

IWG-3/023  
5 August 2009

**WRC-11 ADVISORY COMMITTEE**  
**Meeting Minutes**

Meeting: IWG-3, Sixth Meeting  
Date/Time: Wednesday, 5 August 2009 09:30AM  
Location: FCC, 445 12<sup>th</sup> Street, S.W., Washington, D.C. 20554  
Conference Bridge: 1-866-624-3038, Code #: 5809270  
Committee Members Present:

Donna Bethea Murphy, Iridium (IWG-3 Vice-Chair)  
Jack Wengryniuk, DIRECTV (IWG-3Chair)  
Don Jansky, JBT  
Alex Roytblatt, FCC  
Michael Mullinix, FCC  
Joseph Hill, FCC  
David Weinreich, Globalstar  
Kathryn Martin, Access Partnership  
Scot Kotler, NTIA  
Liching Sung, NTIA  
Andy Feltman, ITT/DOD  
Kris Hutchison, ASRI  
Damon Ladson, Harris Wiltshire & Grannis (for Skyterra)

Committee Members Present (Phone):

Chris Murphy, Inmarsat  
Tom Tycz, Goldberg, Godles, Wiener & Wright (for Skyterra)  
Amy Sanders, Alcatel-Lucent  
Tom Walsh, AV Telconsult  
Bill Rummler, Consultant for FWCC  
Christine DiLapi, MITRE  
Rob Haines, NTIA  
Giselle Creeser, Lockheed Martin  
John Gilsenan, Terrastar

## Meeting Summary:

- 1) Introductions were made and the agenda was approved.
- 2) The minutes from the 15 July 2009 meeting were approved without comment.
- 3) Documents Considered (by WRC-11 Agenda Item):

**AI 1.7** – Availability of AMS(R)S spectrum - Damon Ladson (for SkyTerra) introduced a draft proposal (doc IWG-3/022) related to this agenda item. The draft proposal advocated NOC for the existing MSS L Band allocations. Alex Roytblatt noted the format needed some work and suggested that the NOC in proposal number 4 should be underlined. He also indicated that Resolution 222 should be modified to remove the bands in question. The proposal was then tabled.

**AI 1.11** –SRS in the band 22.55-23.15 GHz - Don Jansky (JBT) introduced document IWG-3/018 (rev.1) which is a draft proposal that would establish unwanted emission levels from earth stations in the space research services operating in the band 22.55-23.15 GHz to ensure the protection of the operational ISS links operating in the band 23.15-23.55 GHz. The proposal was discussed and tabled.

**AI 1.13** –BSS in Regions 1 & 3 in the 21.4-22 GHz band - Bill Rummmler introduced a draft proposal on this agenda item. The proposal was to add the 21.4-22.0 GHz BSS (s-E) allocation and pfd values to Article 21 Table 21-4. The proposal would provide regulatory certainty to satellite services, as a defined set of pfd limits would be known to BSS operators and extensive coordination with Region 2 terrestrial services (with uncertain outcome) would not be required. The document was discussed and tabled.

**AI 1.18** – Global Primary RDSS (space-to-Earth) in the 2483.5-2500 MHz band - David Weinreich (GlobalStar) indicated that he was still thinking about a proposal on this issue but is waiting to see what the outcome of the upcoming 4C meeting in September provides.

**AI 1.24** –Extending 7750-7850 MHz MetSat allocation to 7750-7900 MHz – There were nothing new to report on this agenda item.

**AI 1.25** – Additional MSS allocations 4-16 GHz – There was nothing new to report on this agenda item except that we are waiting on WP 4C action. David Weinreich (Globalstar) noted the DoD list of bands and that he expects WP 4C to identify bands at its meeting in September 2009. Inmarsat, Skyterra and Iridium indicated that while they are not actively pursuing this agenda item they could support whatever 4C produces.

**8.2 – Future Agenda Items –** Audrey Allison (Boeing) mentioned that Globalstar had introduced a proposal to IWG-4 regarding the preliminary agenda for 2015 as contained in Resolution 806 (WRC-07). Dave Weinreich (Globalstar) described the proposal as a regulatory issue that seeks to ensure NOC to agenda item 2.2. This agenda item seeks to “review the use of the band 5091-5150 MHz by the fixed-satellite service (Earth-to-space) (limited to feeder links of the non-GSO mobile satellite service) in accordance with Resolution 114 (Rev.WRC-03)”.

Other Business:

There was no other business raised.

Next Meeting Time and Place:

The next meeting will be August 24, 2009 with time and location information to be distributed with the agenda.

Documents Distributed:

IWG3/022 – Draft Proposal on Agenda Item 1.7  
IWG3/018 Rev 1 – Draft Proposal on Agenda Item 1.11  
IWG3/021 – Draft Proposal on Agenda Item 1.13  
WG3/019 - Minutes from 5th meeting of IWG-3  
IWG3/020 – Agenda for the 6th meeting of IWG-3

Public Participation Statement:      This meeting was open to the public.

Minutes By:    Kris Hutchison