802.16 ITU-R Liaison Group

IEEE 802.16 Session #45
Pre-Agenda

• Review ITU-R Liaison Meeting Schedule for Session #45
• Review Monday discussion
• Develop agenda for Tuesday
Meetings Held During Session #45

• Monday, 4-5 pm
  – Chaired by Roger Marks

• Tuesday, 8-12 am
  – Chaired by Roger Marks

• Thursday, 8-12 am and 1-5 pm
  – Chaired by José Costa
Monday Meeting

• Large attendance
  – After WG Plenary
  – No other meetings in parallel

• Reviewed documents:
  – IEEE L802.16-06/020
  – IEEE L802.16-06/016
Monday: IEEE L802.16-06/016

• Report of 802.16 ITU Liaison Group Meeting during Session #44
• Focus on pages 4-11
  – “IMT-Advanced Standardization Process”
    • Prepared by José Costa
Monday: IEEE L802.16-06/020

• Report from ITU-R WP 8F meeting, Aug ’06, by Roger Marks
• Reviewed “recommendations” section
  – Consider opening a new PAR for an advanced version of the IEEE 802.16 air interface for IMT-Advanced
  – Consider developing a proposal, under Circular Letter 8/LCCE/95, for the inclusion of IEEE Std 802.16 in M.1457
• Generally positive response to the recommendations, but a lot of work is required
Follow up to recommendations

• IMT-Advanced:
  – Possible PAR under discussion by 802.16 Project Planning Committee
  – No specific actions required this meeting
• IMT-2000
  – Discussions to continue in ITU-R Ad Hoc
Proposed Agenda for Tuesday

• Pre-Agenda review (*completed*)
• Identify Session #45 goals
• Proceed toward those goals
Proposed Session #45 goals

• IMT-2000 application
  – Agreement on date
  – Authorization of committee to develop draft documentation
    • Notification to 802.16, 802.18, 802 EC prior to November Plenary
  – Call for Contributions
    • Including “call for partnerships”
  – List of required documentation
Session Schedule

802.16
• 13-17 Nov ’06
  – Dallas
• 15-18 Jan ’07
  – London
• 12-16 Mar ‘07
  – Orlando
• 21-24 May ’07
  – Portland

8F
• 17-25 Jan ’07
  – Cameroon
• 23-31 May ’07
  – Kyoto
• ~ February ’08 (TBD)
Thursday Meeting

- Attendance: about 25 people
  - 8-12 am and 1-5 pm approximately
- Main items on the Agenda:
  - News from Geneva
  - Status report from ITU-R ad hoc meetings Monday and Tuesday (see charts preceding this one)
  - Document preparation for IMT-2000 potential submission
  - IMT-Advanced Topics
IEEE 802.16 - ITU-R Liaison

Results to date:

• Recommendation ITU-R F.1763 “Radio interface standards for broadband wireless access systems in the fixed service operating below 66 GHz” (WP 9B)
  – It recommends the harmonized IEEE WirelessMAN standard (IEEE 802.16) and ETSI HiperMAN standards. Includes Corrigendum 1 to IEEE Std 802.16-2004 published in IEEE Std 802.16e-2005.
  – Available now in 3 languages (English, French, and Spanish; Arabic, Chinese and Russian to follow): http://www.itu.int/rec/R-REC-F.1763-0-200604-I/en

• Report ITU-R F.[BWA-REQ] - Technical and operational characteristics and applications of broadband wireless access in the fixed service (WP 9B) (ex-Doc. 9/108) (Status: Approved).

  – It recommends IEEE Std 802.16-2004 / IEEE Std 802.16e-2005 (and the harmonized ETSI equivalents) alongside with the 802.11 RLAN standards, the IMT-2000 standards, and others, for BWA.

Ongoing activities:

• Development of a handbook on Broadband Wireless Access (BWA) – Volume 5 of the Handbook on Land Mobile (including Wireless Access) (WP 8A)
  – Opportunity to include tutorial/practical material to assist operators plan their deployments.
Document preparation for IMT-2000 potential submission

• Developed the description template in document IEEE L802.16-06/023
  Result: IEEE L802.16-06/024A1

• Developed a proposed call for contributions in document IEEE L802.16-06/024 to prepare draft submission(s) to ITU-R

MOTION: To approve IEEE L802.16-06/024, including its Attachment 1 in IEEE L802.16-06/024A1.
IMT-Advanced Topics

• Results from ITU-R Study Group 8 (20-21 Sep 2006):

• Discussed a proposed draft PAR to further develop IEEE 802.16 in alignment with IMT-Advanced requirements.