earth-to-space) with the addition of the new provision No. **22.2*bis***. |
| ***AI 7 (Topic E)***  RR Appendix **30B** improved procedures for new Member States. | **Support Method E2** - to grant new ITU Member States the same privileges that were granted by WRC‑19 to administrations without assignments in the Appendix **30B** List to the RR or with assignments in the process of coordination. |
| ***AI 7 (Topic G)***  Revisions to Resolution **770** **(WRC‑19)** to allow its implementation. | **Support Method G2** - to amend Resolution **770** **(WRC‑19)** to ensure its implementation. |
| ***AI 7 (Topic H)***  Enhanced protection of RR Appendices **30/30A** in Regions 1 and 3 and RR Appendix **30B**. | **Support Method H2A** - not to change the Radio Regulations. |
| ***AI 7 (Topic I)***  Special agreements under RR Appendix **30B**. | **Support Method I2**, which proposes to:  – define a new type of agreement between notifying administrations of a national allotment and of an assignment, respectively. Under such an agreement, the administration of the national allotment allows the assignment to operate until the bringing into use of its national allotment. At that time (that is to say, from the moment that the national allotment is brought into use), the administration of the assignment commits to respect the section 2.2 of Annex 4 pfd levels over the territory of the national allotment. As the national allotment and the assignment will not operate simultaneously the same frequency over the same area, mutual interference is not considered;  – develop a new Resolution allowing the notifying administration of a national allotment, subject to agreements under § 6.15 of RR Appendix **30B**:  • to sign this new type of agreement with the notifying administration of the concerned assignments;  • to request the Bureau to update the reference situation without reviewing the previous examinations;  – to request the notifying administrations of assignments for which the procedures of Article **6** of RR Appendix **30B** have not yet been completed and which have been examined by the Bureau before the signature of such agreement to make their utmost efforts to take into account the new reference situation of this national allotment. |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_