

ETSI BRAN Update – May 2005

Document Number:

IEEE L802.16-05/035

Date Submitted: 2005-05-02

Source:

Mariana Goldhamer

Liaison Officer to ETSI BRAN

ALVARION

21a HaBarzel Street, Tel Aviv, Israel

Voice: +972 3 645 6241

marianna.goldhammer@alvarion.com

Venue:

Session #37, 2-5 May 2005

Base Document:

Purpose:

BRAN, HiperMAN Update

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Alvarion

BRAN Activity

- HiperMAN
 - No meeting
- Broadband Fixed-Nomadic SRD – BRAN40.5d018
 - To be finished probably next meeting
 - Spectrum request justification
 - **Triple play + Nomadic**
 - **Services similar with VDSL, including VoD**
 - **Broadband data for uncovered areas**
 - Spectrum request
 - **56MHz for shared broadband**
 - **70 MHz for broadcast video**
 - **For multiple operators, spectrum/operator may be reduced**
- 5.8GHz HEN - BRAN40.5d012
 - DFS required

ETSI – WiMAX Cooperation Agreement

- Signed in April
 - by ETSI in General Assembly
 - By WiMAX in Malaga meeting
- Main cooperation areas
 - Conformance testing for HiperMAN standard
 - Harmonization and common development of testing specifications
 - Standardization
 - WiMAX Forum will make efforts to harmonize future evolutions of standards from the IEEE 802.16 and ETSI BRAN HiperMAN
 - Regulatory
 - WiMAX Forum and ETSI will consider further collaboration on regulatory issues

Testing Framework

- STF 252
 - Leader: Milan Zoric
 - Larger team: Invenova + new specialists joined the team
 - E-mail list for quick interaction ETSI-WiMAX
 - HIPERMAN_WIMAX_TESTING@LIST.ETSI.ORG
- Testing WIs in HiperMAN
 - Rapporteur: Gordon Antonello
- Approval of STF-252 work in ETSI: HiperMAN / BRAN

Testing and Standards interaction

- Errors may be found in both IEEE 802.16 and HiperMAN
 - HiperMAN may fix quickly the errors
 - Similar process should be possible in 802.16, even when Corrigenda will be closed