

# APT Preparations for WRC-19

ICAO AFI Regional Preparatory Group Workshop for WRC-19  
Johannesburg, South Africa, 4-5 September 2018

# Presented by



**Eddy D'Amico**

developed based on meeting outcomes of the

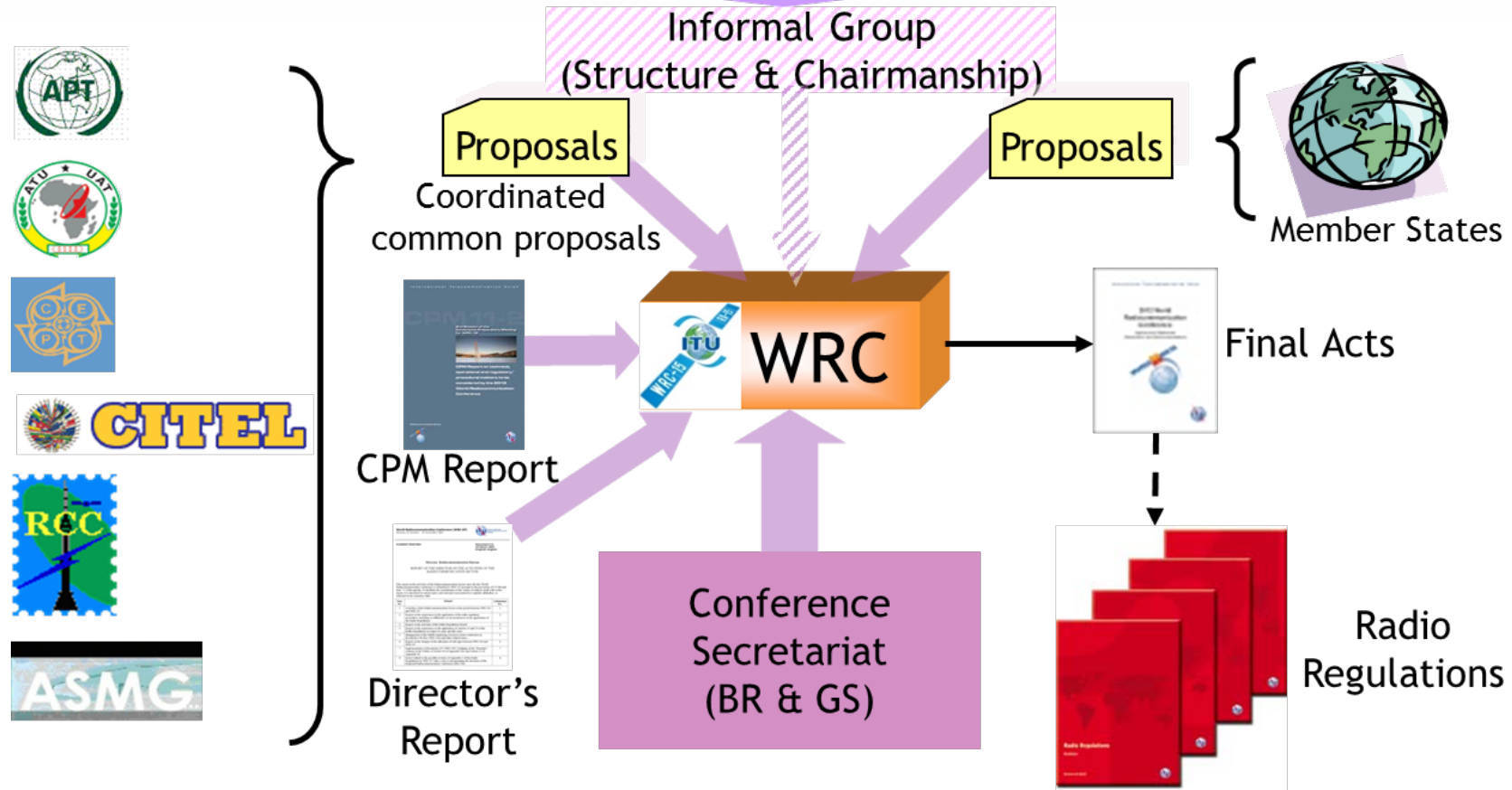
**APT Preparatory Group for WRC-19  
(APG19)**



- APT Preparatory Group for WRC-19 (APG19)
- Process of developing APT Common Proposals (ACPs)
- WRC-19 Agenda items of interest to aviation
- APT Preliminary Views (APVs)
- Final two meetings of APG19

# APT Preparatory Group for WRC-19

Agenda: draft in WRC Res & final in Council Res



The WRC Process

Source: ITU-BR

# APT Preparatory Group for WRC-19



- Preparatory activities for WRC-19 started in 2016
  - 1<sup>st</sup> meeting held 26-28 July 2016 in Chengdu, People's Republic of China
  - 2<sup>nd</sup> meeting held 17-21 July 2017 in Bali, Indonesia
  - 3<sup>rd</sup> meeting held 12-16 March 2018 in Perth, Australia
  - Two further meetings scheduled before the conference in 2019
- Chairman:
  - Dr. Kyu-Jin Wee (Republic of Korea)
- Vice Chairs:
  - Mr. Neil Meaney (Australia)
  - Mr. Xiaoyang Gao (People's Republic of China)
- Special Senior Adviser to the APG:
  - Mr. Kavouss Arasteh (Islamic Republic of Iran)
- Editorial Chair:
  - Dr. Tommy Chee (New Zealand)

# APG19 structure

- APG Structure is same as CPM Chapter Structure

## WP1:

- Chapter 1: Land Mobile and Fixed Services: 1.11, 1.12, 1.14 & 1.15
- Chair: Ms. Zhu Keer (People's Republic of China)

## WP2:

- Chapter 2: Broadband Applications in the Mobile Service: 1.13, 1.16, 9.1 (issues 9.1.1, 9.1.5, 9.1.8)
- Chair: Dr. Kyung-Mee Kim (Republic of Korea)

## WP3:

- Chapter 3: Satellite Services: 1.4, 1.5, 1.6, 7 & 9.1 (issues 9.1.2, 9.1.3, 9.1.9)
- Chair: Mr. Muneo Abe (Japan)

## WP4:

- Chapter 4: Science Services: 1.2, 1.3 & 1.7
- Chair: Dr. Atmadji Soewito (Indonesia)

## WP5:

- Chapter 5: Maritime, Aeronautical and Amateur Services: 1.1, 1.8, 1.9, 1.10 & 9.1 (issue 9.1.4)
- Chair: Mr Bui Ha Long (Socialist Republic of Viet Nam)

## WP6:

- Chapter 6: General Issues: 2, 4, 8, 9.1 (issues 9.1.6, 9.1.7), 9.2, 9.3 & 10
- Chair: Mr. Taghi Shafiee (Islamic Republic of Iran)



# Process of developing ACPs

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- In general, the APT organises five APG meetings in each WRC preparatory cycle (currently 2016 – 2019)
- The APG meetings develop & revise APT Preliminary Views (APVs) on WRC agenda items based on:
  - ITU-R studies that are available
  - Input contributions from Members
- A two stage procedure is followed for preparing and approving APT Common Proposals (ACPs) for submission to the WRC

# Process of developing ACPs

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- Stage 1:
  - WPs at the 5<sup>th</sup> (final) APG meeting develop proposals → based on the APT Preliminary Views (APVs) on Agenda items
  - For each proposal, if consensus is reached at Plenary by APT Members attending the meeting, the proposal becomes a Preliminary APT Common Proposal (PACP)
- Stage 2:
  - All APT Members (38) are requested to indicate if their country name is to be included as a signatory for each PACP
  - A PACP becomes APT Common Proposal (ACP) if it is
    - ❖ Supported by at least 25% of the APT Members; &
    - ❖ Not opposed by 50% of the number of Members who support it



# APG19-3 meeting

- APG19-3 held in Perth, Australia, from 12-16 March 2018
- 371 participants
- Successfully revised APT Preliminary Views (APVs)
  - Generally support ongoing studies
- Two more APG19 meetings to revise APVs and develop Preliminary APT Common Proposals (PACPs)



# WRC-19 Als related to aviation

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- Agenda items related to specific aviation issues
  - AI 1.10 - Spectrum & regulatory provisions for GADSS
  - AI 9.1 (issue 9.1.4) - Stations on board sub-orbital vehicles
- Agenda items in which aviation is a concerned party
  - Land Mobile and Fixed Services: Als 1.11, 1.12 & 1.14
  - Broadband Applications in the Mobile Service: Als 1.13 & 1.16
  - Science Services: AI 1.7
  - Maritime Services: Als 1.8 & 1.9 (issues 1.9.1 & 1.9.2)
  - Satellite Services: AI 9.1 (issue 9.1.3)
  - General: Als 4, 8, 9.1 (issue 9.1.6) and 10

- Agenda Items of particular importance to aviation
  - AI 1.10 - Spectrum & regulatory provisions for GADSS
    - *“to consider spectrum needs and regulatory provisions for the introduction and use of the Global Aeronautical Distress and Safety System (GADSS), in accordance with Resolution 426 (WRC-15)”*
  - AI 9.1 (issue 9.1.4) - Stations on board sub-orbital vehicles
    - *“to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention: on the activities of the Radiocommunication Sector since WRC-15*  
*Issue 9.1.4 - Resolution **763 (WRC-15)** - Stations on board sub-orbital vehicles”*

# Agenda item 1.10 (GADSS)

- **Aviation View:**
  - Support regulatory changes that enhance the GADSS concept, while ensuring protection of aviation systems
- **APT Preliminary Views:**
  - APT Members support the ITU-R studies being undertaken for the introduction and use of Global Aeronautical Distress and Safety System (GADSS) in accordance with Resolution **426 (WRC-15)**.
  - APT Members are of the view that:
    - no additional spectrum allocations and no changes to Article **5** of the Radio Regulations are required
    - modification of Radio Regulations other than Article **5** to facilitate introduction of GADSS may be required e.g. modification of Article **30** General provision
    - Any studies on regulatory provisions required for the implementation of GADSS should take into account the GADSS concept provided by ICAO.
- **DG Chairman:**
  - Mr Sungchul Chae – Korea (Rep. of)

# Agenda item 9.1 (issue 9.1.4) (Sub-orbital vehicles)

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- **Aviation View:**
  - Ensure protection of aviation systems
- **APT Preliminary Views:**
  - APT Members support the ITU-R studies in accordance with Resolution **763 (WRC-15)**, which includes but not limited to the concept, definition, operation and functions of stations on board sub-orbital vehicles, including which radiocommunication service it operates on, as well as the spectrum requirement for sub-orbital vehicles operations.
- **DG Chairman:**
  - Dr Suryanegara Muhammad – Indonesia

# Agenda items of concern

- Agenda items in which aviation has concerns of spectrum access by other services, compatibility with other services or protection from interference
  - 1.7, 1.8, 1.9 (issues 1.9.1 & 1.9.2), 1.11, 1.12, 1.13, 1.14, 1.16 and 9.1 (issue 9.1.3)
- Agenda items where the future interests of aviation need to be promoted and taken into account
  - 4, 8, 9.1 (issue 9.1.6) and 10
- APT developments on these items are in the background slides - the APT Preliminary View documents can be found at: [www.apt.int/APTAPG](http://www.apt.int/APTAPG) (refer to the Documents section)



# APT WRC-19 AI DG Chairs

Agenda Item	APG Drafting Group	DG Chair	Country
1.7	4-3 (Short duration NGSO)	Mr Nguyen Huy Cuong	Vietnam
1.8	1.8 (GMDSS modernisation)	Mr Byungok Kim & Mr Zhao Xiaoding	Korea & China
1.9.1	1.9.1 (Maritime AIS)	Mr Hu Bo	China
1.9.2	1.9.2 (Appendix 18 VDES)	Mr Yoshio Miyadera	Japan
1.10	1.10 (GADSS)	Mr Sungchul Chae	Korea
1.11	1.11 (Railways)	Mr Liu Bin	China
1.12	1.12 (ITS)	Mr Suppapol Jaroornvanichkul	Thailand
1.13	2-1 (IMT > 24.25 GHz)	Dr Hiroyuki Atarashi	Japan
1.14	1.14 (HAPS)	Dr Andri Qiantori & Mr Nguyen Anh Tuan	Indonesia & Vietnam
1.16	2-2 (WAS/RLAN 5 GHz)	Dr Fang Ji Cheng	China
4	6-1 (Review of RR Vol 3)	Dr Akira Hashimoto	Japan
8	6-2 (Country footnotes)	Dr Arifin Nugroho	Indonesia
9.1.3	3-6 (C Band NGSO-FSS Ops)	Mrs Cheng Fenhong	China
9.1.4	9.1.4 (Sub orbital vehicles)	Dr Suryanegara Muhammad	Indonesia
9.1.6	6-3 (WPT)	Mr Satoshi Kobayashi	Japan

## Table notes:

- Drafting groups are not consistently named.
- Where a drafting group is identified by a number not being an agenda item number, the first numeral is the APG Working Party.

# Schedule of APG19 meetings

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- APG19-4 will be held in [TBA], Republic of Korea, from 7-12 January 2019 (six working days)
- APG19-5 will be held in Tokyo, Japan, from 31 July to 6 August 2019 (six working days, excluding Sunday 4 August 2019)



APG Documents are available at: [www.aptsec.org/APTAPG](http://www.aptsec.org/APTAPG)

**THANK YOU!**

# Background Slides

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- The following slides provide a brief background on the APT developments on the WRC-19 Agenda items in which aviation is a concerned party

# Agenda item 1.7 (TT&C for short duration NGSO)

- **Aviation View:**
  - Protect aviation use of 150.05-174 MHz & 400.15-420 MHz (e.g. 406 MHz)
- **APT Preliminary Views:**
  - APT Members are of the view that:
    - ITU-R studies should be continued in accordance with Resolution **659 (WRC-15)**
    - Protection of existing services is necessary and any new allocations or upgrades of existing allocations to the space operation service should be applied without any constraint to the incumbent services and their future development, both in-band as well as adjacent bands.
    - The following frequency ranges should not be considered:
      - ❖ Maritime mobile VHF radiocommunication in the frequency ranges 156-157.45 MHz, 160.6-160.975 MHz and 161.475-162.05 MHz, in accordance with RR No. **5.226** and Appendix **18 (Rev. WRC-15)**
      - ❖ The frequency range 406-406.1 MHz that is dedicated for satellite emergency position-indicating radio beacons, in accordance with Resolution **205 (Rev. WRC-15)**; and
      - ❖ Frequency bands used by Global Maritime Distress and Safety System (GMDSS) included in Appendix **15** of RR
- **DG Chairman:**
  - Mr Nguyen Huy Cuong – Vietnam

# Agenda item 1.8 (GMDSS)

- **Aviation View:**

- Support GMDSS improvements as long as no impact to aviation systems – if GMDSS targets AMS(R)S bands then ensure AMS(R)S maintains priority

- **APT Preliminary Views:**

- APT Members support the ITU-R studies on possible regulatory actions for GMDSS modernization to enhance maritime capabilities and the studies on sharing and compatibility with other services in the frequency bands and adjacent frequency bands under study and to ensure possible modification to the Radio Regulations to protect services to which the frequency bands are currently allocated without any constraints by additional GMDSS satellite systems, in accordance with Resolution **359 (Rev. WRC-15)**
- Regarding *Resolve 1*,
  - APT Members support the incorporation of NAVDAT systems and NAVDAT frequencies, both MF and HF as described in Recommendation ITU-R M.2010 and ITU-R M.2058 into consideration for addressing this agenda item.
  - The recognition of these MF NAVDAT and HF NAVDAT frequencies as GMDSS for inclusion into RR Appendix **15** would be considered at a future WRC after IMO concludes its work on the modernisation of the GMDSS.
  - The existing frequencies used for NAVTEX should be retained and protected.
- Regarding *Resolve 2*,
  - APTMembers support possible modifications to the provisions of the Radio Regulations to provide for additional satellite systems into the GMDSS, taking into consideration the activities of IMO, while ensuring no additional impact on the existing services, particularly RAS, within the frequency band and the adjacent bands under study.

- **DG Chairmen:**

- Mr Byungok Kim – Korea (Rep. of) & Mr Zhao Xiaoding – China



# Agenda item 1.9 (issue 1.9.1) (Autonomous maritime radio devices in 156-162.05 MHz)



- **Aviation View:**
  - Support regulatory actions for AMRD to protect GMDSS & AIS – but monitor to ensure no impact to aviation systems
- **APT Preliminary Views:**
  - APT Members support the ITU-R studies on the spectrum needs, technical and operational characteristics, categorization, identifications of AMRDs and its applications, as well as the studies in relation to regulatory actions within the frequency band 156-162.05 MHz while ensuring the protection of the GMDSS and AIS, in accordance with Resolution **362 (WRC-15)**
  - APT Members are also of the view that:
    - the term “autonomous maritime radio device” (AMRD) and its intended applications should be properly defined before the studies in relation to regulatory actions, support a definition of AMRDs to be developed in an ITU-R Recommendation;
    - AMRDs Group A should be regulated for the use of frequencies and identities of the maritime mobile service;
    - Regarding AMRDs Group B, regulation of the use of frequencies, and technical and operational characteristics, should benefit both the user of devices as well as coexistence with maritime safety devices and applications. Identification of additional spectrum within the frequency band 156-162.05 MHz and the numbering issue should be considered;
    - any identification of additional spectrum for AMRDs Group B should not cause harmful interference or any impact on the existing services within the frequency band and the adjacent bands. In this regard mitigation technique of interference such as limitation of output power of AMRDs (to 1 watt as an example) should be considered;
    - any regulatory action of AMRD Group B within the frequency band 156-162.05 MHz, should also consider the limited numbering resources of MMSI and also consider the implementation transition period when the operation of autonomous maritime radio devices bring in to use;
    - Search and rescue aircraft system operating in maritime frequencies must be protected.
- **DG Chairman:**
  - Mr Hu Bo – China

# Agenda item 1.9 (issue 1.9.2) (VDES satellite component)



- **Aviation View:**
  - Support enhanced maritime comms – but monitor to ensure no impact to aviation systems
- **APT Preliminary Views:**
  - APT Members support the ITU-R studies undertaken in accordance with Resolution **360 (Rev. WRC-15)** to identify possible new allocations to the maritime mobile-satellite service for VDES satellite component
  - In regards to the possible modification of the Radio Regulations under WRC-19 Agenda Item 1.9.2, APT Members are of the view that:
    - Existing allocations and systems in the same and adjacent bands should be protected from harmful interference, and no any additional constraints are imposed;
    - The VDES satellite component downlink pfd mask should be developed with appropriate parameters and assumptions contained in ITU-R Recommendations, that have been widely used in sharing studies conducted by ITU-R Study Groups;
    - Search and rescue aircraft system operating in maritime frequencies must be protected;
    - VDES satellite components downlink transmission should not degrade the terrestrial VDES components, ASM and AIS operation;
    - The AIS integrity should be protected, and avoid any modification to existing AIS equipment on board vessels;
    - VDES satellite components should not claim protection from harmful interference caused by stations of a land mobile service to which frequencies are already assigned; and
    - If the spectrum needs were appropriately justified, new spectrum allocations could be identified to the maritime mobile-satellite service (MMSS) (Earth-to-space and space-to-Earth), with the provision they do not cause harmful interference, and have no claim of protection from incumbent service on a primary basis in the same and adjacent frequency bands.
- **DG Chairman:**
  - Mr Yoshio Miyadera – Japan

# Agenda item 1.11 (Railway)

- **Aviation View:**
  - Ensure protection of aviation systems
- **APT Preliminary Views:**
  - APT Members support studies towards global or regional harmonized frequency bands to support RSTT within existing mobile service allocations, in accordance with Resolution **236 (WRC-15)**, and are of the view that international standards and global/regional harmonized spectrum would facilitate the current and future development of RSTT.
  - APT Members are also of the view that:
    - The implementation of harmonized frequency arrangements of RSTT shall not impose additional constraints on other primary services to which these frequency bands are already allocated.
    - ITU-R studies on RSTT should not be restricted to, or preclude, any particular relevant technology.
    - Harmonized frequency arrangements of RSTT can support cross-border railway operations.
- **DG Chairman:**
  - Mr Liu Bin – China

# Agenda item 1.12 (ITS)

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- **Aviation View:**
  - Ensure protection of aviation systems
- **APT Preliminary Views:**
  - APT Members support studies under Resolution **237 (WRC-15)** toward possible harmonization of frequency bands in existing mobile-service allocations for the implementation of evolving Intelligent Transport Systems (ITS).
  - APT Members are also of the view that:
    - Evolving ITS should not be restricted to, nor exclude, any particular evolving ITS technology including LTE based V2X and its evolution technologies.
    - The use of frequency bands by ITS should not impose additional constraints on other primary services to which these frequency bands are already allocated and should take appropriate account of the potential interference from other primary Services, including FSS earth station uplinks.
- **DG Chairman:**
  - Mr Suppapol Jaroonvanichkul – Thailand

# Agenda item 1.13 (IMT-2020)

- **Aviation View:**
  - Ensure no impact on commercial systems used by civil aviation
- **APT Preliminary Views:**
  - APT Members support the consideration of additional frequency bands for International Mobile Telecommunications (IMT), including possible additional mobile allocations on a primary basis, in accordance with Resolution **238 (WRC-15)**.
  - APT Members also support ITU-R studies on spectrum needs for the terrestrial component of IMT and sharing and compatibility studies in accordance with Resolution **238 (WRC-15)**. It is important for these sharing and compatibility studies to take into account protection of services to which the band is allocated on a primary basis.
  - Subject to satisfactory results of sharing and compatibility studies, APT Members have a preference in prioritizing considerations for IMT identification in the 24.25-27.5 GHz frequency band or portions thereof.
  - Regarding the overlapping issue of the frequency bands within the scope of agenda item 1.13 associated with Resolution **238 (WRC-15)** and those within the scope of agenda items 1.6, 1.14 and 9.1 (issue 9.1.9), APT Members are of the view that this issue would be handled by WRC-19 based on proposals submitted to the conference, discussion on these agenda items and WRC-19's decision on use of each frequency band mentioned in the corresponding Resolutions.
- **Other views of APT Members:**
  - In addition to the APT Preliminary Views mentioned above, subject to satisfactory results of sharing and compatibility studies, some APT Members have a preference in prioritizing considerations for IMT identification in the 31.8-33.4 GHz and/or 37-43.5 GHz frequency bands or portions thereof.
  - Subject to satisfactory results of sharing and compatibility studies, some APT Members are also considering other candidate bands above 43.5 GHz, such as, the 66-71 GHz, 71-76 GHz and 81-86 GHz frequency bands or portions thereof.
- **DG Chairman:**
  - Dr Hiroyuki Atarashi – Japan

# Agenda item 1.14 (HAPS)

- **Aviation View:**
  - If studies show no impact on aviation systems, support concept of using UAS/RPAS for HAPS platform, provided no constraint on future use of HAPS fixed links for aeronautical communications
- **APT Preliminary Views:**
  - APT Members support the ITU-R studies undertaken in accordance with Resolution **160 (WRC-15)** on spectrum needs for High Altitude Platform Stations (HAPS), taking into account existing frequency bands that have already been identified for HAPS in the Radio Regulations, and appropriate regulatory actions.
  - APT Members also support sharing and compatibility studies between HAPS and other services to ensure protection of the services to which frequency bands are allocated and their future developments.
- **DG Chairmen:**
  - Dr Andri Qiantori – Indonesia
  - Mr Nguyen Anh Tuan – Vietnam



# Agenda item 1.16 (RLAN)

- **Aviation View:**
  - Ensure any changes near 5 150 MHz do not impact AeroMACS and protect ARNS in 5 350-5 470 MHz
- **APT Preliminary Views:**
  - APT Members support studies being conducted in ITU-R in accordance with Resolution **239 (WRC-15)**.
  - APT Members are of the view that the protection of incumbent services including their current and planned use in the frequency bands 5 150-5 350 MHz, 5 350-5 470 MHz, 5 725-5 850 MHz and 5 850-5 925 MHz should be ensured, without any unacceptable constraints on these services.
  - In the frequency band 5 350-5 470 MHz, APT Members support NOC to the Radio Regulations for the use of WAS/RLAN to protect incumbent services.
- **DG Chairman:**
  - Dr Fang Ji Cheng – China

# Agenda item 4

## (Review WRC Res. and WRC Rec.)



- **APT Preliminary Views:**

- APT Members support modification or suppression as appropriate of WRC Resolutions and Recommendations contained in Volume 3 of the Radio Regulations in accordance with Resolution **95 (Rev.WRC-07)**. To facilitate consideration with a view to developing the APT positions on this agenda item towards the WRC-19, a list of the past conference Resolutions and Recommendations is provided in the table in Attachment 1 to Document APG19-3/OUT-28. It should be noted that, the status of the column of the table for “New proposed action” is still preliminary and open for further consideration at the future APG meetings.
- Furthermore, in reviewing the above-mentioned table, the following points need to be noted:
  - Since a number of the studies requested by the WRC Resolutions are now under consideration by relevant ITU-R Study Groups, APT Members are encouraged to participate in these studies;
  - the progress of the above 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”.

- **DG Chairman:**

- Dr Akira Hashimoto – Japan

# Agenda item 8 (Country footnotes)

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- **APT Preliminary Views:**

1. APT Members support that administrations taking the initiative to review their footnotes and to propose the deletion of their country names or the deletion of country footnotes, if no longer required.
2. APT Members are of the view that this agenda item is not intended for adding country names into existing footnotes and the addition of new country footnotes. Therefore, any proposal for the addition of a new country footnote should not be considered under this agenda item. However 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.
3. APT Members are of the view that the proposals under agenda item 8 need to be available at a sufficient time before the Conference for consideration by concerned administrations. Therefore, it is proposed to modify Resolution **26 (Rev. WRC-07)** and request administrations to submit their proposals under this agenda item to the second session of the Conference Preparatory Meeting and invite the CPM to include all of these proposals in CPM Report to the Conference. In this regard, an example for modification to Resolution **26 (Rev. WRC-07)** is provided in Annex 1 to this Document for further consideration by the next APG meeting.

- **DG Chairman:**

- Dr Arifin Nugroho – Indonesia

# Agenda item 9.1 (issue 9.1.3) (C-Band NGSO-FSS operations)



- **Aviation View:**

- Ensure no impact on aviation use in those bands and protection of aviation systems in 4 200-4 400 MHz

- **APT Preliminary Views:**

- APT Members support no change (NOC) to the Radio Regulations to satisfy agenda item 9.1, issue 9.1.3 based on study progress of ITU-R for new non-GSO systems in the 3 700-4 200 MHz, 4 500-4 800 MHz, 5 925-6 425 MHz and 6 725-7 025 MHz frequency bands under the terms of Resolution **157 (WRC-15)**.

(Of note, there were no *Other Views* on this agenda item)

- **DG Chairman:**

- Mrs Cheng Fenhong – China

# Agenda item 9.1 (issue 9.1.6) (Wireless power transmissions)

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- **Aviation View:**
  - Ensure aviation systems are considered in studies
- **APT Preliminary Views:**
  - APT Members support the studies carried out by ITU-R in accordance with Resolution **958 (WRC-15)** to assess the impacts of WPT for electric vehicles on radiocommunication services and to study suitable harmonized frequency ranges which would minimize the impact on radiocommunication services from WPT for electric vehicles (EVs).
    - APT Members are of the view that all radiocommunication services must be adequately protected from harmful interference that may be generated by WPT for EVs, both at the fundamental frequency and from spurious and out-of-band emissions.
    - APT Members support consideration of the inclusion of one or more frequency ranges for WPT for EVs in an ITU-R Recommendation based on completion of ITU-R studies.
- **DG Chairman:**
  - Mr Satoshi Kobayashi – Japan

# Agenda item 10

## (Future WRC agenda items)



- **APT Preliminary Views:**

- General Issues

- In developing new WRC Agenda items, APT Members support the 'Principles for establishing agendas for WRCs' as detailed in Annex 1 to Resolution **804 (Rev.WRC-12)** and encourages the use of the Template for the submission of proposals for agenda items (Annex 2 of the Resolution).

- APT Members are encouraged to consider the WRC-23 preliminary agenda items included in Resolution **810 (WRC-15)** and provide their views to the next APG meeting.

- Specific Issues

- Agenda item 7

- APT Members are of the view that it is required to develop a course of action such as establishment of a deadline for submitting proposals under WRC standing agenda item 7. The identified issues need to be studied by ITU-R before the second session of the CPM and required regulatory examples be included into the draft CPM Report. The Conference should consider under WRC agenda item 7 only those issues which have been adequately studied by ITU-R and included in the CPM Report.

- In view of the above, APT Members are of the view that Resolution **86 (Rev. WRC-07)** need to be modified. An example for this approach is provided below for further consideration by the next APG meeting with a view to have an APT common proposal.

- Standing WRC agenda item 9.1

- It was agreed to forward the following text to the next APG meeting for further consideration.

- “APT Members are of the view that issues which are identified by WRC resolutions to be studied by ITU-R and the results of which to be included in the Report of the Director of the Radiocommunication Bureau to the future WRC should not propose any changes to the Radio Regulations. Those issues that may lead to a modification to the Radio Regulations should not be included in the list of issues under agenda item 9.1. Instead, they should be considered as regular WRC agenda item, if the Conference agrees.”

- Standing WRC agenda item 9.2

- APT Members are of the view that this standing WRC agenda item is strictly limited to the Report of the Director on any difficulties or inconsistencies encountered in the application of the Radio Regulations and the comments from administrations. The difficulties or inconsistencies encountered by administrations in the application of the Radio Regulations should be sent to the Radiocommunication Bureau for appropriate action and should not be considered by the Conference under this standing WRC agenda item.

- **DG Chairman:**

- TBD (Mr Shafiee (Iran) considered the item as APG19 WG6 Chairman)