

WirelessHUMAN™ Closing Plenary Presentation, Session #12

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WirelessHUMAN Agenda and Activity, Closing Plenary, IEEE 802.16 Session #12

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TG4 PHY Activities

- Agreements on several issues:
 - FFT, Channel Bandwidth, etc.
- Draft generation progress ongoing
 - 12 specific sections need text generation
 - Input to TG4 MAC team on 04/06/01
 - Draft & Call for Comments deadline 04/16/01
 - Conference call on 04/18/01 (tentative date)

TG4 MAC Activities

- Held joint meetings with TG1/TG3
 - Agreed on a new TG1 generic header format
 - Reviewed issues on ARQ, concatenation, fragmentation, etc.
 - Input to TG4 PHY team on 04/06/01
 - Draft generation progress ongoing
 - Draft & Call for Comments deadline 04/16/01

TG4 Coexistence Activities

- Julius Knapp FCC meeting
- Formation of Wireless Advisory Group
 - Co-chairs from 802.11, 802.15, and 802.16
 - Individual WGs vote on issues
- MOTIONS
 - Support 6th Criteria of coexistence for 802 wireless projects as proposed by 802.11 & 802.15
 - Approve informative letter to ITU-R on coexistence

Proposed Liaison Letter

To: Study Group ITU-R JTG 4,7,8,9, Working Party 7C, and JRG 8A-9B
From: Roger Marks, Chair IEEE802.16
Date: 14 March 2001

This letter is intended to inform the current ITU-R preparatory studies for the WRC 2003, Agenda item 1.5, Resolution 736{GT PLEN-2/1} (WRC 2000) about the activities related to the development of a standard for license-exempt Broadband Fixed Wireless Access systems in the 5 to 6 GHz bands. The WirelessHUMAN™ (Wireless Highspeed Unlicensed Metropolitan Area Network) is one such standard that is being developed under the auspices of the IEEE 802.16 Task Group 4 (TG4).

Systems based on the WirelessHUMAN™ standard may share the bands that the 1997 World Radiocommunications Conference (WRC '97) allocated on a world wide-primary basis for Earth Exploration Satellite Services (EESS) and Space Research Services (SRS), including Synthetic Aperture Radars (i.e., SAR 1-4) active space-borne sensors, in the 5 to 6 GHz band. The IEEE 802.16 TG4 is aware of the above coexistence issues and would welcome mutual efforts to address these issues.

The attached IEEE 802.16.4 Project Authorization Request describes the mission of TG4. In addition, further information about this project can be obtained at <http://ieee802.org/16/tg4>.