

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Minutes of the IEEE 802.16.2 Meeting of September 11 - 15, 2000</b>	
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## IEEE 802.16.2

### Minutes of the Sept. 11 – 15, 2000 Meeting

Rémi Chayer

Harris Corporation and Vice-Chair of the TG2

#### September 11, 2000

Called to order at 15:30 hours by the Chair (Andy McGregor).

Discussed the agenda for the week.

Decided to include information on the work of other bodies in an annex of the document.

Started the editorial review of the document.

Meeting adjourned at 17:30 hours.

#### September 12, 2000

Called to order at 08:30 hours by the Chair (Andy McGregor)

Presentation of the document 802162c-00/19r1 by Barry Lewis and discussion on how to integrate in the draft practice. The group agreed four general recommendations to be included in the practice:

1. No aggregation needed, because principal interference processes are direct main beam to main beam coupling.
2. for adjacent area: Distance trigger
  - a. If beyond radio horizon, no coordination needed (typically > 60km separation) from either
    - i. Own boundary service area, OR
    - ii. Victim service area, if known
3. for adjacent area: PSFD Trigger at Own boundary
  - a. If < psfd A at transmitter's licensed boundary ( $-114+20\log(\text{freq}/28)$  dB/MHz/m<sup>2</sup>), no coordination, where freq is in GHz; Note that in some countries there is a significant deployment of pt-pt facilities at 38 GHz and the coordination trigger is tightened (e.g., -125 dB/MHz/m<sup>2</sup> see appendix xxx). Note that the psfd will change with height and the worst value should be considered.
  - b. If > psfd A at transmitter's licensed boundary, need coordination process (cross ref IC & RA)
4. for same area: adjacent frequency need 1 guard channel – where occupied bandwidth is different, use wider of two channels. A coordination process (possibly automatic) may eliminate the need for a channel to be totally unused.

Review of the draft practice was done the rest of the day.

Decision to put the summaries of the RABC report and coordination procedures as annexes to the practice. Remi to provide summary for RABC report, Rebecca for Industry Canada Standard Radio System Plan and Barry for the Radio Agency document.

Meeting adjourned at 17:30 hours.

## September 13, 2000

Meeting called to order at 08:45 hours by the Chair (Andy McGregor)

The team reviewed and edited the presentation to be given at the joint TG1(PHY)/TG2 meeting. The team approved as modified.

Paul Thompson presented his contribution on terminal EIRP limits. After modifications, the following table was agreed:

### Recommended Terminal EIRP Limits

Terminal	Example Regulatory Limits (dBW/MHz)	"Simulation" Assumptions (dBW/MHz)	Column 2- Column 3 (dBW/MHz)	Revised Document value (dBW/MHz)
BTS	+14	-1.47	+15.47	0
STS	+30	13.53	+16.47	+15
PtP	+30	+25.01	+4.99	+30
Repeater facing BTS	+30	Not Done	N/A	+15
Repeater facing STS	+14	Not Done	N/A	0
Mesh	+30	0	+30	+15

Continued the review of the practice with comments from the attendees.

Marianna Goldhammer gave a liaison report for ETSI TM4:

- The next ETSI TM4 meeting will be at Sophia-Antipolis from October 9 to 13.
- The group agreed to invite ETSI TM4 to comment on the draft #9, before the document goes for balloting. The previous liaison to TM4 covers this activity, so no new liaison is needed.

Refer to Document # 802.16mp-00/nn on the IEEE 802.16 web site of the guidelines for geographical and frequency spacing between BWA systems.

Continued the review of the practice for the rest of the day, including Philip Whitehead's presentation.

Meeting adjourned at 16:45 hours.

## **Sept. 14, 2000**

Meeting called to order at 08:05 by the Chair (Andy McGregor)

Joint meeting between TG1/PHY and TG2:

Andy McGregor gave the presentation finalized earlier this week in the TG2.

The TG2 reviewed future plans and future liaisons and produced the following recommendations:

- The request for comments from the TG1 should be more formal asking for very specific information such as line and page number. Can be coordinated with Brian Petry.
- Could invite other Organizations to comment such as WCA, NSMA, RABC and ARIB. This is the last chance to comment before the draft is copyrighted.
- Barry Lewis from the RA will formally ask the Broadband Wireless Association of the UK to comment on the draft.
- Next draft of the coexistence practice will be put on the public side of the IEEE 802.16 web site (not password protected).

Drafted the letter inviting comments from the above Organizations. At the instigation of Roger Marks, the TG chair assisted Gene Robinson in drafting some liaisons to some senior people in these organizations.

Discussion on the comment process to use: Decision is to go with the formal process (Brian Petry's methodology) for comments prior to the Tampa meeting and accept informal comments prior to the Ottawa meeting. It was noted that comments from external bodies would probably be informal but arrive for the Tampa meeting; the TG agreed to accept such input.

Next meeting: Unanimously agreed to hold an interim meeting in Ottawa on October 25 – 26, 2000. Andy McGregor will host. The work of this interim is to handle all comments received by that time and modify the draft appropriately before the Tampa meeting.

More review of the draft practice took place and the TG agreed that the draft document was in a good shape for full Working Group comments prior to balloting, which is still planned for the end of the Tampa meeting.

Meeting adjourned at 18:45 hours.

**Sept. 15 2000**

Meeting called to order at 08:30 by the Chair (Andy McGregor).

The TG reviewed and approved the draft minutes.

The TG timeline was reviewed and approved with minor changes.

The chairman thanked all participants for their efforts. The chair thanked Crosspan for use of their overhead projector.

The attendee list indicates 14 regular participants were present.

Meeting adjourned at 9:30 AM.