



Outcome of APG 27-3

Nobuyuki Kawai

Chair, APG-27

Chair, ITU-R Working Party 4C

31 August 2026

APT (Asia-Pacific Telecommunity)



- APT was founded in 1979 as an inter-governmental organization
- Focal for the preparation of major ITU conferences including WRC (World Radiocommunication Conferences)
- 38 Members (Administrations),
4 Associate Members and 141 Affiliate Members

APT Conference Preparatory Group for WRCs (APG)

- Established with the objective of harmonizing views and developing common proposals from the Asia-Pacific region at WRCs
- The main objective of APG is to organize coordinated regional activities for WRCs and RAs in order to ensure that the interests of APT Members on Radiocommunication issues are properly represented.

WRC	RA	Others
● Preliminary Views of agenda items ● Contributions to CPM ● APT Common Proposals (ACP) to WRC ● Coordination during CPM and WRC	● Preliminary Views ● APT Common Proposal (ACP) to RA ● Coordination during RA	● Communications with ITU and other regional organizations (Inter-regional activities)

WRC: World Radiocommunication Conference
RA: Radio Assembly
CPM: Conference Preparatory Meeting

Regional Telecommunication Organizations

Resolution 72 (rev. WRC-19) invites regional telecommunication organizations to continue their preparations for WRCs and provide the BR with a document containing the latest version of their views, positions and/or proposals under the agendas of WRCs

Asia-Pacific Telecommunity (APT)



- ▶ <http://www.apg.int/APTAPG>
- ▶ Chair, APG-27:
Mr. Nobuyuki Kawai, Japan,
no-kawai@kddi.com
aptapg@apt.int
- ▶ APT Preliminary Views on WRC-27
(as a result of APG27-2)



Arab Spectrum Management Group (ASMG)



- ▶ www.asmg.bh
- ▶ Chair, ASMG:
Mr. Tariq AL AWADHI, UAE,
tariq.alawadhi@tdra.gov.ae
- ▶ ASMG Work for WRC-27 Preparation
(version of 30 October 2025)



African Telecommunications Union (ATU)



- ▶ <http://www.atuuat.africa>
- ▶ Secretary General – African Telecommunications Union:
Mr. John OMO
sg@atuuat.africa



European Conference of Postal and Telecommunications Administrations (CEPT)



- ▶ <http://www.cept.org/ecc/groups/ecc/cpg>
- ▶ Chair, CPG:
Mr. Stephen Talbot, United Kingdom
stephen.talbot@ofcom.org.uk
- ▶ CPG Chair - Presentation for WRC-27
June 2025 (version of 9 July 2025)



Inter-American Telecommunication Commission (CITEL)



- ▶ <http://www.citel.oas.org/en/Pages/PCCII>
- ▶ Chair of the PCC.II Working Group relative to the CITEL's Preparation for WRCs:
Mr. Ricardo Martinez, Colombia (Rep)
ricardo.martinez@ane.gov.co
- ▶ Status of the preparation for WRC-27
46th meeting of PCC.II (version of 10 October 2025)



Regional Commonwealth in the Field of Communications (RCC)

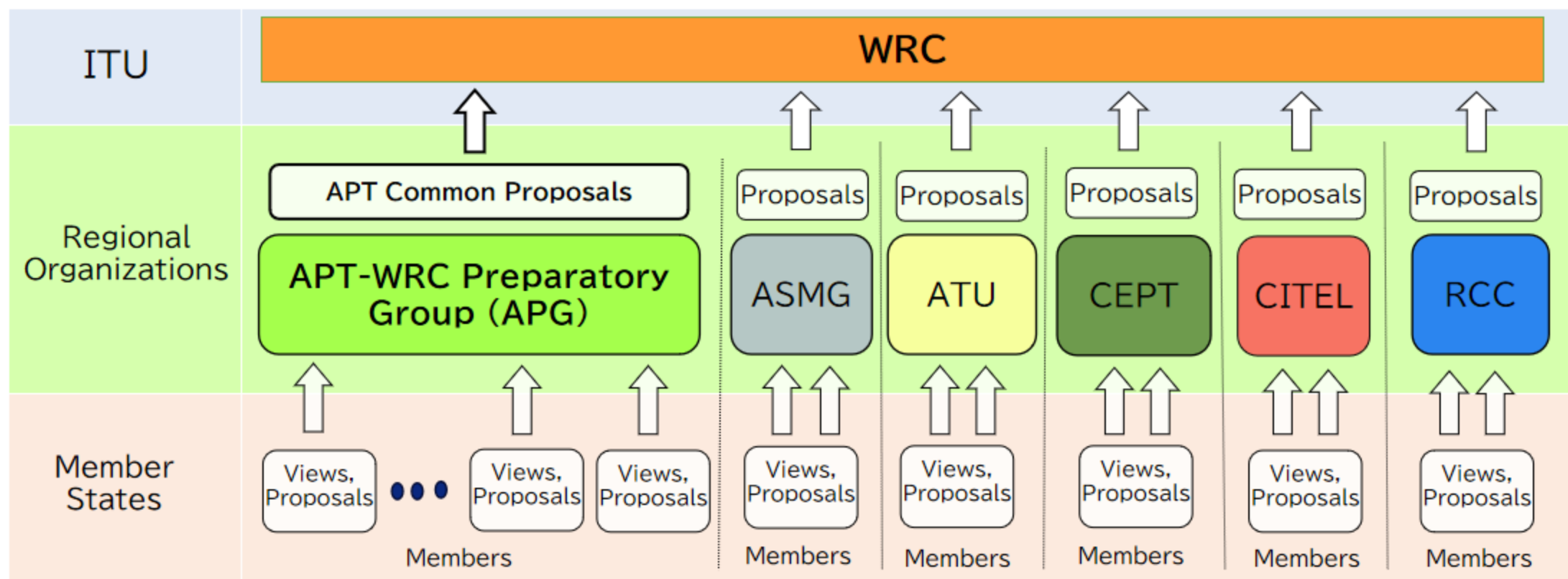


- ▶ <http://en.rcc.org.ru>
- ▶ Chair, RCC WG WRC-27/RA-27 *:
Mr. Sergey Pastukh, Russian Federation
serg-past@mail.ru; pastuhsy@nic-t.ru
- ▶ Draft preliminary position of the RCC Administrations on the WRC-27 agenda
(version of 3 October 2025)



Process towards WRC

- Prior to a WRC, regional organizations develop their view and proposals on WRC agenda items through their regional preparatory meeting toward WRC
- In recent years, proposals from regional organizations would be more weighted than proposals from individual member states

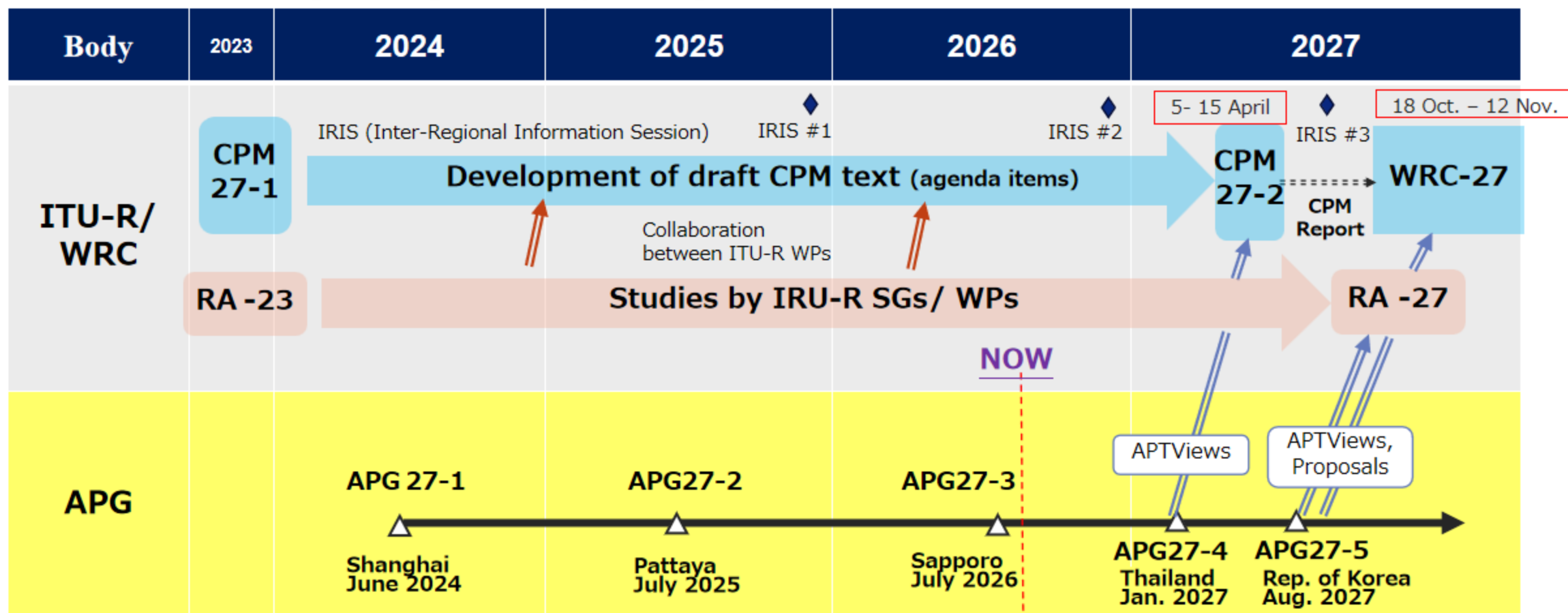


APT (Asia Pacific Telecommunity)
 ASMG (Arab Spectrum Management Group)
 ATU (African Telecommunications Union)

CEPT (Conference of European Postal and Telecommunications Administration)
 CITEL (The Inter-American Telecommunication Commission)
 RCC (Regional Commonwealth in the field of Communications)

Major Milestones

- Each agenda item is studied by relevant ITU-R Working Parties (WPs) between 2024 and 2027.
- Based on the studies CPM Report is developed.
- Preparation by regional organization (including APT) is conducted.



Structure of APG-27



Vice-Chair, APG-27
Christopher Worley (Australia)



Chair, APG-27
Nobuyuki Kawai
(Japan)



Vice-Chair, APG-27
Ali Reza Darvishi (Islamic
Republic of Iran)



Special Adviser, APG-27
Zhao Zheng (People's
Republic of China)



Chair, Editorial Committee, APG-27
Bharat Bhatia (India)

Working Party Chairs / Co-Chairs

WP1: Co-Chairs FSS/BSS



Cheng Fenhong
(People's Republic
of China)
AIs: 1.5, 1.6, 7



**Mrunmaya Kumar
Pattanaik** (India)
AIs: 1.1, 1.2, 1.3, 1.4

WP2: Co-Chairs Terrestrial



Bui Ha Long
(Viet Nam)
AIs: 1.7, 1.1



Satoshi Imata
(Japan)
AIs: 1.8, 1.9

WP3: Co-Chairs MSS



**Meiditomo
Sutyarjoko**
(Indonesia)
AIs: 1.12, 1.14



Dae-sub Oh
(Republic of Korea)
AIs: 1.12, 1.14

WP4: Chair Science



Wahundi Hasbi
(Indonesia)
AIs: 1.15, 1.16,
1.17, 1.18, 1.19

WP5: Chair General



Jae-woo Lim
(Republic of Korea)
AIs: 2, 4, 8, 9, 10

7 Chairs of Drafting Groups

Agenda Item	DG Chair
1.1	Mr. Hyung-jun Baek (Republic of Korea)
1.2	Mr. Vasavat Somswang (Thailand)
1.3	Mr. Nguyen Huy Cuong (Viet Nam)
1.4	Ms. Linda Wong (Australia)
1.5	Mr. Per Hovstad (Hong Kong, China)
1.6	Ms. Bo Zhang (People's Republic of China)
1.7	Ms. Juyeon Song (Rep. of Korea)
1.8	Mr. Fang Jicheng (People's Republic of China)
1.9	Mr. Glenn Odlum (Australia)
1.10	Mr. Shinya Otsuki (Japan)
1.11	Ms. Sofi Jebasundaram (India)
1.12	Dr. Azim Fard (Islamic Republic of Iran)

Agenda Item	DG Chair
1.13	Dr. Tan Wang (People's Republic of China) Mr. Yusuke Fukui (Japan)
1.14	Mr. Alex Orange (Papua New Guinea)
1.15	Mr. Kevin Knights (Australia)
1.16	Dr. Su-chan Bong (Republic of Korea)
1.17	Mr. Takahiro Yokoyama (Japan)
1.18	Mr. Han Rui (People's Republic of China)
1.19	Dr. Sohel Rana (Bangladesh)
2 & 4	Ms. Keiko Mori (Japan)
7	Ms. Geetha Remy Vincent (Malaysia) Ms. Ting Ling Lee (Singapore) Mr. Arun Kumar (India)
10	Terrestrial Issues: Dr Choong-keun Oh (Republic of Korea)

Summary of APG27-3 (overall)

Date: 27 - 31 July 2026
Venue: Sapporo, Japan
Participants: 850 delegates of which 500 in-person participants

- Taking into account the critical role of APG 27-3 out of 5 APG meetings in this cycle (i.e. full review of ITU-R studies and views of other regional groups), APT Preliminary Views of all WRC-27 agenda items were duly updated based on input contributions from APT Members.
- Exchanges of information and views with representatives from other regional organizations (CEPT, CITEL and RCC) were conducted through formal sessions and off-line discussions including social events.
- The venues/ months of APT27-4 and 5 were agreed as well as its objectives and expected outputs.

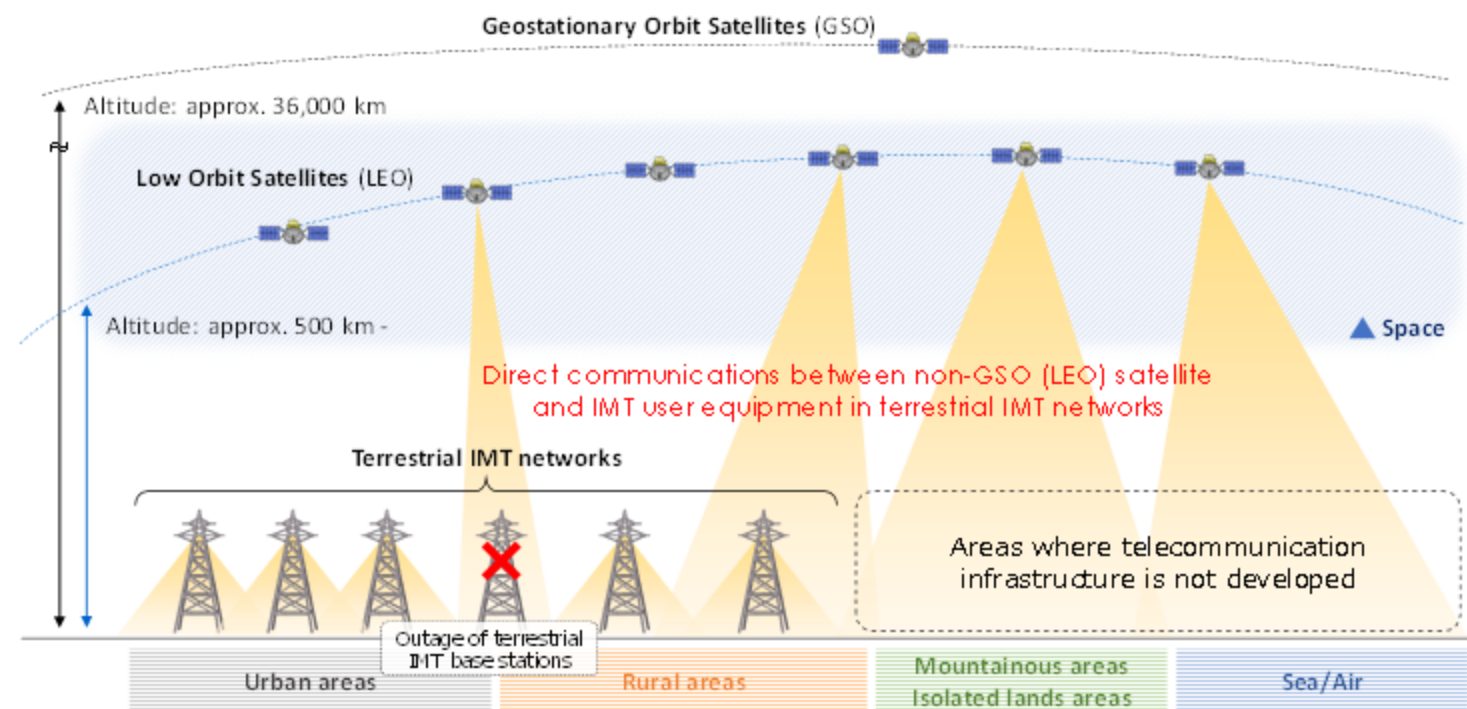


Agenda items of interest by APT

Agenda items in the table below will be reported as those of interest by APT at IRIS #2 meeting in December 2026.

Agenda item	Description
1.2 (Res. 129)	Possible revisions of sharing conditions in 13.75-14 GHz to allow the use of uplink FSS earth stations with smaller antenna sizes
1.5 (Res. 14)	Regulatory measures, and implementability to limit the unauthorized operations of non-GSO earth stations in FSS/MSS and issues related to the service area of non-GSO systems in FSS /MSS
1.7 (Res. 256)	Sharing and compatibility and develop technical conditions for the use of IMT in 4 400-4 800 MHz, 7 125-8 400 MHz (or parts thereof), and 14.8-15.35 GHz
1.9 (Res. 411)	Appropriate regulatory actions to update Appendix 26 to the Radio Regulations in support of aeronautical mobile (OR) high frequency modernization
1.12 (Res. 252)	Possible allocations to MSS and possible regulatory actions required for the future development of low-data-rate (LDR) non-geostationary mobile-satellite systems
1.13 (Res. 253)	Possible new allocations to MSS for direct connectivity between space stations and IMT user equipment to complement terrestrial IMT network coverage
7 (Topic E)	Potential regulatory improvements related to the application of RR No. 4.4 to stations of space services
10 (Res. 804)	Inclusion in the agenda for the next world radiocommunication conference, and items for the preliminary agenda of future conferences

Possible new allocations to MSS for direct connectivity between space stations and IMT user equipment to complement terrestrial IMT network coverage



Document 4C/29 (Japan)

- To expand the coverage of terrestrial IMT network as well as securing network resilience in the case of emergency (i.e. natural disasters and large-scale network failures)
- Closely collaborative works between WP 4C (MSS) and WP 5D (terrestrial IMT) have been conducted to prepare for WRC-27
- Target frequency bands which align with frequency arrangements specified in the latest version of Rec. ITU-R M.1036 (i.e. currently -8 in February 2026)

✓ Preliminary Views of APT:

- APT Members support to carry out necessary and appropriate studies to respond, to the extent practicable, to the objectives of Resolution 253 (WRC-23)
- APT Members are of the view that the use of the frequency bands studied for DC-MSS-IMT together with associated conditions should be reflected in the footnote and pointed to new WRC Resolution(s) for this agenda item
- APT Members are of the view that the operation of the DC-MSS-IMT including the rationale of reference to MNO and SNO with their associated responsibility as well as other technical and regulatory issues are to be clearly addressed and agreed by consensus
- APT Members are of the view that the results of compatibility studies under this agenda item need to ensure the continued protection of incumbent services in-band and adjacent bands

✓ Discussion points: * Only a part of entire item lists are listed below.

- Responsibilities and Roles of SNO/MNO in the operation of the DC-MSS-IMT
- Interference aggregation from multiple systems, cross-border coordination/operation, beam control and interference mitigation
- Methodology to validate the compliance of a DC-MSS-IMT with applicable limits
- Definition and application of PFD limits from a single/multiple satellite system(s)



✓ Preliminary Views of APT:

- APT Members support the consideration of items at WRC-31 that are of international and regional importance, which can only be effectively addressed through a WRC, and which are likely to be resolved within the available time and resources
- APT Members are of the view that in developing new WRC agenda items:
 - taking into account the Principles for establishing agendas for WRCs as detailed in [Annex 1 to Resolution 804](#) (Rev.WRC-23) fully be taken into account
 - using the Guidance for the development of resolutions related to agenda items of world radiocommunication conferences as detailed in [Annex 2 to Resolution 804](#) (Rev.WRC-23) be used.
 - using the Template for the submission of proposals for agenda items as given in [Annex 3 to Resolution 804](#) (Rev.WRC-23)
 - the volume of the agenda of a WRC and the workload of the preparatory work needed to be kept at a manageable level. Therefore, number of agenda item shall be absolutely minimum and manageable, taking into account that there are 14 preliminary agenda items for WRC-31 plus 10 standing agenda items including agenda item 7 which could be much more than one item
 - issues that can be resolved under the standing agenda items of WRCs or through the regular activities of ITU-R should not be converted into separate agenda item of WRCs

Agenda item 10 – Future WRCs' agenda items (2/2)

New Agenda Items proposed by APT Members at APG27-3 for consideration at APG27-4 and APG27-5

- New MSS allocation for D2D bands above 2.7 GHz
- NGSO FSS in 18.6-18.8 GHz (s-E), 19.3-19.7 GHz (s-E) and 29.1-29.5 GHz (E-s)
- Amendment to 5.345 in L-band
- New allocation to FSS (E-s) in bands 92-94 GHz ++, FSS (s-E) in bands 209-226 GHz ++, FSS (s-E & E-s) in bands 130-134 GHz ++
- Revision to sharing condition in Ku-band FSS + new FSS E-s spectrum
- New FSS s-E in Ku-band
- Article 22.2 possible reform

14 Provisional objectives and expected outcomes of APG 27-4

Provisional objectives

- to review the results of the APG27-3 meeting
- to consider the progress in ITU-R Study Groups in relation to WRC-27 Agenda items, and take necessary actions, as appropriate
- to update the APT preliminary views on WRC-27 Agenda Items based on input contributions from APT Members
- review the draft CPM Report and develop APT Views on proposed modification(s) to the draft CPM Report, as appropriate, for submission to CPM27-2
- to discuss APT preparations for the ITU Inter-regional Information Seminar (IRIS) on WRC-27 agenda items
- to review the activities of other regional organisations, in particular, their preliminary views/positions with a view to fostering inter-regional cooperation
- to review of issues related to RA-27 and develop preliminary views of APT, if any.
- to start the development of a draft agenda for WRC-31, and a preliminary agenda for WRC-35, taking into account the preliminary agenda for WRC-31 is available in Resolution 814 (WRC-23) and the outcomes from the second IRIS in December 2026
- to discuss the APG Coordination mechanism for CPM 27-2

Expected outcomes

- to review the results of the APG27-3 Preliminary views on WRC-27 Agenda Items
- Preliminary views on issues related to RA-27, if any
- Proposed modification(s) to the draft CPM Report, as appropriate, for submission to CPM27-2
- Objectives and expected outcomes of APG27-5
- Mechanism for coordinating APT activities during CPM27-2

Group photo



APG27-3

The 3rd Meeting of the APT Conference
Preparatory Group for WRC-27

27 - 31 July 2026
Sapporo, Japan

