Response to the TGA IEEE 802.11/BRAN Liaison Issues for a Common PMD

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Liaison on a 5GHz Common PMD

List of Issues and Importance from 11/9/98

Preamble design/multiple preambles (major)
Sampling rate (major)
Channel spacing (major)
Interleaving (major-)
Carrier recovery pilot vs. decision aided (major-)
Coexistence (preamble+duration vs. carrier sense) (minor)
Experts Group Formed After July Meetings of 802.11 and BRAN

Jamshid Khun-Jush  BRAN - Ericcson
Mika Kasslin        BRAN - Nokia
Peter Karlsson      BRAN - Telia
Reza Ahy           IEEE 802.11 - RadioLAN
Masahiro Morikura  IEEE 802.11 - NTT
Naftali Chayat     IEEE 802.11 - Breezecom

Liaison Team and Experts Group Meeting on 11/10/98

Jamshid Khun-Jush  BRAN - Ericcson (Experts Group)
Mika Kasslin       BRAN - Nokia (Experts Group)
Juha Heiskala      BRAN - Nokia
Reza Ahy           IEEE 802.11 - RadioLAN (Experts Group)
Masahiro Morikura  IEEE 802.11 - NTT (Experts Group)
Richard Paine      IEEE 802.11 - Boeing
Steven Gray        IEEE 802.11 - Nokia Americas
Task of the Team

To see if there are any possible actions for either 802.11 or BRAN in resolving the issues raised on 11/9/98.

Assessment of the Experts Team

<table>
<thead>
<tr>
<th>Issue</th>
<th>Importance TGA</th>
<th>Importance Experts Group</th>
</tr>
</thead>
<tbody>
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</tr>
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Team Recommendation

Investigate with model – Richard van Nee and Hitachi co-simulate a 4 channel standard and make a recommendation for common channelization and sampling rate for submission at the January meeting and proceed with common PMD.