

**2nd ITU INTER-REGIONAL WORKSHOP
ON WRC-15 PREPARATION
(Geneva, 12 – 13 November 2014)**

**ASMG Initial Positions to
WRC-15 Agenda Items
(Maritime, Aeronautical
and Radiolocation issues
(agenda items 1.15, 1.16,
1.17, 1.18 and 1.5))**

**As of 18th Meeting,
Dubai, UAE: 21-23 May 2014**

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**GENEVA, SWITZERLAND
12-13 NOVEMBER 2014**

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ASMG Initial Positions to WRC-15 Agenda Items (Maritime, Aeronautical and Radiolocation issues (agenda items 1.15, 1.16, 1.17, 1.18 and 1.5))

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Agenda Item 1.5

- **“to consider the use of frequency bands allocated to the fixed-satellite service not subject to Appendices 30, 30A and 30B for the control and non-payload communications of unmanned aircraft systems (UAS) in non-segregated airspaces, in accordance with Resolution 153 (WRC-12)”**
- ITU-R Responsible Group: WP 5B
- ASMG Position:
 - Follow-up results of the meeting last 5B with an emphasis on the protection of existing services and allocated to the fixed-satellite service that are not subject to the Appendices 30 and 30A and 30B via the necessary regulatory, technical and operational regulations for using FSS allocations for safe operating the non-payload communications of unmanned aircraft systems (UAS) in non-segregated airspaces, this is due to the difficulties of the regulatory issues that face the administrations using such systems in mobile bands allocated to the fixed-satellite service.
 - Request the Arab administrations to study the technical and operat between FSS and (UAS).



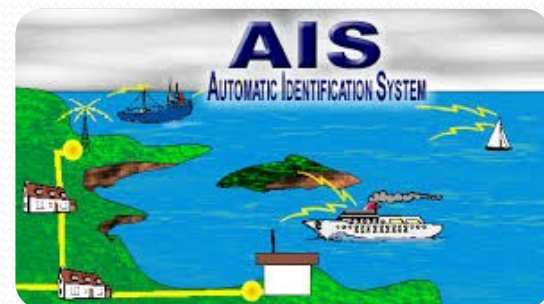
Agenda Item 1.15

- **“to consider spectrum demands for on-board communication stations in the maritime mobile service in accordance with Resolution 358 (WRC-12)”**
- ITU-R Responsible Group: WP 5B
- ASMG Position:
 - Ensuring the protection of the existing services in this band, in particular mobile service.
 - Support the use of modern techniques for the same frequencies already allocated to this service in order to achieve the optimal use of the spectrum with the need to update Recommendation ITU-R M.1174-2, which includes the channels mentioned in footnote 5.287 and technical characteristics of the equipment for more protection for existing services.



Agenda Item 1.16

- **“to consider regulatory provisions and spectrum allocations to enable possible new Automatic Identification System (AIS) technology applications and possible new applications to improve maritime radiocommunication in accordance with Resolution 360 (WRC-12)”**
- **ITU-R Responsible Group: WP 5B**
- **ASMG Position:**
 - Follow up the studies on the regulatory provisions and spectrum requirements in order to assist the implementation of ground-based and satellite-based applications, for the new automatic identification system (AIS) in order to improve maritime radio communications and to work on ensuring the protection of the current AIS operations and other existing services.
 - Encourage Arab administrations to coordinate with the Maritime Safety relevant entities with this regard.



Agenda Item 1.17

- **“to consider possible spectrum requirements and regulatory actions, including appropriate aeronautical allocations, to support wireless avionics intra-communications (WAIC), in accordance with Resolution 423 (WRC-12)”**
- ITU-R Responsible Group: WP 5B
- ASMG Position:
 - Support a primary allocation to the aeronautical mobile (R) in the band 4200-4400 MHz in the Table of Frequency Allocations in Article V of the Radio Regulations and restrict this service to applications wireless avionics intra-communications (WAIC) inside the aircraft through a footnote or footnotes with a resolution to include the requirements of protection systems operating in accordance with the existing allocation.
 - Ensuring the use of these applications under Aeronautical Mobile (R) service.



Agenda Item 1.18

- **“to consider a primary allocation to the radiolocation service for automotive applications in the 77.5-78.0 GHz frequency band in accordance with Resolution 654 (WRC-12)”**
- **ITU-R Responsible Group:** WP 5B (invites 1& 2), WP 5A (Invites 1)
- **ASMG Position:**
 - Support new allocation to the radiolocation service limited for automotive application in the band 77.5 – 78 GHz.
 - Develop an regulatory and procedural considerations to the proposed new allocation to ensure the protection of existing services in this band.





thank you!

Presented by

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