

REGIONAL PREPARATIONS FOR WORLD  
RADIOCOMMUNICATION CONFERENCE - 2023



Asia Pacific Region

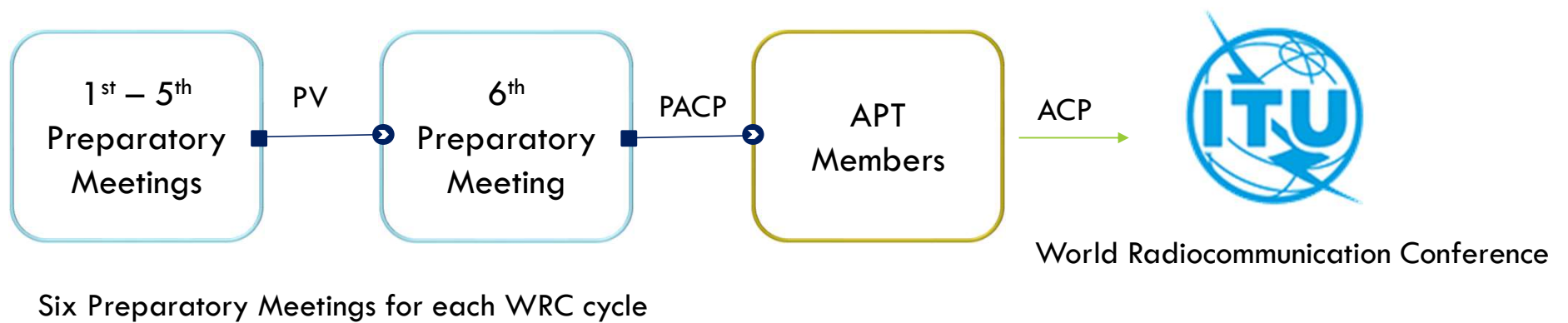
## Organized by Asia Pacific Telecommunity (APT)

- An intergovernmental organization established in 1979
- Established by joint initiatives of United Nations Economic and Social Commission for Asia and the Pacific and ITU
- 38 Members, 4 Associate Members, 135 Affiliate Members

Develop Common Proposals for ITU World Radiocommunication Conferences (WRC), Radiocommunication Assemblies (RA) and Conference Preparatory Meetings (CPM).

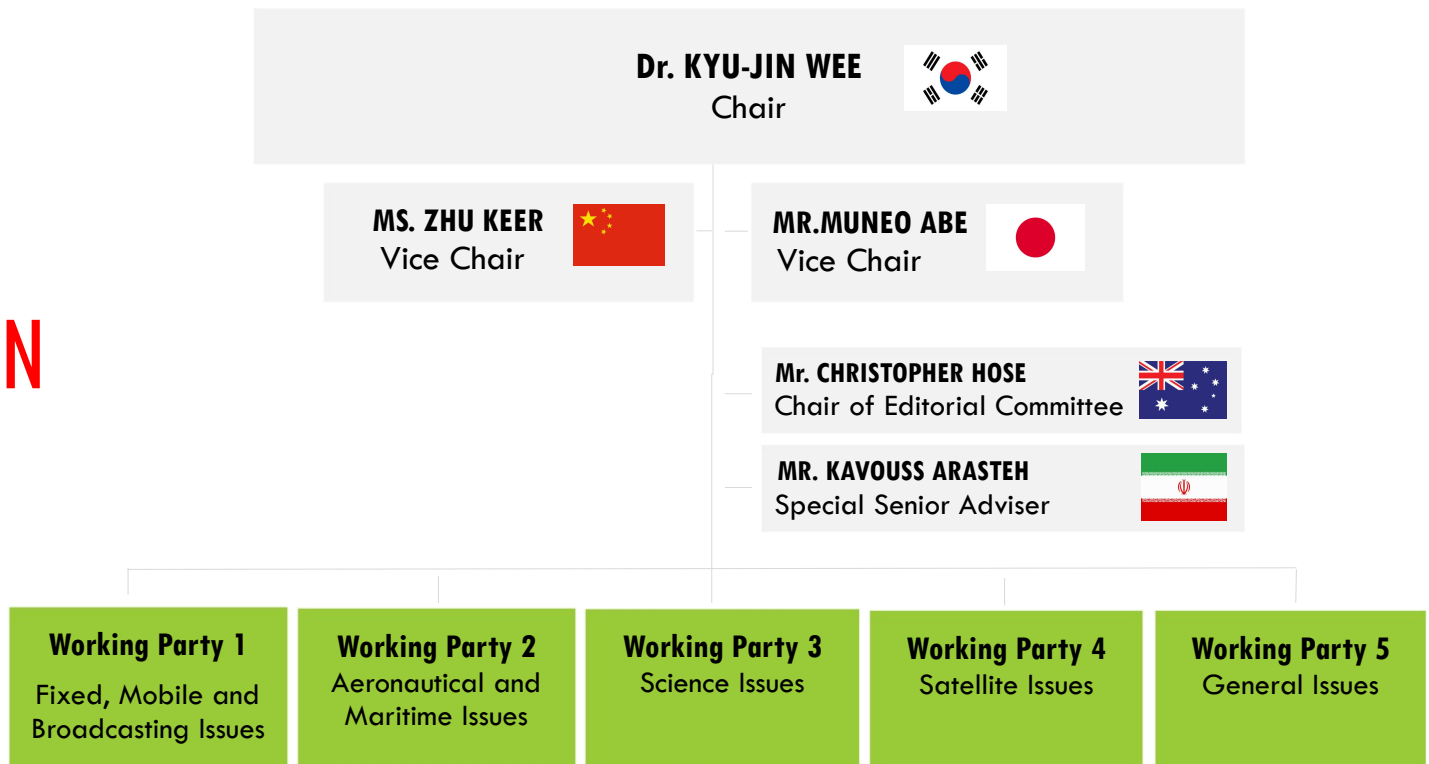
# ASIA PACIFIC TELECOMMUNITY PREPARATORY GROUP FOR RADIOCOMMUNICATION CONFERENCE (APG)

# PROCESS



**Note:** Preliminary Views (PV) / Preliminary APT Common Proposals (PACP) / APT Common Proposals (ACP)

# ORGANIZATION



# WORKING PARTY 1

FIXED, MOBILE AND  
BROADCASTING ISSUES

DR. JAE WOO LIM



DR. HIROYUKI ATARASHI



Co-Chairs

Responsible WRC-23 Agenda Items: **1.1, 1.2, 1.3, 1.4**, 1.5, 9.1 (Topic c.) & No. 21.5

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## AGENDA ITEM 1.1

to consider, based on the results of the ITU R studies, possible measures to address, in the frequency band 4 800- 4990 MHz, protection of stations of the aeronautical and maritime mobile services located in international airspace and waters from other stations located within national territories, and to review the pfd criteria in No. 5.441B in accordance with Resolution **223 (Rev.WRC-19)**

## AGENDA ITEM 1.2

to consider identification of the frequency bands 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution **245 (WRC-19)**

# WORKING PARTY 1

FIXED, MOBILE AND  
BROADCASTING ISSUES

(CONTINUE)

DR. JAE WOO LIM



DR. HIROYUKI ATARASHI



Co-Chairs

Responsible WRC-23 Agenda Items: **1.1, 1.2, 1.3, 1.4**, 1.5, 9.1 (Topic c.) & No. 21.5

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## AGENDA ITEM 1.3

to consider primary allocation of the band 3 600-3 800 MHz to mobile service within Region 1 and take appropriate regulatory actions, in accordance with Resolution **246 (WRC-19)**

## AGENDA ITEM 1.4

to consider, in accordance with Resolution **247 (WRC-19)**, the use of high-altitude platform stations as IMT base stations (HIBS) in the mobile service in certain frequency bands below 2.7 GHz already identified for IMT, on a global or regional level

# WORKING PARTY 2

AERONAUTICAL AND  
MARITIME ISSUES

MR. BUI HA LONG 

Chair

Responsible WRC-23 Agenda Items: **1.6, 1.7, 1.8, 1.9, 1.10, 1.11, Res. 427 (WRC-19)**

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## AGENDA ITEM 1.6

to consider, in accordance with Resolution **772 (WRC-19)**, regulatory provisions to facilitate radio -communications for sub-orbital vehicles;

## AGENDA ITEM 1.7

to consider a new aeronautical mobile-satellite (R) service (AMS(R)S) allocation in accordance with Resolution **428 (WRC-19)** for both the Earth-to-space and space-to-Earth directions of aeronautical VHF communications in all or part of the frequency band 117.975-137 MHz, while preventing any undue constraints on existing VHF systems operating in the AM(R)S, the ARNS, and in adjacent frequency bands;

# WORKING PARTY 2

AERONAUTICAL AND  
MARITIME ISSUES

(CONTINUE)

MR. BUI HA LONG 

Chair

Responsible WRC-23 Agenda Items: **1.6, 1.7, 1.8, 1.9, 1.10, 1.11, Res. 427 (WRC-19)**

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## AGENDA ITEM 1.8

to consider, on the basis of ITU R studies in accordance with Resolution **171 (WRC-19)**, appropriate regulatory actions, with a view to reviewing and, if necessary, revising Resolution **155 (Rev.WRC-19)** and No. 5.484B to accommodate the use of fixed-satellite service (FSS) networks by control and non-payload communications of unmanned aircraft systems;

## AGENDA ITEM 1.9

to review Appendix 27 of the Radio Regulations and consider appropriate regulatory actions and updates based on ITU-R studies, in order to accommodate digital technologies for commercial aviation safety-of-life applications in existing HF bands allocated to the aeronautical mobile (route) service and ensure coexistence of current HF systems alongside modernized HF systems, in accordance with Resolution **429 (WRC-19)**;

# WORKING PARTY 2

AERONAUTICAL AND  
MARITIME ISSUES

(CONTINUE)

MR. BUI HA LONG 

Chair

Responsible WRC-23 Agenda Items: **1.6, 1.7, 1.8, 1.9, 1.10, 1.11, Res. 427 (WRC-19)**

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## **AGENDA ITEM 1.10:**

to conduct studies on spectrum needs, coexistence with radiocommunication services and regulatory measures for possible new allocations for the aeronautical mobile service for the use of non-safety aeronautical mobile applications, in accordance with Resolution **430 (WRC-19)**;

## **AGENDA ITEM 1.11:**

to consider possible regulatory actions to support the modernization of the Global Maritime Distress and Safety System and the implementation of e navigation, in accordance with Resolution **361 (Rev. WRC-19)**;

## **Resolution 427 (WRC-19):**

Updating provisions related to aeronautical services in the Radio Regulations

# WORKING PARTY 3

SCIENCE ISSUES

MR. WAHYUDI HASBI

Chair

Responsible WRC-23 Agenda Items: 1.12, **1.13**, 1.14, 9.1 (Topics a) and d)), Res.655 (WRC-15)

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## **AGENDA ITEM 1.13:**

to consider a possible upgrade of the allocation of the frequency band 14.8-15.35 GHz to the space research service, in accordance with Resolution **661 (WRC-19)**

# WORKING PARTY 4

SATELLITE ISSUES

MR. WAHYUDI HASBI

Chair

Responsible WRC-23 Agenda Items: **1.15**, **1.16**, **1.17**, 1.18, 1.19 and 7

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## **AGENDA ITEM 1.15:**

to harmonize the use of the frequency band 12.75-13.25 GHz (Earth-to-space) by earth stations on aircraft and vessels communicating with geostationary space stations in the fixed-satellite service globally, in accordance with Resolution **172 (WRC-19)**;

## **AGENDA ITEM 1.16:**

to study and develop technical, operational and regulatory measures, as appropriate, to facilitate the use of the frequency bands 17.7-18.6 GHz and 18.8-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) and 27.5-29.1 GHz and 29.5-30 GHz (Earth-to-space) by non-GSO FSS earth stations in motion, while ensuring due protection of existing services in those frequency bands, in accordance with Resolution **173 (WRC-19)**;

# WORKING PARTY 4

SATELLITE ISSUES

(CONTINUE)

MR. WAHYUDI HASBI

Chair

Responsible WRC-23 Agenda Items: **1.15, 1.16, 1.17**, 1.18, 1.19 and 7

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## **AGENDA ITEM 1.17:**

to 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;

# WORKING PARTY 5

GENERAL ISSUES

MR. TASGHI SHAFIEE



Chair

Responsible WRC-23 Agenda Items: 2, **4, 8, 9.1 (Topic b)** & 10

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## AGENDA ITEM 4

in accordance with Resolution **95 (Rev. WRC-19)**, to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

## AGENDA ITEM 8

to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution **26 (Rev.WRC-19)**;

# WORKING PARTY 5

GENERAL ISSUES

(CONTINUE)

MR. TASGHI SHAFIEE



Chair

Responsible WRC-23 Agenda Items: 2, 4, 8, 9.1 (Topic b) & 10

WRC-23 Agenda Items with impact to spectrum use by aeronautical systems

## AGENDA ITEM 9.1 (Topic b)

Review of the amateur service and the amateur-satellite service allocations in the frequency band 1 240 1 300 MHz to determine if additional measures are required to ensure protection of the radionavigation-satellite (space-to-Earth) service operating in the same band in accordance with Resolution **774 (WRC-19)**;

# APG23-4 OUTCOME



Agenda Items aviation seeking action by WRC-23

## AGENDA ITEM 1.6

to consider, in accordance with Resolution 772 (WRC-19), regulatory provisions to facilitate radiocommunications for sub-orbital vehicles

# APT PRELIMINARY VIEW(S)

(1) APT Members support ITU-R studies of spectrum needs for communications between stations on board sub-orbital vehicles and terrestrial/space stations and of appropriate modification, if any, to the Radio Regulations consistent with Resolution 772 (WRC-19).

(2) APT Members also support that a new WRC Resolution should be developed, which contains the provisions to operate radiocommunications for sub-orbital vehicles and the definition or description of suborbital vehicle.

**Other Views Expressed**

<https://www.apt.int/>

## AGENDA ITEM 1.7

to consider a new aeronautical mobile-satellite (R) service (AMS(R)S) allocation in accordance with Resolution 428 (WRC-19) for both the Earth-to-space and space-to-Earth directions of aeronautical VHF communications in all or part of the frequency band 117.975-137 MHz, while preventing any undue constraints on existing VHF systems operating in the AM(R)S, the ARNS, and in adjacent frequency bands;

# APT PRELIMINARY VIEW(S)

(1) APT Members support ITU-R studies defined in Resolution 428 (WRC-19) for a new AMS(R)S allocation for both the Earth-to-space and space-to-Earth directions in all or part of the frequency band 117.975-137 MHz, while taking into account the protection of existing services operating in this frequency band and in adjacent frequency bands.

(2) APT Members are considering to support Method B, with the associated conditions as contained in the Draft CPM text.

**Other Views Expressed**

<https://www.apt.int/>

## AGENDA ITEM 1.8

to consider, on the basis of ITU R studies in accordance with Resolution 171 (WRC-19), appropriate regulatory actions, with a view to reviewing and, if necessary, revising Resolution 155 (Rev.WRC-19) and No. 5.484B to accommodate the use of fixed-satellite service (FSS) networks by control and non-payload communications of unmanned aircraft systems;

# APT PRELIMINARY VIEW(S)

APT Members support ongoing studies being carried out by ITU-R in relation to Agenda Item 1.8 in accordance with Resolution 171 (WRC-19).

[Other Views Expressed](#)

<https://www.apt.int/>

## AGENDA ITEM 1.9

to review Appendix 27 of the Radio Regulations and consider appropriate regulatory actions and updates based on ITU-R studies, in order to accommodate digital technologies for commercial aviation safety-of-life applications in existing HF bands allocated to the aeronautical mobile (route) service and ensure coexistence of current HF systems alongside modernized HF systems, in accordance with Resolution 429 (WRC-19);

# APT PRELIMINARY VIEW(S)

(1) APT Members support any necessary modifications to RR. Appendix 27 to accommodate wideband HF technologies for the aeronautical mobile (route) service (AM(R)S) between 2 850 and 22 000 kHz in accordance with Resolution 429 (WRC-19) with the need to avoid harmful interference to Primary services in the same and adjacent bands in particular existing AM(R)S HF systems.

(2) APT Members noted that there are differing Wideband HF technologies and are of the view that changes to RR. Appendix 27 should allow new digital wideband HF systems taking into account technology neutrality.

(3) APT Members are also of the view that the implementation of new wideband AM(R)S HF systems may require necessary coordination through ICAO given their role in organizing HF aeronautical channel plans in flight information regions.

[Other Views Expressed](#)

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## AGENDA ITEM 1.10

to conduct studies on spectrum needs, coexistence with radiocommunication services and regulatory measures for possible new allocations for the aeronautical mobile service for the use of non-safety aeronautical mobile applications, in accordance with Resolution 430 (WRC-19);

# APT PRELIMINARY VIEW(S)

(1) APT Members support ongoing ITU-R studies on spectrum needs, coexistence with radiocommunication services and regulatory measures for possible new allocations for the aeronautical mobile service for the use of non-safety aeronautical mobile applications, in accordance with Resolution 430 (WRC-19)

(2) APT Members are of the view that the protection of existing primary services in the 15.4-15.7 GHz and 22-22.21 GHz frequency bands and, as appropriate, in adjacent frequency bands should be ensured.

## AGENDA ITEM 1.10 (Continue)

to conduct studies on spectrum needs, coexistence with radiocommunication services and regulatory measures for possible new allocations for the aeronautical mobile service for the use of non-safety aeronautical mobile applications, in accordance with Resolution 430 (WRC-19);

# APT PRELIMINARY VIEW(S)

(3) APT Members are also of the view that:

- the radiolocation, aeronautical navigation and fixed-satellite (Earth-to-space) services are allocated and used in the 15.4-15.7 GHz band, and future AM(OR)S shall not cause unacceptable interference to nor claim protection from these services.
- the frequency band 21.2-23.6 GHz is extensively used by terrestrial services, in particular fixed service, to support the development of telecommunication infrastructure in many countries and crucial in developing countries and no adverse effect by the potential AM(OR)S allocation on the terrestrial services allocated in this band and its future development should be ensured.

Other Views Expressed

<https://www.apr.int/>

## Resolution 427 (WRC-19):

Updating provisions related to aeronautical services in the Radio Regulations

# APT PRELIMINARY VIEW(S)

(1) APT Members support ITU-R studies on the relevant Articles of Radio Regulations and their associated appendices to identify outdated aeronautical provisions, and the development of regulatory texts for updating these provisions, in accordance with Resolution 427 (WRC-19).

(2) APT Members are of the view that any proposed changes to Radio Regulations should not impact current and planned aeronautical systems or applications.

**Other Views Expressed**

<https://www.apt.int/>



Agenda Items with possible impact to aviation spectrum

**APG23-4 OUTCOME**

## AGENDA ITEM 1.1

to consider, based on the results of the ITU R studies, possible measures to address, in the frequency band 4 800- 4990 MHz, protection of stations of the aeronautical and maritime mobile services located in international airspace and waters from other stations located within national territories, and to review the pfd criteria in No. 5.441B in accordance with Resolution 223 (Rev.WRC-19)

# APT PRELIMINARY VIEW(S)

APT Members support the on-going ITU-R studies relating to Agenda Item 1.1.

[Other Views Expressed](#)

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## AGENDA ITEM 1.2

to consider identification of the frequency bands 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Tele-communications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution 245 (WRC-19)

# APT PRELIMINARY VIEW(S)

### 3 600-3 800 MHz (Region 2)

APT Members support ITU-R studies with a view that any possible IMT identification in the frequency band 3 600-3 800 MHz in Region 2 shall protect the services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3 so that these services shall in no way be adversely affected.

## **AGENDA ITEM 1.2 (Continue)**

to consider identification of the frequency bands 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Tele-communications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution 245 (WRC-19)

# APT PRELIMINARY VIEW(S)

### **6 425-7 025 MHz (Region 1)**

APT Members are of the view that any possible IMT identification in the frequency band 6 425-7 025 MHz in Region 1 shall protect the services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3 so that these services shall in no way be adversely affected.

APT Members support the on-going sharing and compatibility studies in ITU-R in accordance with Resolution 245 (WRC-19) for the frequency band.

## **AGENDA ITEM 1.2 (Continue)**

to consider identification of the frequency bands 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Tele-communications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution 245 (WRC-19)

# **APT PRELIMINARY VIEW(S)**

### **7 025-7 125 MHz (Globally)**

APT Members support the on-going sharing and compatibility studies in ITU-R in accordance with Resolution 245 (WRC-19).

APT Members support potential IMT identification in the frequency band 7 025-7 125 MHz to achieve globally harmonized utilization with appropriate regulatory and technical conditions, where applicable, taking into account the results of studies to ensure the protection of services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate).

## **AGENDA ITEM 1.2 (Continue)**

to consider identification of the frequency bands 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Tele-communications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution 245 (WRC-19)

# **APT PRELIMINARY VIEW(S)**

### **3 300-3 400 MHz (Region 2 and amend footnote in Region 1)**

APT Members support ITU-R studies with a view that any possible IMT identification/or action in the frequency band 3 300-3 400 MHz in Region 1 and Region 2 shall protect the services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3 so that these services shall in no way be adversely affected.

## AGENDA ITEM 1.2 (Continue)

to consider identification of the frequency bands 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Tele-communications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution 245 (WRC-19)

# APT PRELIMINARY VIEW(S)

### 10 000-10 500 MHz (Region 2)

APT Members support ITU-R studies with a view that any possible IMT identification in the frequency band 10.0-10.5 GHz in Region 2 shall protect the services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3 so that these services shall in no way be adversely affected.

Other Views Expressed

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### **AGENDA ITEM 1.3**

to consider primary allocation of the band 3 600-3 800 MHz to mobile service within Region 1 and take appropriate regulatory actions, in accordance with Resolution 246 (WRC-19)

## **APT PRELIMINARY VIEW(S)**

In the interest of global harmonization, APT Members support ongoing sharing and compatibility studies in ITU-R in accordance with Resolution 246 (WRC-19) to the possibilities of upgrading mobile service to primary allocation in the band 3 600 – 3 800 MHz in Region 1.

APT Members are of the view that a possible upgrade of mobile service to primary allocation in the band 3 600 – 3 800 MHz in Region 1 shall protect services to which the frequency band is allocated on a primary basis (and in adjacent bands, as appropriate) in Region 3.

### **AGENDA ITEM 1.3 (Continue)**

to consider primary allocation of the band 3 600-3 800 MHz to mobile service within Region 1 and take appropriate regulatory actions, in accordance with Resolution 246 (WRC-19)

## **APT PRELIMINARY VIEW(S)**

APT Members are also of the view that this is a Region 1 issue, and such upgrading shall not have any adverse effect on the allocation of the existing services and their future development in Region 3.

APT Members are of the view that any discussions on this agenda item shall not be mixed up on the discussions being followed / carried out under Agenda Item 1.2, i.e., no identification of the frequency band 3 600-3 800 MHz for IMT.

**Other Views Expressed**

<https://www.apf.int/>

# APT PRELIMINARY VIEW(S)

## AGENDA ITEM 1.4

to consider, in accordance with Resolution 247 (WRC-19), the use of high-altitude platform stations as IMT base stations (HIBS) in the mobile service in certain frequency bands below 2.7 GHz already identified for IMT, on a global or regional level

APT Members support the ongoing ITU-R studies for establishing a new globally or regionally harmonized regulatory framework for HIBS with a view to providing flexibility of spectrum usage for HIBS in certain frequency bands below 2.7 GHz already identified for IMT referred to in Resolution 247 (WRC-19), while ensuring the protection of the existing services, to which the frequency band is allocated on a primary basis, and adjacent bands, as appropriate, without adversely affecting in their deployment including other IMT uses, existing systems and the planned development of primary services.

APT Members are considering that there is a need to develop the definition of HIBS with a view to potentially be included in the ITU Radio Regulations.

[Other Views Expressed](#)

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# APT PRELIMINARY VIEW(S)

## AGENDA ITEM 1.11

to consider possible regulatory actions to support the modernization of the Global Maritime Distress and Safety System and the implementation of e navigation, in accordance with Resolution 361 (Rev. WRC-19);

### Issue A (resolves 1): GMDSS Modernization

APT Members support modernization of GMDSS, taking into consideration the activities of IMO, as follows:

- the deletion of the NBDP for distress and safety communications from GMDSS;
- the implementation of an ACS for MF and HF;
- the introduction of MF and HF NAVDAT frequencies into Appendix 15 of the Radio Regulations; and
- the implementation of the AIS-SART as locating equipment as alternative to Radar SART.

APT Members support the removal of the use of satellite EPIRBs from the frequency band 1645.5-1646.5 MHz.

## AGENDA ITEM 1.11 (Continue)

to consider possible regulatory actions to support the modernization of the Global Maritime Distress and Safety System and the implementation of e navigation, in accordance with Resolution 361 (Rev. WRC-19);

# APT PRELIMINARY VIEW(S)

APT Members are of the view that introduction of new radiocommunication technologies should not adversely affect the operation of the GMDSS and ensure no adverse effect on the allocation of the existing services and their future development in the same and adjacent frequency bands.

APT Members are also of the view that the modernization of GMDSS including the introduction of the automatic connection system (ACS) should be affordable and simple to operate, so that non-SOLAS/non-Convention vessels could also benefit from it.

### Issue B (resolves 2): E-navigation

APT Members are of the view that it is not necessary to modify the Radio Regulations in support of e-navigation.

## AGENDA ITEM 1.11 (Continue)

to consider possible regulatory actions to support the modernization of the Global Maritime Distress and Safety System and the implementation of e navigation, in accordance with Resolution 361 (Rev. WRC-19);

# APT PRELIMINARY VIEW(S)

### Issue C (resolves 3): Introduction of additional satellite systems into the GMDSS

APT Members support the introduction of additional GSO satellite systems into the GMDSS, under the conditions that:

- IMO's action to introduce a new GMDSS satellite system is completed;
- Coordination and notification in accordance with the relevant and applicable provisions of Articles 9 and 11 of the Radio Regulations and associated Rules of Procedure are applied in order to protect services to which the bands are currently allocated; and
- Existing services in the same and adjacent bands are not adversely affected.

Other Views Expressed

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## AGENDA ITEM 1.13

to consider a possible upgrade of the allocation of the frequency band 14.8-15.35 GHz to the space research service, in accordance with Resolution 661 (WRC-19)

# APT PRELIMINARY VIEW(S)

APT Members support ITU-R studies for the consideration of upgrading the SRS allocation from secondary to primary in the frequency band 14.8-15.35 GHz. Any possible upgrade of the SRS to primary service shall protect and not adversely affect the incumbent services in this frequency band as well as the adjacent bands, including the band 15.35-15.4 GHz to which the RAS is allocated.

**Other Views Expressed**

<https://www.apt.int/>

## **AGENDA ITEM 1.15**

to harmonize the use of the frequency band 12.75-13.25 GHz (Earth-to-space) by earth stations on aircraft and vessels communicating with geostationary space stations in the fixed-satellite service globally, in accordance with Resolution 172 (WRC-19);

# **APT PRELIMINARY VIEW(S)**

**Complete Details and  
Other Views Expressed**

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## **AGENDA ITEM 1.16**

to study and develop technical, operational and regulatory measures, as appropriate, to facilitate the use of the frequency bands 17.7-18.6 GHz and 18.8-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) and 27.5-29.1 GHz and 29.5-30 GHz (Earth-to-space) by non-GSO FSS earth stations in motion, while ensuring due protection of existing services in those frequency bands, in accordance with Resolution 173 (WRC-19)

# **APT PRELIMINARY VIEW(S)**

**Complete Details and  
Other Views Expressed**

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## **AGENDA ITEM 1.17**

to 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

**APT  
PRELIMINARY  
VIEW(S)**

**Complete Details and  
Other Views Expressed**

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## AGENDA ITEM 4

in accordance with Resolution 95 (Rev. WRC-19), to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

# APT PRELIMINARY VIEW(S)

APT Members support the principle and intent of Resolution **95 (Rev.WRC-19)**, to ensure Resolutions and Recommendations of past WRCs are relevant and kept up to date. Since a number of the studies requested by the WRC Resolutions are now under consideration at the relevant groups in the ITU-R, APT members are encouraged to participate in these studies.

In reviewing the Resolutions/Recommendations listed in the Attachment; the progress of the studies is important information for those Resolutions that include “*invites ITU-R*”, or similarly, the progress of the implementation work of the ITU Radiocommunication Bureau (BR) is also important for those Resolutions that include “*instructs the Director of the Radiocommunication Bureau*”.

[Attachment](#)

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## AGENDA ITEM 8

to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution 26 (Rev.WRC-19);

# APT PRELIMINARY VIEW(S)

### Issue A – Deletion of country footnotes or country names from footnotes

APT Members support the principles and intent of Resolution 26 (Rev.WRC-19) and the WRC standing agenda item for administrations to remove their country footnotes or their country names associated with specific footnotes of the Table of Frequency Allocations in Article 5 of the Radio Regulations when no longer required.

## AGENDA ITEM 8 (Continue)

to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution 26 (Rev.WRC-19);

# APT PRELIMINARY VIEW(S)

### Issue B – Addition of country names into existing footnotes.

The addition of country names to existing footnotes during the conference can carry with it considerable impact to existing allocations and the management of spectrum in other (often neighbouring) countries.

APT Members are of the view that this standing agenda item is not intended for adding country names into existing footnotes. WRCs may continue to deal with requests to add country names to the existing footnotes on a case-by-case basis, subject to the principle that there are no objections from the affected countries (See Annex 1 to Resolution 26 (Rev.WRC-19)).

## **AGENDA ITEM 8 (Continue)**

to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution 26 (Rev.WRC-19);

# APT PRELIMINARY VIEW(S)

### **Issue C – Addition of new country footnotes**

Previous conferences have considered proposals for addition of new country footnotes under this agenda item and determined the following principle: “Proposals for the addition of new country footnotes which are not related to agenda items of the Conference should not be considered.” (see WRC-15 Document 142 (Rev.1)).

APT Members are of the view that the standing agenda item for deletion of country names from footnotes is not intended for the addition of new country footnotes and therefore proposals for the addition of new country footnotes which are not related to agenda items of the Conference should not be considered (See Annex 1 to Resolution 26 (Rev.WRC-19)).

## AGENDA ITEM 8 (Continue)

to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution 26 (Rev.WRC-19);

# APT PRELIMINARY VIEW(S)

### Issue D – Availability of proposals under WRC standing Agenda Item 8

APT Members are of the view that the proposals under this WRC standing agenda item, should be available in a timely and efficient manner before a conference for due consideration of administrations. .

Other Views Expressed

<https://www.apt.int/>

## AGENDA ITEM 9.1 (Topic b)

Review of the amateur service and the amateur-satellite service allocations in the frequency band 1 240 - 1 300 MHz to determine if additional measures are required to ensure protection of the radionavigation-satellite (space-to-Earth) service operating in the same band in accordance with Resolution 774 (WRC-19);

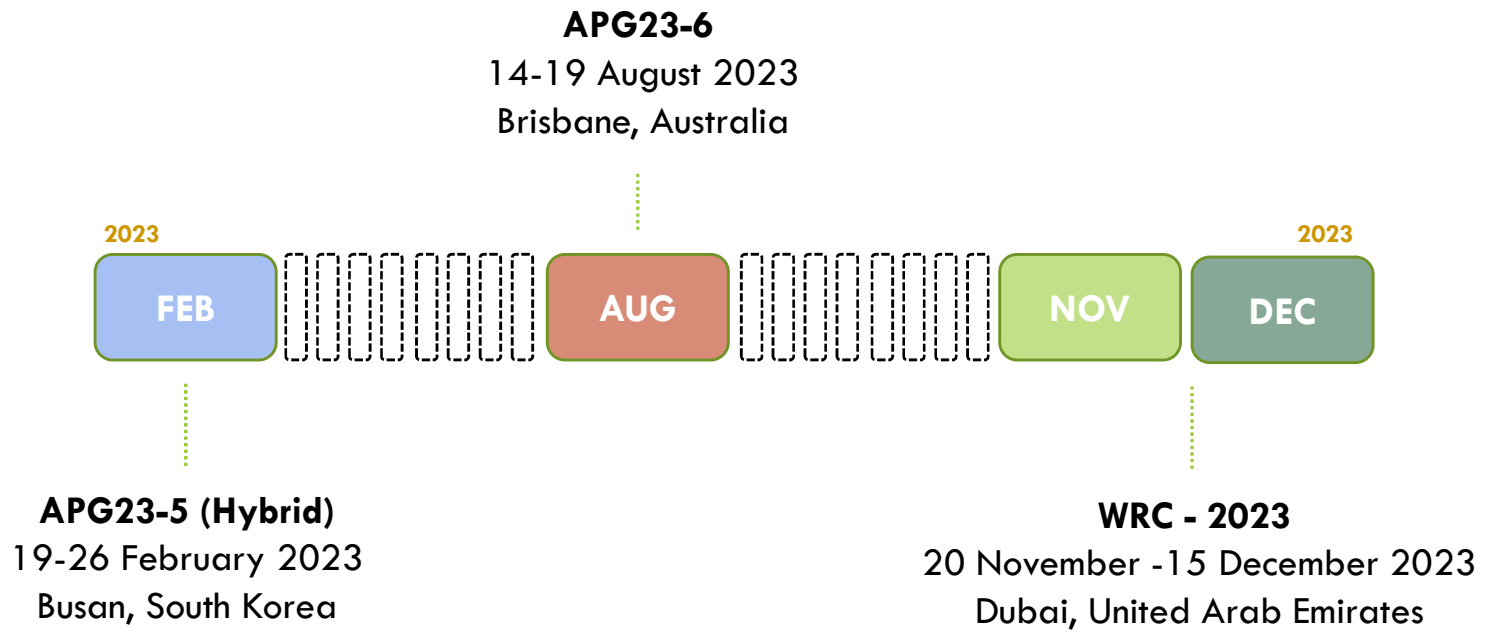
# APT PRELIMINARY VIEW(S)

APT Members support ITU-R studies in accordance with Resolution 774 (WRC-19), and development of new ITU-R recommendations to protect RNSS (space-to-Earth) receivers from the amateur and amateur-satellite services in the frequency band 1 240-1 300 MHz without considering the removal of the amateur and amateur-satellite service allocations. APT Members support no changes to the Radio Regulations under Agenda Item 9.1 Topic B.

Other Views Expressed

<https://www.apt.int/>

# FUTURE PLANS



## EXPECTED APG23-5 OUTCOME

- 1) APT preliminary views on WRC-23 Agenda Items
- 2) APT Views on issues related to RA-23
- 3) APT Views on proposed modification(s) to draft CPM Report, as appropriate, for submission to CPM23-2
- 4) Mechanism for coordinating APT activities during CPM23-2
- 5) Objectives and expected outcomes for APG23-6

**- END -**