

WRC-11 ADVISORY COMMITTEE STRUCTURE

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- **IWG-1 Maritime, Aeronautical and Radar Services**
- **IWG-2 Terrestrial Services**
- **IWG-3 Space Services**
- **IWG-4 Regulatory Issues**

IWG-1 Maritime, Aeronautical and Radar Services

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| WRC-11 Agenda # | Issue | CPM chapter | ITU-R Lead SG | FCC coordinators |
|----------------------------|---|------------------------|------------------------------|-----------------------------------|
| 1.3 | Spectrum requirements and possible regulatory actions, including allocations, in order to support the safe operation of unmanned aircraft systems (UAS), based on the results of ITU-R studies, in accordance with Resolution 421 (WRC-07) | 1 | WP-5B | Marcus Wolf/IB |
| 1.4 | Regulatory measures to facilitate introduction of new aeronautical mobile (R) service (AM(R)S) systems in the bands 112-117.975 MHz, 960-1 164 MHz and 5 000-5 030 MHz in accordance with Resolutions 413 (Rev.WRC-07) , 417 (WRC-07) and 420 (WRC-07) | 1 | WP-5B | Marcus Wolf/IB |
| 1.9 | Revise frequencies and channeling arrangements of Appendix 17 to the Radio Regulations, in accordance with Resolution 351 (Rev.WRC-07) , in order to implement new digital technologies for the maritime mobile service; | 1 | WP-5B | Marcus Wolf/IB Dante Ibarra/IB |

IWG-1 Maritime, Aeronautical and Radar Services
(cont.)

| WRC-11 Agenda # | Issue | CPM chapter | ITU-R Lead SG | FCC coordinators |
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| 1.10 | Examine the frequency allocation requirements with regard to operation of safety systems for ships and ports and the related regulatory provisions, in accordance with Resolution 357 [COM6/10] (WRC-07) ; | 1 | WP-5B | Marcus Wolf/IB Dante Ibarra/IB |
| 1.12 | Protection of the primary services in the band 37-38 GHz from interference resulting from aeronautical mobile service operations, taking into account the results of ITU-R studies, in accordance with Resolution 754 (WRC-07) ; | 4 | WP-7B | Michael Mullinix/IB Marcus Wolf/IB |
| 1.14 | Requirements for new applications in the radiolocation service and review allocations or regulatory provisions for implementation of the radiolocation service in the range 30-300 MHz, in accordance with Resolution 611 (WRC-07) ; | 2 | WP-5B | Marcus Wolf/IB Dante Ibarra/IB |
| 1.15 | Possible allocations in the range 3-50 MHz to the radiolocation service for oceanographic radar applications, taking into account the results of ITU-R studies, in accordance with Resolution 612 [COM6/15] (WRC-07) ; | 2 | WP-5B | Marcus Wolf/IB Dante Ibarra/IB |
| 1.21 | to consider a primary allocation to the radiolocation service in the band 15.4-15.7 GHz, taking into account the results of ITU-R studies, in accordance with Resolution 614 (WRC-07) | 2 | WP-5B | Marcus Wolf/IB Joseph Hill/IB Sankar Persaud/IB |
| 8.2 | Preliminary agenda for the subsequent conference and on possible agenda items for future conferences | 6 | | Marcus Wolf/IB Michael Mullinix/IB Allen Yang/IB |

IWG-2 Terrestrial Services

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| WRC-11 Agenda # | Issue | CPM chapter | ITU-R Lead SG | FCC coordinators |
|----------------------------|--|------------------------|------------------------------|--|
| 1.5 | to consider worldwide/regional harmonization of spectrum for electronic news gathering (ENG), taking into account the results of ITU-R studies, in accordance with Resolution 954 (WRC-07) ; | 3 | WP-5C | Dante Ibarra/IB Larry Olson/IB |
| 1.8 | to consider the progress of ITU-R studies concerning the technical and regulatory issues relative to the fixed service in the bands between 71 GHz and 238 GHz, taking into account Resolutions 731 (WRC-2000) and 732 (WRC-2000) | 3 | WP-5C | Dante Ibarra/IB Allen Yang/IB |
| 1.16 | to consider the needs of passive systems for lightning detection in the meteorological aids service, including the possibility of an allocation in the frequency range below 20 kHz, and to take appropriate action, in accordance with Resolution 671 (WRC-07) | 4 | WP-7C | Michael Mullinix/IB Dante Ibarra/IB |

| <u>IWG-2 Terrestrial Services</u> <u>(cont.)</u> | | | | |
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| WRC-11 Agenda # | Issue | CPM chapter | ITU-R Lead SG | FCC coordinators |
| 1.17 | to consider results of sharing studies between the mobile service and other services in the band 790-862 MHz in Regions 1 and 3, in accordance with Resolution 749 (WRC-07) , to ensure the adequate protection of services to which this frequency band is allocated, and take appropriate action | 3 | JTG 5-6 | Alex Roytblat/IB Charlie Breig/IB |
| 1.19 | to consider regulatory measures and their relevance, in order to enable the introduction of software-defined radio and cognitive radio systems, based on the results of ITU-R studies, in accordance with Resolution 956 (WRC-07) ; | 6 | WP-1B | Dante Ibarra/IB Allen Yang/IB Charlie Breig/IB |
| 1.22 | to examine the effect of emissions from short-range devices on radiocommunication services, in accordance with Resolution 953 (WRC-07) ; | 3 | WP-1A | Dante Ibarra/IB Allen Yang/IB Charlie Breig/IB |
| 1.23 | to consider an allocation of about 15 kHz in parts of the band 415-526.5 kHz to the amateur service on a secondary basis, taking into account the need to protect existing services; | 2 | WP-5A | Dante Ibarra/IB Charlie Breig/IB |
| 8.2 | Preliminary agenda for the subsequent conference and on possible agenda items for future conferences | 6 | | Dante Ibarra/IB Charlie Breig/IB Allen Yang/IB |

IWG-3 Space Services

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| WRC-11 Agenda # | Issue | CPM chapter | ITU-R SG Lead | FCC coordinators |
|----------------------------|--|------------------------|--------------------------|--|
| 1.7 | to consider the results of ITU-R studies in accordance with Resolution 222 (WRC-07) in order to ensure long-term spectrum availability and access to spectrum necessary to meet requirements for the aeronautical mobile-satellite (R) service, and to take appropriate action on this subject, while retaining unchanged the generic allocation to the mobile-satellite service in the bands 1 525-1 559 MHz and 1 626.5-1 660.5 MHz | 5 | WP-4C | Sankar Persaud/IB |
| 1.11 | to consider a primary allocation to the space research service (Earth-to-space) within the band 22.55-23.15 GHz, taking into account the results of ITU-R studies, in accordance with Resolution 753 (WRC-07) | 4 | WP-7B | Michael Mullinix/IB Sankar Persaud/IB |
| 1.13 | to consider the results of ITU-R studies in accordance with Resolution 551 (WRC-07) and decide on the spectrum usage of the 21.4-22 GHz band for the broadcasting-satellite service and the associated feeder-link bands in Regions 1 and 3. | 5 | WP-4A | Joseph Hill/IB Alex Roytblat/IB |
| 1.18 | to consider extending the existing primary and secondary radiodetermination-satellite service (space-to-Earth) allocations in the band 2 483.5-2 500 MHz in order to make a global primary allocation, and to determine the necessary regulatory provisions based upon the results of ITU-R studies, in accordance with Resolution 613 (WRC-07) | 5 | WP-4C | Sankar Persaud/IB |

| <u>IWG-3 Space Services</u> (cont.) | | | | |
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| WRC-11 Agenda # | Issue | CPM chapter | ITU-R SG Lead | FCC coordinators |
| 1.20 | to consider the results of ITU-R studies and spectrum identification for gateway links for high altitude platform stations (HAPS) in the range 5 850-7 075 MHz in order to support operations in the fixed and mobile services, in accordance with Resolution 734 (Rev.WRC-07) | 3 | WP-5C | Joseph Hill/IB Dante Ibarra/IB |
| 1.24 | to consider the existing allocation to the meteorological-satellite service in the band 7 750-7 850 MHz with a view to extending this allocation to the band 7 850-7 900 MHz, limited to non-geostationary meteorological satellites in the space-to-Earth direction, in accordance with Resolution 672 (WRC-07) | 4 | WP-7B | Michael Mullinix/IB Joseph Hill/IB |
| 1.25 | to consider possible additional allocations to the mobile-satellite service, in accordance with Resolution 231 (WRC-07) | 5 | WP-4C | Sankar Persaud/IB Dante Ibarra/IB |
| 8.2 | Preliminary agenda for the subsequent conference and on possible agenda items for future conferences | 6 | | Joseph Hill/IB Sankar Persaud/IB Allen Yang/IB |

IWG-4 Regulatory Issues

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| WRC-11 Agenda # | Issue | CPM chapter | ITU-R Lead SG | FCC coordinators |
|----------------------------|---|------------------------|------------------------------|--------------------------------------|
| 1.2 | taking into account the ITU-R studies carried out in accordance with Resolution 951 (Rev.WRC-07) , to take appropriate action with a view to enhancing the international regulatory framework | 6 | WP-1B | Allen Yang/IB Larry Olson/IB |
| 1.6 | to review No. 5.565 of the Radio Regulations in order to update the spectrum use by the passive services between 275 GHz and 3 000 GHz, in accordance with Resolution 950 (Rev.WRC-07) , and to consider possible procedures for free-space optical-links, taking into account the results of ITU-R studies, in accordance with Resolution 955 (WRC-07) | 4 | WP-1A | Allen Yang/IB Michael Mullinix/IB |
| 2 | to examine the revised ITU-R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with Resolution 28 (Rev.WRC-03) , and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with principles contained in the Annex 1 to Resolution 27 (Rev.WRC-07) | 6 | CPM-11 | Allen Yang/IB Alex Roytblat/IB |
| 4 | in accordance with Resolution 95 (Rev.WRC-07) , to review the resolutions and recommendations of previous conferences with a view to their possible revision, replacement or abrogation; | 6 | CPM-11 | Allen Yang/IB Alex Roytblat/IB |

| <u>IWG-4 Regulatory Issues</u> <u>(cont.)</u> | | | | |
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| WRC-11 Agenda # | Issue | CPM chapter | ITU-R Lead SG | FCC coordinators |
| 7 | to consider possible changes in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference: “Advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks”, in accordance with Resolution 86 (Rev.WRC-07) | 5 | WP-4A SC | Joseph Hill/IB Sankar Persaud/IB Alex Roytblat/IB |
| 8.1 | 8.1 to consider and approve the Report of the Director of the Radiocommunication Bureau: 8.1.1 on the activities of the Radiocommunication Sector since WRC-07; 8.1.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations; and 8.1.3 on action in response to Resolution 80 (Rev.WRC-07) ; : | 6 | SG-1 SG-4 SG-7 | Allen Yang/IB Dante Ibarra/IB Marcus Wolf/IB Joseph Hill/IB Sankar Persaud/IB Larry Olson/IB Michael Mullinix/IB Alex Roytblat/IB |
| 8.2 | Preliminary agenda for the subsequent conference and on possible agenda items for future conferences | 6 | | Allen Yang/IB Alex Roytblat/IB |