

# ITU-R Study Group 7

## Science services ([itu.int/go/itu-r/sg7](https://itu.int/go/itu-r/sg7))

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RAG, Geneva, 30 March – 2 April 2026



# Structure

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- **Working Party 7A** - Time signals and frequency standard emissions: Systems and applications (terrestrial and satellite) for dissemination of standard time and frequency signals → **Chair: Mr. Joseph Achkar (France)**
- **Working Party 7B** - Space radiocommunication applications: Systems for transmission/reception of telecommand, tracking and telemetry data for space operation, space research, Earth exploration-satellite, and meteorological satellite services, including the related use of links in the inter-satellite service → **Chair: Ms. Catherine Sham (USA)**
- **Working Party 7C** - Remote sensing systems: active and passive remote sensing applications in the Earth exploration-satellite service and systems of the MetAids service, including space weather sensors as well as space research sensors, including planetary sensors → **Chair: Mr. Bruno Espinosa (European Space Agency (ESA))**
- **Working Party 7D** - Radio astronomy: radio astronomy and radar astronomy sensors, both Earth-based and space-based, including space very long baseline interferometry (VLBI) → **Chair: Mr. Balthasar Indermuehle (Australia)**

# WRC-27 Agenda Item preparations under SG7 lead

WRC-27 Agenda Item	Responsibility
<p><b>1.15</b> Possible new or modified space research service (space-to-space) allocations, for future development of communications on the lunar surface and between lunar orbit and the lunar surface (Resolution 680 (WRC-23))</p>	<p><b>WP 7B</b> (WP 7A, 7C, 7D to contribute)</p>
<p><b>1.16</b> Protection of radio astronomy operating in specific Radio Quiet Zones and, in frequency bands allocated to the radio astronomy service on a primary basis globally, from aggregate radio-frequency interference caused by non-geostationary satellite orbit systems, in accordance with Resolution 681 (WRC-23)</p>	<p><b>WP 7D</b></p>
<p><b>1.17</b> Regulatory provisions and potential primary allocations to the meteorological aids service (space weather) to accommodate receive-only space weather sensor applications in the RR, in accordance with Resolution 682 (WRC-23)</p>	<p><b>WP 7C</b> (WP 7B, 7D to contribute)</p>
<p><b>1.18</b> Possible regulatory measures regarding the protection of the Earth exploration-satellite service (passive) and the radio astronomy service in certain frequency bands above 76 GHz from unwanted emissions of active services, in accordance with Resolution 712 (WRC-23)</p>	<p><b>WP 7C</b> (resolves 1) <b>WP 7D</b> (resolves 2)</p>
<p><b>1.19</b> Possible primary allocations in all Regions to the Earth exploration-satellite service (passive) in the frequency bands 4 200-4 400 MHz and 8 400-8 500 MHz, in accordance with Resolution 674 (WRC-23)</p>	<p><b>WP 7C</b> (WP 7B to contribute)</p>

# Status

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- All works on WRC-27 agenda items under the responsibility of WPs 7B, 7C and 7D are progressing nominally in the overall time plan established towards the finalisation of the Draft CPM text.
  - Studies are progressing with converging results which facilitates the progression of CPM-Text towards a minimum amount of methods to satisfy the agenda item, ideally into a single method.
    - Summary tables are under development to facilitate comparison of used methodologies, criteria, characteristics, propagation models, etc, although for some AIs the number of studies is limited and/or converging in their results.
- Despite the good progress there is still a significant amount of work to be performed for finalising the Draft CPM-Text and only one meeting still left before the deadline.
  - This requires to concentrate the work of the September 2026 meetings of WPs 7B/C/D on the finalisation of the Draft CPM-Text, which requires maximising the number of time slots available for this last meeting.
    - Consequence: Unavoidable overlapping slots for dealing with CPM-Texts for the 5 AIs under WPs 7B/C/D responsibility, use of the 5<sup>th</sup> slot from day one and meeting slots on the weekend. For this, the chairs depend on the understanding of participants.



# Other issues

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- During consideration of a revision of an ITU- R Recommendation at the recent SG7 meeting a principal issue was raised with regard to what should be referred to in a “considering” or a “recognising”.
  - In consultation with the BR, there are no definitions of what information should be used in considering, recognizing, or noting, and instead it has been determined by example and tradition.
  - It was concluded at SG7 that this would be a principal issue for RAG to consider.